

# Proceedings of the 2nd International Arctic Ungulate Conference, Fairbanks, Alaska, 13-17 August, 1995

With this issue of *Rangifer* the proceedings of the Fairbanks meeting are finally accomplished. Papers submitted to *Rangifer* are gathered in the following issues of the journal: 1996, 16 (2): 49-92; 1997, 17 (1): 3-50; 1997, 17 (3): 10-138; 1998, 18 (3-4): 99-154.

## Contents

Proceedings Issue No. 1 – <i>Rangifer</i> Vol. 16, No. 2, 1996	
2nd International Arctic Ungulate Conference	49
Klein, D. R. Arctic ungulates at the northern edge of terrestrial life	51
Thomas, D. C., Barry, S. J. & Alaie, G. Fire - caribou - winter range relationships in northern Canada	57
Smith, D. L. A test of the herbivore optimization hypothesis using muskoxen and a graminoid meadow plant community	69
Seidel, K. B. & Rowell, J. E. Canadian muskoxen in central Europe – a zoo veterinary review	79
2nd IAUC: Attendance list	87
Proceedings Issue No. 2 – <i>Rangifer</i> Vol. 17, No. 1, 1997	
Gaare, E. A hypothesis to explain lichen- <i>Rangifer</i> dynamic relationships	3
Larter, N. C. & Nagy, J. A. Peary caribou, muskoxen and Banks Island forage: Assessing seasonal diet similarities	9
Staaland, H., Adamczewski, J. Z. & Gunn, A. A comparison of digestive tract morphology in muskoxen and caribou from Victoria Island, Northwest Territories, Canada ( <i>Brief communication</i> )	17
Gerhart, K. L., White, R. G., Cameron, R. D., Russel, D. E. & van de Wetering, D. Pregnancy rate as an indicator of nutritional status in <i>Rangifer</i> : implications of lactational infertility ( <i>Brief communication</i> )	21
Flood, P. F. & Tedesco, S. C. Relationship between conception date and latitude in muskoxen	25
Schulman, A. B. & White, R. G. Nursing behaviour as a predictor of alternate-year reproduction in muskoxen ( <i>Brief communication</i> )	31
Baskin, L. M. & Skogland, T. Direction of escape in reindeer	37
Blehr, O. In defence of «anecdotal data». A case study from a caribou area in West Greenland (with appendix article «Energy-expending behaviour in frightened caribou when dispersed singly or in small bands»)	41
Editorial	50
Proceedings Issue No. 3 – <i>Rangifer</i> Vol. 17, No. 3, 1997	
Reimers, E. <i>Rangifer</i> population ecology: a Scandinavian perspective	105
Hoare, E. K., Parker, S. E., Flood, P. F. & Adams, G. P. Ultrasonic imaging of reproductive events in muskoxen ( <i>Brief communication</i> )	99
Rowell, J. E., White, R. G. & Hauer, W. E. Progesterone during the breeding season and pregnancy in female muskoxen on different dietary regimes ( <i>Brief communication</i> )	119
Adamczewski, J. Z., Tedesco, S. C., Laarveld, B. & Flood, P. F. Seasonal patterns in growth hormone, insulin and insulin-like growth factor-1 in female muskoxen ( <i>Brief communication</i> )	131
Lawler, J. P. & White, R. G. Seasonal changes in metabolic rates in muskoxen following twenty-four hours of starvation ( <i>Brief communication</i> )	135
Proceedings Issue No. 4 – <i>Rangifer</i> Vol. 18, No. 3-4, 1998	
Suttie, J. M. & Webster, J. R. Are arctic ungulates physiologically unique?	99
Åhman, B. Contaminants in food chains of arctic ungulates: what have we learned from the Chernobyl accident?	119
<b>Rangifer</b> , 18 (3-4), 1998	153

Chernyavskii, F. B. & Kretchmar, M. A. Wild reindeer ( <i>Rangifer tarandus</i> L.) in Chukotka . . . . .	127
Lent, P. C. Alaska's indigenous muskoxen: a history . . . . .	133
White, R. G., Rowell, J. E., Blake, J. E. & Hauer, W. E. Population structure and dynamics in captive muskoxen at the Large Animal Research Station, 1988–1994 . . . . .	145
Proceedings of the 2nd IAUC: Complete list of contents . . . . .	153