



## Publications & Technical Reports

Abernathy HN, Ditmer MA, Hibbard SB, Lombardi JV, Stephenson TR, Squires JR, Newton JN, Dewey SR, Zeller KA, Schwartz MK, Wittemyer G. 2025. [A case for human mobility data applications in wildlife management](#). Journal of Applied Ecology.

Branney AB, Bradt J, Felch J, Lombardi JV. 2025. [Observations of a puma predation on an endangered California Condor](#). Ecosphere.

Dougherty KD, Dellinger JA, Cristescu B, Gammons DJ, Garcelon DK, Higley JM, Martins QE, Riley SP, Sikich JA, Stephenson TR, Vickers TW. 2025. [A Functional Response in Resource Selection Links Multiscale Responses of a Large Carnivore to Human Mortality Risk](#). Ecology Letters. 28(1):e70035.

Parsons MA, Vercauteren KC, Dellinger JA, Young JK. 2025. [Survival and causes of mortality of introduced wild pigs in the presence of cougars](#). Biological Invasions. 27(1):4.

Supple MA, Escalona M, Alexandre N, Buchalski MR, Riley SP, Dellinger JA, Vickers TW, Sahasrabudhe R, Nguyen O, Fairbairn CW, Seligmann WE. 2024. [A chromosome-level genome assembly of the mountain lion, Puma concolor](#). Journal of Heredity. 7:esae063.

Winter SY, Van Vuren DH, Vickers TW, Dellinger JA. [Response of Mountain Lions to Hazing: Does Exposure to Dogs Result in Displacement?](#) 2024. In Proceedings of the Vertebrate Pest Conference, 31.

Rudd JL, Poppenga RH, Woods LW, Riley SPD, Sikich JA, Streitenberger N, Clifford DL. 2024. [Detection of Rodenticides in Pregnant Mountain Lions \(Puma concolor\) and Their Fetuses in California](#). Canadian Wildlife Biology & Management (CWB). 13(2).

Benson JF, Dougherty KD, Beier P, Boyce WM, Cristescu B, Gammons DJ, Garcelon DK, Higley JM, Martins QE, Nisi AC, Riley SP, Dellinger JA. 2023. [The ecology of human-caused mortality for a protected large carnivore](#). Proceedings of the National Academy of Sciences. 120(13):e2220030120.

Barrientos R, Vickers W, Longcore T, Abelson ES, Dellinger J, Waetjen DP, Fandos G, Shilling FM. 2023. [Nearby night lighting, rather than sky glow, is associated with habitat selection by a top predator in human-dominated landscapes](#). Philosophical Transactions of the Royal Society B. 378(1892):20220370.

Dellinger JA, Basto AF, Vickers TW, Wilmers CC, Sikich JA, Riley SP, Gammons D, Martins QE, Wittmer HU, Garcelon DK, Allen ML. 2023. [Evaluation of the effects of multiple capture methods and immobilization drugs on mountain lion welfare](#). Wildlife Society Bulletin. 47(4):e1494.

Buchalski MR, Sacks BN, Ahrens KD, Gustafson KD, Rudd JL, Ernest HB, Dellinger JA. 2022. [Development of a 95 SNP panel to individually genotype mountain lions \(Puma concolor\) for microfluidic and other genotyping platforms](#). Conservation Genetics Resources. 14(2):147-50.

Cristescu B, Elbroch LM, Dellinger JA, Binder W, Wilmers CC, Wittmer HU. 2022. [Kill rates and associated ecological factors for an apex predator](#). Mammalian Biology. 102(2):291-305.



Gustafson KD, Gagne RB, Buchalski MR, Vickers TW, Riley SP, Sikich JA, Rudd JL, Dellinger JA, LaCava ME, Ernest HB. 2022. [Multi-population puma connectivity could restore genomic diversity to at-risk coastal populations in California.](#) Evolutionary applications. 15(2):286-99.

Straub MH, Rudd JL, Woods LW, Clifford DL, Foley JE. 2021. [Leptospira prevalence and its association with renal pathology in mountain lions \(\*Puma concolor\*\) and bobcats \(\*Lynx rufus\*\) in California, USA.](#) The Journal of Wildlife Diseases. 57(1):27-39.

Dellinger JA, Macon DK, Clifford DL, Torres SG. 2021. [Temporal trends and drivers of mountain lion predation in California, USA.](#) Human-Wildlife Interactions. 15(1):162-77.

Dellinger JA, Torres SG. 2020. [A retrospective look at mountain lion populations in California \(1906-2018\).](#) California Fish and Wildlife Journal. 106(1):66-85.

Dellinger JA, Cristescu B, Ewanyk J, Gammons DJ, Garcelon D, Johnston P, Martins Q, Thompson C, Vickers TW, Wilmers CC, Wittmer HU. 2020. [Using mountain lion habitat selection in management.](#) The Journal of Wildlife Management. 84(2):359-71.

Dellinger JA, Gustafson KD, Gammons DJ, Ernest HB, Torres SG. 2020. [Minimum habitat thresholds required for conserving mountain lion genetic diversity.](#) Ecology and Evolution. 10(19):10687-96.

Bleich VC, PIERCE B, Ernest HB, Villepique JT. 2020. [Hematology of mountain lions \(\*Puma concolor\*\) in the Sierra Nevada, California, USA: effect of sex, season, or location?](#) California Fish and Game. 106(2):156-69.

Bleich VC, Pierce BM, Villepique JT, Ernest HB. 2019. [Serum chemistry of wild, free-ranging mountain lions \(\*Puma concolor\*\) in the eastern Sierra Nevada, California, USA.](#) California Fish and Game. 105(2):72-86.

Dellinger JA, Darby NW, Torres SG. 2019. [Factors influencing occupancy and detection rates of mountain lions in the Mojave Desert of California.](#) The Southwestern Naturalist. 63(4):248-55.

German DW, Stephenson TR. 2018. [Cost-benefit analysis of mountain lion management for the recovery of endangered Sierra Nevada bighorn sheep.](#) In Proceedings of the Vertebrate Pest Conference. 28: 28.

Dellinger JA, Loft ER, Bertram RC, Neal DL, Kenyon MW, Torres SG. 2018. [Seasonal spatial ecology of mountain lions \(\*Puma concolor\*\) in central Sierra Nevada.](#) Western North American Naturalist. 78(2):143-56.

Wisely SW, Parker B, Rudd J, Clifford D. 2018. [Investigating Pseudorabies Virus as a Mortality Factor for California Mountain Lions.](#) In Proceedings of the Vertebrate Pest Conference. 28, 28.

Rudd JL, McMillin SC, Kenyon Jr MW, Clifford DL, Poppenga RH. 2018. [Prevalence of first and second-generation anticoagulant rodenticide exposure in California mountain lions \(\*Puma concolor\*\).](#) In Proceedings of the Vertebrate Pest Conference. 28.



DiSalvo AR, Reilly CM, Wiggans KT, Woods LW, Wack RF, Clifford DL. 2016. [Photoreceptor degeneration in a mountain lion cub \(\*Puma concolor\*\)](#). Journal of Zoo and Wildlife Medicine. 47(4):1077-80.

McClanahan KA, Duplisea BN, Dellinger JA, Kenyon MW. 2017. [Documentation of mountain lion occurrence and reproduction in the Sacramento Valley of California](#). California Fish and Game. 103(1):7-14.

Ernest HB, Vickers TW, Morrison SA, Buchalski MR, Boyce WM. 2014. [Fractured genetic connectivity threatens a southern California puma \(\*Puma concolor\*\) population](#). PloS one. 9(10):e107985.

Johnson HE, Hebblewhite MH, Stephenson TR, German DW, Pierce BM, and Bleich VB. 2013. [Evaluating apparent competition in limiting the recovery of an endangered ungulate](#). Oecologia. 171(1):295-307.

Pierce BM, Bleich VC, Monteith KL, Bowyer RT. 2012. [Top-down versus bottom-up forcing: evidence from mountain lions and mule deer](#). Journal of Mammalogy. 14;93(4):977-88.

Foley JE, Swift P, Fleer KA, Torres S, Girard YA, Johnson CK. 2013. [Risk factors for exposure to feline pathogens in California mountain lions \(\*Puma concolor\*\)](#). Journal of wildlife diseases. 49(2):279-93.

Girard YA, Swift P, Chomel BB, Kasten RW, Fleer K, Foley JE, Torres SG, Johnson CK. 2012. Zoonotic vector-borne bacterial pathogens in California mountain lions (*Puma concolor*), 1987–2010. Vector-Borne and Zoonotic Diseases. 12(11):913-21.

Villepique JT, Pierce BM, Bleich VC, Bowyer RT. 2011. [Diet of cougars \(\*Puma concolor\*\) following a decline in a population of mule deer \(\*Odocoileus hemionus\*\): lack of evidence for switching prey](#). Southwestern Naturalist 56(2):187-192.

Bleich VC. 2005. [In my opinion: politics, promises, and illogical legislation confound wildlife conservation](#). Wildlife Society Bulletin. 33(1):66-73.

Ernest HB, Boyce WM, Bleich VC, May V, Stiver SJ, Torres SG. 2003. [Genetic structure of mountain lion \(\*Puma concolor\*\) populations in California](#). Conservation Genetics 4:353-366

Pierce BM, Bleich VC, Bowyer RT. 2000. [Social organization of mountain lions: does a land-tenure system regulate population size?](#). Ecology. 81(6):1533-43.

Bleich VC, Pierce BM, Torres SG, Lupo T. 2000. Using space age technology to study mountain lion ecology. Outdoor California. 61(3):24-5.

Torres SG, Lupo T. 2000. Statewide model helps biologists understand mountain lion's habitat loss. Outdoor California. 61(3):22.

Bleich VC, Bowyer RT, Wehausen JD. 1997. [Sexual segregation in mountain sheep: resources or predation?](#). Wildlife Monographs. 1:3-50.



Pierce BM, Bleich VC, Chetkiewicz CL, Wehausen JD. 1998. [Timing of feeding bouts of mountain lions](#). Journal of Mammalogy. 79(1):222-6.

Torres SG, Mansfield TM, Foley JE, Lupo T, Brinkhaus A. 1996. [Mountain lion and human activity in California: testing speculations](#). Wildlife Society Bulletin 24:451- 394 460.

Wehausen JD. 1996. [Effects of mountain lion predation on bighorn sheep in the Sierra Nevada and Granite Mountains of California](#). Wildlife Society Bulletin 24:3, 471-279.

Bleich VC, Pierce BM, Davis JL, Davis VL. 1996. [Thermal characteristics of mountain lion dens](#). The Great Basin Naturalist. 1:276-8.

Mansfield TM, Torres SG. 1994. [Trends in mountain lion depredation and public safety threats in California](#). In Proceedings of the Vertebrate Pest Conference.

Fitzhugh EL, and Gorenzel WP. 1986. [The biological status of the California mountain lion](#). Vertebrate Pest Conference 12:336-346.

California Department of Fish and Game. 1984. Computer simulation model for mountain lions. California Department of Fish and Game, Sacramento, 8pp

Mansfield TM and Weaver R. 1989. The status of mountain lions in California. Transactions of the Western Section of the Wildlife Society 25:72-76.

McLean DD. 1954. Mountain lions in California. California Fish and Game 40:147-166

### Technical Reports

Gammons D, Davis JL, German DW, Denryter K, Wehausen JD, Stephenson TR. (2021) [Predation impedes recovery of Sierra Nevada bighorn sheep](#). California Fish and Wildlife Special CESA. California Department of Fish and Wildlife.

Forshee SC. 2018. [Life on the Edge: Risk of Predation Drives Selection of Habitat and Survival of Neonates in Endangered Sierra Nevada Bighorn Sheep](#). University of Montana.

Pierce BM and Bleich VC. 2003. [Mountain lion. Wild Mammals of North America](#). The Johns Hopkins University Press.

Stevens EH. 1999. [Predator damage management to protect the federally endangered bighorn sheep, California](#). USWS. U.S. Fish and Wildlife Service.

Bleich VC and Pierce BM. 2007. [Cougar management guidelines](#). Records of North American Big Game, 12th Edition. Conservation Connection.

Weaver RA. 1982. Status of the mountain lion in California with recommendations for management. California Department of Fish and Game, Sacramento, 24pp.

Sitton LW, Sitton S, Weaver RA. 1978. [Mountain lion predation on livestock in California](#). Annual Fisheries, Wildlife Societies Conference.



Sitton LW, and Weaver RA. 1977. California mountain lion investigations with recommendations for management. California Department of Fish and Game, Sacramento, 35pp.

Sitton LW, Wallen S, Weaver RA, Macgregor WG. 1976. California mountain lion study. California Department of Fish and Game, Sacramento, 40pp