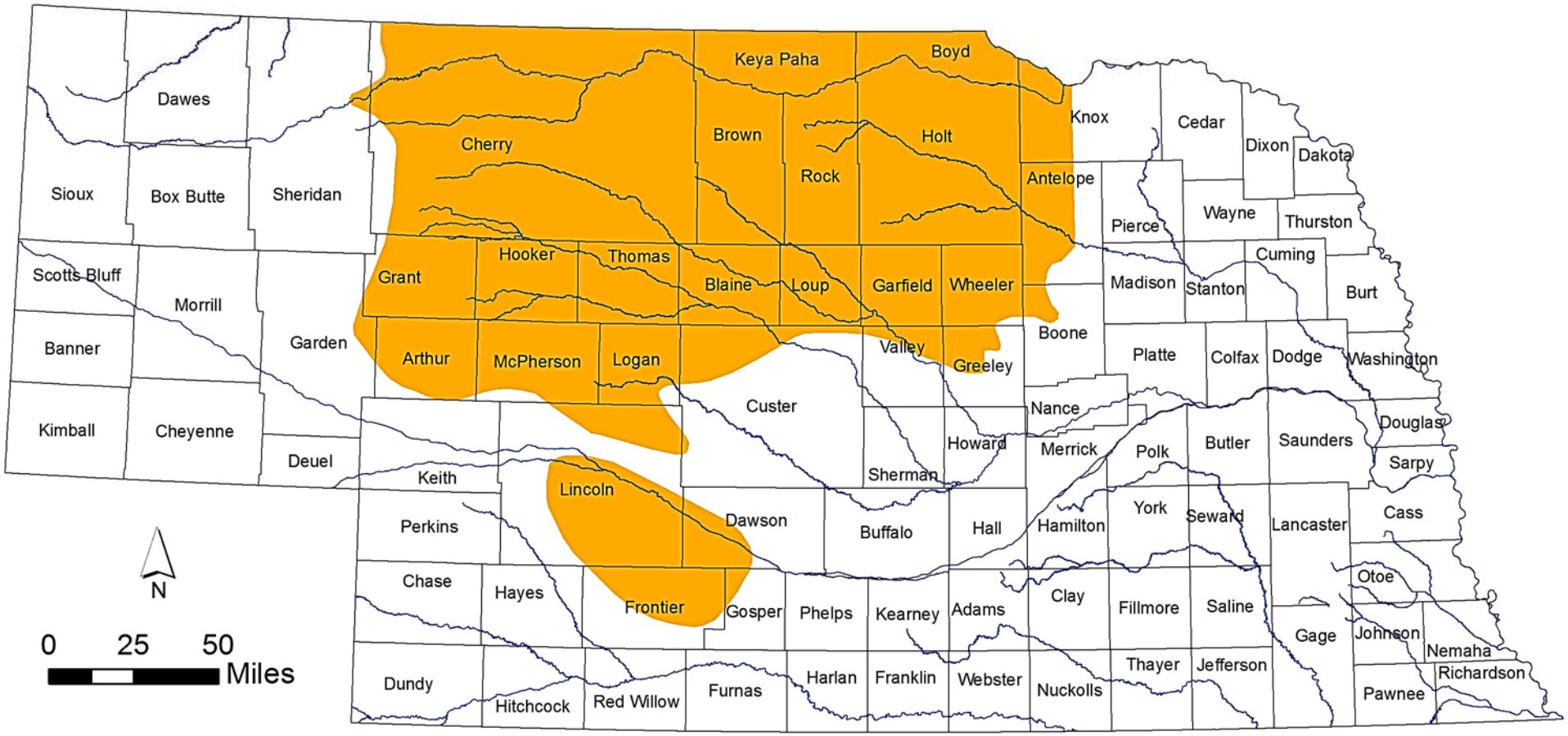
Estimated Current Range of American Burying Beetle (*Nicrophorus americanus*)



The Sandhills portion of this range was based largely on a distribution model created using data collected from 2001 through 2011 by various government and non-government organizations. Logistic regression was used to predict probability of occurrence of American Burying Beetle based on data collected in the Sandhills and a number of climate, soil, and land cover variables. The model was created by The US Fish and Wildlife Service, University of Nebraska Kearney, Rainwater Basin Joint Venture, and Nebraska Game and Parks Commission. The Sandhills probability model and range map was combined with other known distribution data to create the overall range map shown here. Work is being undertaken to create comparable models outside of the Sandhills.

Map produced by the Nebraska Natural Heritage Program, Nebraska Game and Parks Commission, March 2014.