

314138 to 314771—Continued

314683. EPHEDRA sp. Gnetaceae.

Col. No. 460. Low mountains, 20 km. north of Game Preserve headquarters, about 180 km. east of Alma Ata. Fruits on inner stems, orange red.

314684 to 314686. FESTUCA ARUNDINACEA Schreb. Gramineae. Tall fescue.

314684. Col. No. 351. Gravel bar along Alma Atinka River, 15 km. south of Alma Ata. To 4 feet high; leaves yellow green, to ½ inch wide.

314685. Col. No. 383. Along Alma Atinka River, 20 km. above Alma Ata. To 5 feet high.

314686. Col. No. 513. West of Alma Ata, 33 km.

314687 and 314688. FESTUCA OVINA L. Sheep fescue.

314687. Col. No. 430. West of Game Preserve headquarters, 19 km., about 180 km. east of Alma Ata.

314688. Col. No. 454. Low mountains, 20 km. north of Game Preserve headquarters, about 180 km. east of Alma Ata.

314689 to 314691. FESTUCA PRATENSIS Huds.

314689. Col. No. 352. Gravel bar of Alma Atinka River, 15 km. south of Alma Ata. To 3 feet high.

314690. Col. No. 396. East of Alma Ata, 50 km.

314691. Col. No. 476. North of Kokpek 25 km., about 160 km. east of Alma Ata.

314692. FESTUCA sp.

Col. No. 377. Along Alma Atinka River 20 km. above Alma Ata. Broad-leaved perennial; top of panicle shattering before bottom of panicle is ripe.

314693. FESTUCA sp.

Col. No. 426. Kokpek Mountains 190 km. east of Alma Ata, about 40 km. northeast of Game Preserve headquarters.

314694. FESTUCA sp.

Col. No. 448. West of Game Preserve headquarters 40 km., about 180 km. east of Alma Ata.

314695. HEDYSARUM sp. Leguminosae.

Col. No. 404. Mountain canyon, 85 km. east of Alma Ata. Perennial, to 2 feet high; many laments in a dense raceme.

314696. HORDEUM BOGDANII Wilensky Gramineae.

Col. No. 480. North of Kokpek, 28 km., about 158 km. east of Alma Ata. Perennial to 2 feet high.

314697. HORDEUM sp.

Col. No. 501. Near Karagali, 50 km. west of Alma Ata. Annual.

314698. JUNIPERUS sp. Pinaceae.

Col. No. 455. Low mountains 20 km. north of Game Preserve headquarters, 180 km. east of Alma Ata. Prostrate, dark green shrub with glaucous blue berries.

314699 and 314700. KOELERIA GRACILIS Pers. Gramineae.

314699. Col. No. 433. West of Game Preserve headquarters 19 km., about 180 km. east of Alma Ata.

314700. Col. No. 503. Near Karagali, 50 km. west of Alma Ata.