

main progressive pelage stabilized at present. No 530506-1 habit of jumping out of nest through top. Chatters more than other one when touched and also defends by assuming a fighting position.

March 30, 1953

Examined Dicrostonyx (all previous observations have been made at noon) of experiment no. 530311-1 as follows:
 No. 530828-1 weighed 47.3 gms; no 530506-1 weighed 42.5 gms.
 Pelage of 530828-1 slowly changing, particularly between ears as extension posteriorly. Front legs and shoulders now white. No. 530506-1 is producing a grey thru old pelage hair on high shoulders neck area as a general defusion rather than by progressive invasion along a front. Anterior face getting darker grey. On the 28th attempted to take photo of 530506-1 in sun outside and as a result she apparently lost weight the following day.

March 31, 1953

Examined Dicrostonyx (ex. no. 530311-1) at noon today. No 530828-1 weighed 46.8 gms and 530506-1, 45 gms. No 530828-1 has developed a very white spot on back about size of a dime since yesterday. Head molt moving slowly but progressively backwards. No. 530506-1 is now all grey except ears which remain brown. White in last remaining unmolted areas turned white without progressive molt line. The most anterior part of face getting a considerable amount of black due to wearing off of white tips of hair. White pelage irregular on back due to differential hair growth of former molt areas.

April 1, 1953

Dicrostonyx (ex. no. 53011-1) weighed as follows: no. 530828-1, 45.9 gms; 530506-1, 44 gms. Molt slightly progressive especially top of head and spots on back.

April 2, 1953

Examined Dicrostonyx (ex. no. 53011-1) as follows: no 530828-1, 46.1; 530506-1, 44.7. The two dorsal spots have increased abruptly and are the whitish area of no. 530828-1. No 530506-1 losing all former evidence of old pelage.