

407559 to 407645—Continued**407570 to 407575—Continued**

407573. KN 68 (Esendal #13). South of Mardin, 4 to 6 km west of Kisiltepe. Plant mostly very green with only a few heads ripe. Typical of species (small type). Half blue, and half white flowered. Growing on roadside in association with *C. oxyacanthus*. Wild.

407574. KN 78. (Esendal #23). Fifteen km south of Elazig. Only main head ripe on some plants. Typical small type. Scattered plants roadside. Growing in association with P.I. 407604 *C. oxyacanthus*. Wild.

407575. KN 79. (Esendal #24). Seven km south of Elazig. Some plants like *C. glaucus* and probably a mixture, or products of hybrid of the two species. One head from each plant. Scattered plants on roadside. Wild.

407576 to 407580. CARTHAMUS GLAUCUS Bieb.

407576. KN 59 (Esendal #4). One km west of Baykan. Plant 30 to 60 cm high. Small heads mostly 8 to 10 mm in diameter. Only white flowered types collected, though 1 to 2 percent were blue flowered. Growing on roadside. Wild.

407577. KN 60 (Esendal #5). On road to Sirt, 9 km from Baykan. Plant 40 to 70 cm high. Heads 8 to 10 mm in diameter. All white plants harvested, though 1 percent blue. Growing on roadside. Wild.

407578. KN 66 (Esendal #11). Two km southwest of Savur. Plant 40 to 70 cm high. Mostly in bloom, a few heads with dried flowers, 60 percent blue, 40 percent white. Typical small-headed type. Abundant in field by side of road. Wild.

407579. KN 69 (Esendal #14). West of Mardin, 31 km north of crossroad. Typical of small type. Earliest heads ripe, all dark blue flowers. Growing on roadside. Wild.

407580. KN 70 (Esendal #15). Just west of Mardin, 38 km north of crossroad. Earliest head nearly ripe, blue flowers. Typical small type. Growing on roadside and adjacent fallow field. Wild.

407581 to 407583. CARTHAMUS LANATUS L.

407581. KN 37. Nine km north on road to Mordogan, 38 km west of Izmir. Plant 20 to 70 cm high, nearly ripe, with middle dentate bracts. Typical of species. Growing on roadside and in fields. Wild.

407582. KN 42. Soke, 9 km north of crossroad at south end. Plant 50 to 100 cm high, ripe. Typical of species. Growing on grade running for several km south of Soke through swampy, poorly drained area. Wild.

407583. KN 54. Tuzla. Originally from Istanbul. Growing in greenhouse at Erzerum. Plant 70 to 80 cm high, ripe. Yellow flowers. Wild.

407584 to 407590. CARTHAMUS LANATUS subsp. TURKESTANICUS (M. Pop.) Hanelt

407584. KN 27. On road E5 to Konya, 9 km from junction of Hayama Road. Plant 50 to 80 cm high, mostly green. Very pale yellow flowers, a few dried up. Growing on roadside. Wild.

407585. KN 39. West edge of Karayollari, 43 km south of Izmir. Plant to 100 cm high, ripe. Typical of species. Growing by bridge on bank of road. Wild.