

Name Jack F. Cully, Jr.

Title Associate Professor, Assistant Unit Leader, Wildlife

Recent Publications

VanNimwegen, R. L., J. Kretzer, and J. F. Cully. In press. Ecosystem Engineering by a colonial mammal: how black-tailed prairie dogs structure rodent communities. *Ecology*.

Brinkerhoff, R.J., C. Ray, B. Thiagarajan, S. K. Collinge, J. F. Cully, Jr., B. Holmes, and K. L. Gage. In press. Keystone hosts: Prairie dogs affect occurrence patterns of disease vectors on small mammals. *Ecography*.

T. Bala, Y. Bai, K. L. Gage, and J. F. Cully, Jr. In press. Prevalence of *Yersinia pestis* in rodents and fleas associated with black-tailed prairie dogs at Thunder Basin National Grassland, Wyoming. *Journal of Wildlife Diseases*.

Collinge, S. K., C Ray, and J. F. Cully, Jr. 2008. Effects of disease on keystone species, dominant species, and their communities. Pps 129-144. In: Ostfeld, Enever, and Keesing (eds.) *Effects of Ecosystems on Disease and of Diseases on Ecosystems*. Princeton University Press.

Augustine, D. J., J. F. Cully, Jr., and T. L. Johnson. 2007. Influence of fire on black-tailed prairie dog colony expansion in shortgrass steppe. *Rangeland Ecosystem Management* 60:538-542.

Augustine, D. J., M. R. Matchett, T. P. Toombs, J. F. Cully, Jr., T. L. Johnson, J. D. Sidle. 2007. Spatiotemporal dynamics of black-tailed prairie dog colonies affected by plague. *Landscape Ecology* DOI 10-1007/s10980-007-9175-6.

Bai, Y., M. J. Kosoy, J. F. Cully, Jr., T. Bala, C. Ray, S. K. Collinge. 2007. Acquisition of nonspecific *Bartonella* strains by the northern grasshopper mouse (*Onychomys leucogaster*). *FEMS Microbiol Ecol* 61:438-448.

Kostelnick, J. C., D. L. Peterson, S. L. Egbert, K. M. McNyset, and J. F. Cully. 2007. Ecological niche modeling of black-tailed prairie dog habitats in Kansas using geographic information systems (GIS), remote sensing, and the genetic algorithm for rule-set prediction (GARP). *Transactions of the Kansas Academy of Sciences* 110:187-200.

Cully, J. F., Jr., D. E. Biggins, and D. S. Seery. 2006. Conservation of black-tailed prairie dogs in areas with a history of sylvatic plague. Chapter 11 in *Conservation of the Black-tailed Prairie Dog*. J. L. Hoogland (ed).

Collinge, S. K., W. C. Johnson, C. Ray, R. Matchett, J. Gersten, J. F. Cully, Jr., K. L. Gage, M. L. Kosoy, J. E. Loye, and A. P. Martin. 2005. Landscape structure and plague occurrence in black-tailed prairie dogs. *Landscape Ecology* 20:941-955..

Collinge, S. K., W. C. Johnson, C. Ray, R. Matchett, J. Gersten, J. F. Cully, Jr., K. L. Gage, M. L. Kosoy, J. E. Loye, and A. P. Martin. 2005. Testing the generality of a trophic cascade model for plague. *Ecohealth* 2:1-12.

Jack Cully

Page | 2

Jensen, W. E., and J. F. Cully, Jr. 2005. Geographic variation in cowbird parasitism and dickcissel nesting success in great plains tallgrass prairie. *The Auk* 122:648-660.