

NBR VERTEBRATE DENSITY METADATA:

A. COLOR –

- 1) Gray = year of study
- 2) Rose = UNGULATES
- 3) Tan = MICROTUS
- 4) Orange = PASSERINE BIRDS

B. DATA

- 1) Densities:
 - a) Ungulate densities (rose) were obtained from NBR annual narrative reports to the USFWS. These counts are based upon actual counts of bison during the annual round-up and fall drive counts for other ungulates.
 - b) An index of microtine abundance (tan) was obtained for some years (1980-1987, 1990, 1992-2007, 2009, 2011, 2012), by counting the number of runways intersecting one to three 100 m transects (mean = 200.1 m \pm 23 SE).
 - c) Avian counts (orange) were conducted by NBR staff in some years (1992-2003, 2005, 2006) in 100 m radius areas.
- 2) Biomass = ungulate numbers were converted to mass using values from Belovsky 1986 and a 9000 ha. area for the NBR.

REFERENCES.

Belovsky, G. E. 1986. Optimal foraging and community structure: implications for a guild of generalist grassland herbivores. *Oecologia* 70: 35 - 52.