

Publications related to the Missouri black bear research project.

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Al-Warid, HS, Beringer J, Hiller TL, Belant, JL, Gomper, ME. 2016. Community composition of Ixodid ticks parasitizing American black bears in Missouri, USA. *Ursus* 27:61-66.

Duquette JF, Belant JL, Wilton CM, Fowler N, Waller BW, Beyer Jr DE, Svoboda NJ, Simek SL, Beringer J. 2017. Black bear (*Ursus americanus*) functional resource selection relative to intraspecific competition and human risk. *Canadian Journal of Zoology* 95:203–12.

Gantchoff MG, Belant JL. 2017. Regional connectivity for recolonizing American black bears (*Ursus americanus*) in southcentral USA. *Biological Conservation* 214: 66-75.

Gantchoff MG, Conlee L, Belant JL. 2020. Planning for carnivore recolonization by mapping sex-specific landscape connectivity. *Global Ecology and Conservation* 21: e00869.

Gantchoff MG, Conlee L, Belant JL. 2019. Conservation implications of sex-specific landscape suitability for a large generalist carnivore. *Diversity and Distributions* 25: 1488–1496.

Gantchoff MG, Conlee L, Belant JL. Can citizen science effectively map the distribution of a large carnivore? (*in review*).

Gantchoff MG, Beyer Jr D, Belant JL. 2019. Reproductive class influences risk tolerance during denning and spring for American black bears (*Ursus americanus*). *Ecosphere* 10: e02705.

Gantchoff MG, Hill JE, Kellner KF, Fowler NL, Petroelje TR, Conlee L, Beyer Jr DE, Belant JL. 2020. Mortality of a large wide-ranging mammal largely caused by anthropogenic activities. *Scientific Reports*. *In press*.

Gantchoff MG, Wang G, Beyer D, Belant JL. 2019. Scale-dependent home range optimality for a solitary omnivore. *Ecology and Evolution* 23: 12271–12282.

Hiller TL, Belant JL, Beringer J, Tyre AJ. 2015. Resource selection by recolonizing American black bears in a fragmented forest landscape. *Ursus* 26:116–128.

Hiller TL, Belant JL, Beringer J, Tyre AJ. 2015. Sexual size dimorphism mediates effects of spatial resource variability on American black bear space use. *Journal of Zoology* 296:200-207.

Hiller TL, Belant JL, Beringer J, Tyre AJ. 2017. Shape complexity of space used by American black bears influenced by sex and intensity of use. *Basic and Applied Ecology* 18:67-74.

Kristenson, T.V., Puckett, E.E., Landguth, E.L., Belant, J.L., Hast, J.T., Carpenter, C., Sajeck, J.L., Beringer, J., Means, M., Cox, J.J., Eggert, L.S., White, D., Jr., and Smith, K.G. 2018. Plasticity of dispersal in black bears (*Ursus americanus*) in two ecosystems characterized by recent population expansion. *Heredity*. doi: 10.1038/s41437-017-0019-0.

Puckett EM, Kristensen TV, Wilton CM, Lyda SB, Noyce KV, Holahan PM, Leslie DM Jr, Beringer J, Belant JL, White D Jr, Eggert LS. 2014. Influence of drift and admixture on population structure of American black bears (*Ursus americanus*) in the Central Interior Highlands, USA, 50 years after translocation. *Molecular Ecology* 23:2414-2427.

Sollmann R, Gardner B, Belant JL, Wilton CM, Beringer J. 2016. Habitat associations in a recolonizing, low-density black bear population. *Ecosphere* 7:8.

Wilton CM, Belant JL, Beringer J. 2014. Distribution of American black bear occurrences and human-bear incidents in Missouri. *Ursus* 25:53-60.

Wilton CM, Puckett EE, Beringer J, Gardner B, Eggert LS, Belant JL. 2015. Trap array configuration influences estimates and precision of black bear density and abundance. *PLOS One* 9:e111257.

Wilton CM, Beringer J, Puckett EM, Eggert LS, Belant JL. 2016. Spatiotemporal factors affecting detection of black bears during noninvasive capture-recapture surveys. *Journal of Mammalogy* 97:266-273.