

June 18, 1953

*Dicrostonyx* weighed 49.7 gms today. Upper surface of molt moving progressively backwards over ears and head. White spot of head nearly gone. Anterior patch of tawny on center better defined and part posterior to front legs extending up on sides. 2 patches on back larger and more general fusion of color coming in. Article occurred today in Kansas City Times Thursday June 18, 1953 titled Lemmings Drown by Thousands in Frantic Search for food. There does not seem to be much truth in the above statement. The migration of the lemming was confused with local adjustments when the animals were forced to leave the protective snow cover which was melting from the surface of the swales and the animals were moving to higher (but local) relief. The following is a listing of weight measurements of *Dicrostonyx* no. 530828-1 of the original experiment 530511-1

|          |           |   |
|----------|-----------|---|
| June 20. | 49 gms    | Side pelage still progressing   |
| June 22. | 48 gms    | molt as above but slightly progressive.   |
| June 24  | 48.3 gms  | molt progressive  |
| " 26     | 48.1 gms  | " "   |
| " 28     | 47.8 gms  | " " Sides becoming stabilized. New growth center in operation on posterior back and in general. |
| " 30     | 47.5 gms  | molt as above.  |
| July 2   | 47. gms   | " " "   |
| " 4      | 47.1 gms  | " " "   |
| " 6      | 47.3 gms. | molt gradually developing on back   |
| " 8      | 48 gms    | molt gradually developing   |
| " 10     | 48.2 gms  | "   |
| " 12     | 47.8 gms  | "   |
| " 14     | 47.9 gms. | "   |
| " 16     | 49 gms    | "   |
| " 18     | 48 gms    | "   |
| " 20     | 48 gms    | "   |
| " 22     | 48.1 gms  | "   |
| " 24     | 49 gms    | "   |
| " 28     | 50 gms    | "   |
| " 30     | 49.9 gms  | "   |
| Aug. 3   | 50.8 gms  | "   |
| " 7      | 49 gms    | "   |
| " "      | 50 gms.   | "   |