

Trops sprung on this line are nos: 6, 13, 28, 640403-33, 95, 99. *Microtus* 640403-91 had the middle ³⁷ right ⁴⁷ hind ⁴⁸ toe ⁶⁴ 65, 76, 84. missing from natural causes. Noted a startling to raise and vibrate wings when offering call like the sound made by a killdeer. A Great Horned owl called on hillside approx. 2/10 mi. W. a red-tail favored an area NW of field where a large nest was located in an elm tree.

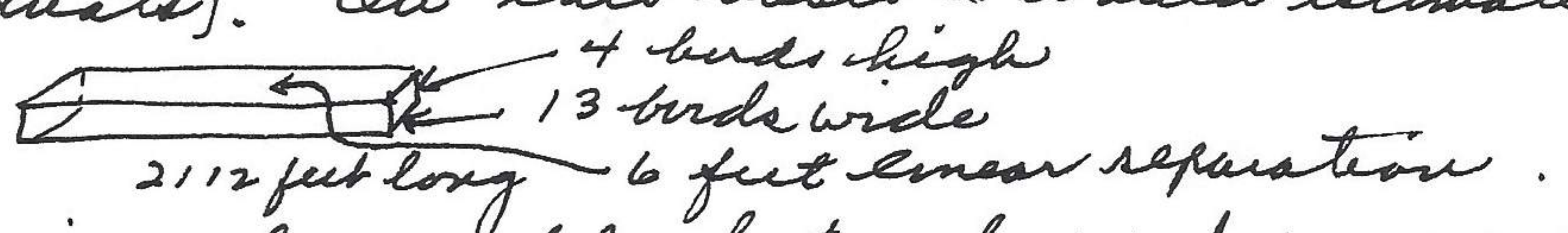
640405-8 Pilot black snake
640405-8a " " "
640405-9 " " "
640405-10 Pilot black snake.
April 5, 1964 (same locality as above).
Lawrence, Douglas Co., Kansas

April 6, 1964

On Campus of K.U., noted a soil formation resulting from washing of soil from surface of ^{walk} cement. Trucks had tracked dirt, and the last two days of rain had developed a ripple pattern just as one would find on the floor of a lake or river. This would suggest that ripple marks in geological formations could have been produced from blown sands and dirt on a none ~~specious~~ marine or waterless surface. The formation was not the result of tire marks.

Lawrence, Douglas Co., Kansas (1620 Tennessee Street)
April 6, 1964

at about 1/2 hr before sunset a flock of grackles flew E over my residence (approx 20 feet above trees). The flight was continuous for approx 4/10 mi. and the average width of flock was 40 feet. The birds were in close formation and I judge them to be about 3 or 4 feet apart (individuals). On this basis I would estimate approx. 18,000 birds



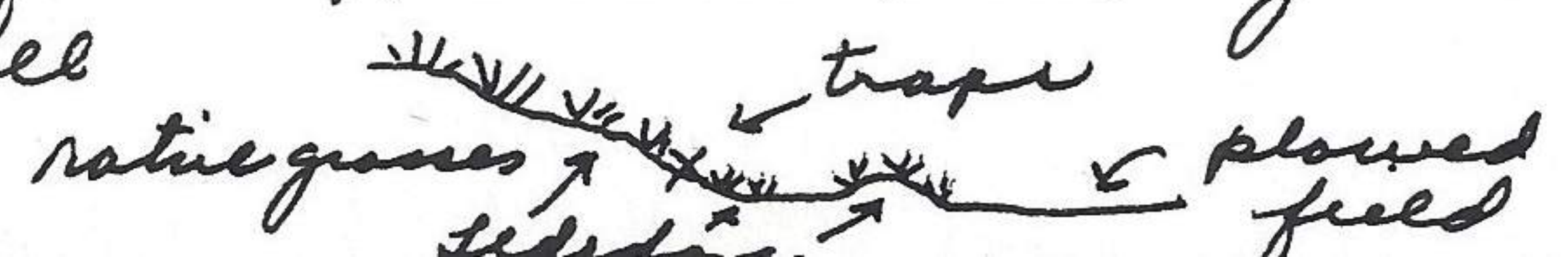
The flock was predominantly grackles but a few red-wings were present. Across the street at the Marpen-McCuskey residence there have been about 6 birds (grackles) establishing territories since about a week or so ago.

Lawrence, Douglas Co., Kansas
April 7, 1964

Chimney swift and purple martin in area. noted for first time this spring.

1 1/10 mi. N and 1 2/10 mi. E Clinton, Douglas Co., Kansas
April 8, 1964

Set 100 traps (in pairs) at Synaptoneura marsh on Peterson Property (see march 13 for map) and in native grasses on slope to east. Traps at base of hill



Set traps between 5-6:30 P.M. Temp. in 30's