

but most of these were abandoned. It appears that *M. ochrogaster* has either been at a much lower population level or that the runways I have been observing are used only during the winter and early spring.

This afternoon set several series of traps in the Fort Pierre area and returned to camp N of Fort Pierre.

3/4 mi. N and 3/4 mi. W Pierre, 1440 ft., Hughes Co., South Dakota

July 26, 1950

This locality is on the east side of the Missouri River just beyond a bridge that crosses the river to determine if *M. ochrogaster* might pass over bridge to gain access to this area. From 24 traps set in runways along railroad grade and associated barrow pits collected 2 *Microtus ochrogaster*. Three traps were snopped.

500726-3 *Microtus ochrogaster* 142-38-19-12-30 gms ♂ testis 3 mm.
500726-4 " " 146-36-19-12-46 gms ♀ no embryos.

1 mi. N of Fort Pierre, 1437 ft., Stanley Co., S. Dakota

July 26, 1950

From the second set of traps set last night in a field of grasses and weeds in successional stage and in well established runways collected:

500726-5 *Microtus ochrogaster* 140-44-19.5-12-47 gms ♂ testis 14 mm
500726-6 " " 155-38-19-12-41 gms ♂ testis 11 mm.

1 1/2 mi. S and 1/2 mi. W Fort Pierre, 1448 ft., Stanley Co., S. Dakota

July 26, 1950

From a 3 set of 15 traps at this locality, did not catch any mammals. From another set of 15 traps 2/10 miles to N of this locality, also did not catch anything.

1 1/2 mi. S and 1 mi. W Fort Pierre, 1456 ft., Stanley Co., S. Dakota

July 26, 1950

From a fifth set of 100 traps set yesterday evening along a railroad grade and each trap in a runway. Caught:

500726-7 *Microtus ochrogaster haydeni* 149-37-20-12-43 gms ♀ no embryos
500726-8 " " 170-49-21-13-57 gms ♂ testis 12 mm
500726-9 " " 160-42-20-12-52 gms ♂ testis 14 mm
500726-10 " " 165-42-20-12-54 gms ♀ no emb.
500726-11 " " 121-34-20-12-33 gms ♂ testis 5 mm
500726-12 " " 164-44-21-13-53 gms (2x2 emb 12 mm)

interpretation

2 embryos in right uterus
2 emb in crown left uterus
crown rump length