

314138 to 314771—Continued

314636. *BOTHRIOCHLOA ISCHAEMUM* (L.) Keng Gramineae.
King's Ranch bluestem.

Col. No. 418. At Game Preserve headquarters, 180 km. east of Alma Ata. Perennial, bunch type.

314637. *ARISTIDA* sp. Gramineae.

Col. No. 366. Sandhills west of Cholok Espe, 250 km. northwest of Alma Ata. Rhizomatous grass, forming large clumps, to 30 inches high, dense, leafy.

314638. *ARISTIDA* sp.

Col. No. 469. Game Preserve headquarters, 180 km. east of Alma Ata. Annual, to 15 inches high; three-branched awn.

314639. *ARISTIDA* sp.

Col. No. 470. South of Game Preserve headquarters, 1.5 km. about 180 km. east of Alma Ata. Annual, to 18 inches high.

314640. *ASTRAGALUS* sp. Leguminosae.

Col. No. 367. Sandhills west of Cholok Espe, 250 km. northwest of Alma Ata. Spreading shrub, to 16 inches high; erect flowering spikes; very leafy; pods curled.

314641. *ASTRAGALUS* sp.

Col. No. 481. Northwest of Kokpek, 54 km., about 145 km. northeast of Alma Ata. Perennial, to 2 feet high; numerous bladdery pods in dense raceme.

314642. *ATRAPHAXIS* sp. Polygonaceae.

Col. No. 391. Along Alma Atinka River, 20 km. above Alma Ata. Spiny shrub, to 6 feet high; three-winged fruits and trigonous seed.

314643. *ATRAPHAXIS* sp.

Col. No. 417. At game Preserve headquarters, 180 km. east of Alma Ata. Shrub to 6 feet high; spineless; new branches stiffly erect; flowering bracts pink; leaves obovate, spiculate, entire, thick.

314644. *ATRAPHAXIS* sp.

Col. No. 420. At Game Preserve headquarters, 180 km. east of Alma Ata. Shrub to 2 feet high, spiny.

314645. *BETULA* sp. Betulaceae.

Col. No. 385. Along Alma Atinka River, 20 km. above Alma Ata. Tree to 40 feet high; white and/or coppery bark.

314646. *BROMUS* sp. Gramineae.

Col. No. 338. Mountain foothills, 16 km. south of Alma Ata. Perennial, to 4 feet high; panicle nodding.

314647. *BROMUS* sp.

Col. No. 375. Along Alma Atinka River, 20 km. above Alma Ata. To 6 feet high; short awns; panicles ripening rather evenly.

314648. *BROMUS* sp.

Col. No. 489. Along Talgar River, 54 km. east of Alma Ata. To 6 feet high; nodding, loose panicles, awned spikelets; not fully mature.

314649. *CAREX PACHYSTYLIS* Gay Cyperaceae. Sedge.

Col. No. 453. Low mountains, 20 km. north of Game Preserve headquarters, about 180 km. east of Alma Ata.