

The Reindeer Handler

An electronic magazine dedicated to health, and promotion of
reindeer husbandry

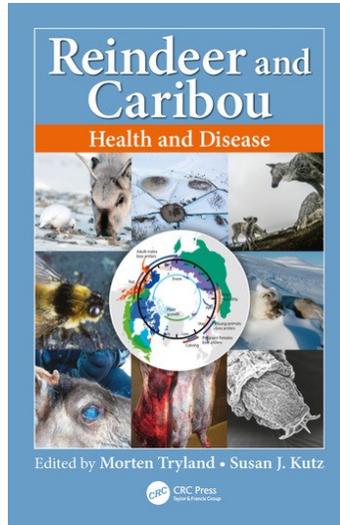
Edition #1

March 2021



A valuable resource no reindeer owner, breeder or veterinarian should be without.

<https://www.amazon.com/Reindeer-Caribou-Disease-Morten-Tryland/dp/1482250683>



Advertising space available
send requests to Deb Apthorp @
reindeer@apthorpfarms.com

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Hello Letter

Hello everyone,

This letter is intended to give everyone a brief explanation of what I hope to accomplish, which is an electronic monthly magazine, so to speak. A gathering of cooperative information to help anyone interested in reading about reindeer currently owned, or is in the process of adding. I would like to hear from everyone what they would like to submit or hear about, along with a picture page, and a paid advertising area. I intend for the magazine to be free at this point. I did not have much to start and see how it would transpire, so please feel free to start submitting your info to my email – reindeer@apthorpfarms.com. Please include your full name and contact number and email so questions from readers can be directed back to you and credit given.

The only paid portion will be for advertising for your farm business | reindeer at a fee of \$15 yearly for 12 magazines sent electronically NOT mailed I am still figuring out the storage capacity on my godaddy site, but I will keep an electronic copy on my husbands server so they wont be lost. If anyone has comment/suggestions/ideas, please please let me know, this is a first run at improving my technology skills is an area I adore, reindeer!

Thank you so much, Deb

814-823-4321

Here is the web link to this article;
<https://cdnsiencepub.com/doi/abs/10.1139/z94-127>

Effects of protein and energy intake, body condition, and season on nutrient partitioning and milk production in caribou and reindeer

Authors: [Ann C. Allay Chan-McLeod](#), [Robert G. White](#), and [Dan F. Holleman](#)**AUTHORS INFO & AFFILIATIONS**

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Abstract

We used captive caribou (*Rangifer tarandus granti*) and reindeer (*Rangifer tarandus tarandus*) to study the effects of energy intake, protein intake, dietary protein:energy ratio, date, and body condition on (i) body fat versus body protein deposition and (ii) maternal tissue deposition versus milk production. Energy intake was the only variable significantly affecting body mass (BM) changes in either breeding or nonbreeding adult females. Lactating and nonlactating females had comparable efficiency coefficients for net energy retention (60 and 65%, respectively), but the daily maintenance requirement for lactating females (457 kJ/BM^{0.75}) was twice that for nonlactating individuals (232 kJ/BM^{0.75}). In both lactating and nonlactating females, the proportion of tissue deposited as fat rather than protein increased between spring and fall but decreased with increasing fatness. Energy intake increased protein deposition in lactating females but increased fat deposition in nonlactating females. Milk water volume increased with maternal energy intake and decreased with calf age. However, production of milk dry matter, milk fat, and milk energy were not affected by maternal energy or

protein intake, maternal body condition, or calf age. Production of milk lactose correlated with maternal energy intake, while production of milk protein correlated with the maternal dietary protein:energy ratio.

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Please make sure you visit
Denise's page with awesome zoom meetings



We can't thank Denise enough for her tremendous help in reindeer farming! She maintains possibly the largest herd of reindeer in the 50 states. Denise also maintains regular Facebook pages where almost all of us seek help and information in minutes.

Thank you Denise and Lauren for being such an asset to

reindeer farmers in the USA

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Calving Season 2021



There will be a couple scientific articles regarding blood/lab-values for reindeer calves as well as a growth study.

Please submit articles you feel will help other handlers and breeders with calves. Expect the April addition to be out the last week of March or at the latest April 1 2021, hopefully we can beat the babies to the deadline with helpful information.

Here is an article labeled winter & spring synchrony of calving

<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0195603>

Everyone have a safe and successful calving season!

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