

This ForageQuality_Nutrilytical.txt file was generated on 2021-11-03
by Lee Hecker

GENERAL INFORMATION

1. Title of Dataset: ForageQuality_Nutrilytical.xlsx
2. Author Information
 - A. Principal Investigator Contact Information
Name: Lee Hecker
Institution: University of Alberta
Address: 751 General Services Building, Edmonton,
Alberta
Email: lhecker@ualberta.ca
3. Date of data collection (single date, range, approximate date):
2019/12/16
4. Geographic location of data collection: Ronald Lake, Alberta
(57.975336, -111.7049353)
5. Information about funding sources that supported the collection of
the data: Primary funding from Natural Sciences and Engineering
Research Council of Canada. Supporting funding from the Alberta
Conservation Association, Northern Scientific Training Program, and
University of Alberta Northern Research Awards.

SHARING/ACCESS INFORMATION

1. Links to publications that cite or use the data: [https://
onlinelibrary.wiley.com/doi/epdf/10.1002/ece3.8298](https://onlinelibrary.wiley.com/doi/epdf/10.1002/ece3.8298)
2. Was data derived from another source? yes/no
 - A. If yes, list source(s): Jonah Ventures ([https://
jonahventures.com/?gclid=Cj0KCQjw5oiMBhDtARIsAJi0qk0QIVzqVIT8-
ecURAYm71vN0JabPS9pG8IaILKYDb7LWNnur68s8w8aAhNhEALw_wcB](https://jonahventures.com/?gclid=Cj0KCQjw5oiMBhDtARIsAJi0qk0QIVzqVIT8-ecURAYm71vN0JabPS9pG8IaILKYDb7LWNnur68s8w8aAhNhEALw_wcB))
3. Recommended citation for this dataset:
Hecker, L.J., M.A. Edwards, and S.E. Nielsen. 2021. Assessing the
nutritional consequences of switching foraging behavior in wood bison.
Ecology & Evolution. DOI: 10.1002/ece3.8298

DATA-SPECIFIC INFORMATION:

1. Number of variables: 16
2. Number of cases/rows: 54

3. Variable List:

Description – Unique plant species within a season

Moisture – Moisture content

DM – Dry matter

CP – Crude protein

ADF – Acid detergent fiber

NDF – Neutral Detergent fiber

TDN – Total digestible nutrients

Nel Mcal/lb – Lactation megacalories per pound

Nem Mcal/lb – maintenance megacalories per pound

Neg Mcal/Lb – Gain mega calories per pound

RFV – relative feed value

Ash – The residue containing inorganic mineral elements of a feed sample, determined in a laboratory by burning the sample at a high temperature (removing the organic matter) and weighing the residue (i.e., ash).

SP % CP – Percent soluble protein of crude protein

Lignin – lignin content

NFC – Non-Fiber carbohydrates