ABSTRACT

High-latitude steppe vegetation and the mineral nutrition of Pleistocene herbivores
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STUDY AREA
High-latitude steppes located in North-East Kolyma Lowland (Arctic Siberia). Annual temperature is -7 to -12 °C. Summer temperature is >8 °C. Winter temperature are 28 to 35 °C. Annual total precipitation are 190 – 300 mm.

STEPPE SOILS
Two types of steppe were studied. Steppe soils are characterized by an extreme temperature and dryness. Physico-chemical properties are different from the same properties of soil in tundra. Steppe soils characterize high content of total and dissolved organic carbon, nitrogen and high value of labile P (to 500 ppm).

CONCLUSIONS
High-latitude steppe...