Ackerly et al. 2010

Ackerly, D. D., Loarie, S. R., Cornwell, W. K., Weiss, S. B., Hamilton, H., Branciforte, R., & Kraft, N. J. B. (2010). The geography of climate change: implications for conservation biogeography. *Diversity and Distributions*, *16*(3), 476–487. doi:10.1111/j.1472-4642.2010.00654.x

Angert et al. 2011

Angert, A. L., Crozier, L. G., Rissler, L. J., Gilman, S. E., Tewksbury, J. J., & Chunco, A. J. (2011). Do species’ traits predict recent shifts at expanding range edges? *Ecology letters*, *14*(7), 677–89. doi:10.1111/j.1461-0248.2011.01620.x

Beever et al, 2003

Beever, E., Brussard, P., & Berger, J. (2003). Patterns of apparent extirpation among isolated populations of pikas (Ochotona princeps) in the Great Basin. *Journal of Mammalogy*, *84*(1), 37–54. Retrieved from http://www.asmjournals.org/perlserv/?request=get-abstract&doi=10.1644%2F1545-1542(2003)084%3C0037%3APOAEAI%3E2.0.CO%3B2

Beever et al, 2011

Beever, E. a., Ray, C., Wilkening, J. L., Brussard, P. F., & Mote, P. W. (2011). Contemporary climate change alters the pace and drivers of extinction. *Global Change Biology*, *17*(6), 2054–2070. doi:10.1111/j.1365-2486.2010.02389.x

Bonfils et al. 2008

Bonfils, C., Duffy, P. B., Santer, B. D., Wigley, T. M. L., Lobell, D. B., Phillips, T. J., & Doutriaux, C. (2008). Identification of external influences on temperatures in California. *Climatic Change*, *87*(S1), 43–55. doi:10.1007/s10584-007-9374-9

Nouges-Bravo et al, 2008

Nogués-Bravo, D., Araújo, M. B., Romdal, T., & Rahbek, C. (2008). Scale effects and human impact on the elevational species richness gradients. *Nature*, *453*(7192), 216–9. doi:10.1038/nature06812

Brown et al. 1996

Brown, J. H., Stevens, G. C., & Kaufman, D. M. (1996). THE GEOGRAPHIC RANGE: Size, Shape, Boundaries, and Internal Structure. *Annual Review of Ecology and Systematics*, *27*(1), 597–623. doi:10.1146/annurev.ecolsys.27.1.597

Burnham and Anderson, 2002

Burnham, K., & Anderson, D. (2002). *Model selection and multi-model inference: a practical information-theoretic approach*. Springer.

Chen et al. 2011

Chen, I.-C., Hill, J. K., Ohlemüller, R., Roy, D. B., & Thomas, C. D. (2011). Rapid range shifts of species associated with high levels of climate warming. *Science (New York, N.Y.)*, *333*(6045), 1024–6. doi:10.1126/science.1206432

Crimmins et al, 2011

Crimmins, S. M., Dobrowski, S. Z., Greenberg, J. a, Abatzoglou, J. T., & Mynsberge, A. R. (2011). Changes in climatic water balance drive downhill shifts in plant species’ optimum elevations. *Science (New York, N.Y.)*, *331*(6015), 324–7. doi:10.1126/science.1199040

Daly et al. 2002

Daly, C., Gibson, W., & Taylor, G. (2002). A knowledge-based approach to the statistical mapping of climate. *Climate …*, *22*, 99–113. Retrieved from ftp://ocid.nacse.org/pub/prism/docs/climres02-kb\_approach\_statistical\_mapping-daly.pdf

Davey et al. 2013

Davey, C. M., Devictor, V., Jonzén, N., Lindström, A., & Smith, H. G. (2013). Impact of climate change on communities: revealing species’ contribution. *The Journal of animal ecology*, 551–561. doi:10.1111/1365-2656.12035

Forister et al 2010

Forister, M. L., McCall, A. C., Sanders, N. J., Fordyce, J. a, Thorne, J. H., O’Brien, J., … Shapiro, A. M. (2010). Compounded effects of climate change and habitat alteration shift patterns of butterfly diversity. *Proceedings of the National Academy of Sciences of the United States of America*, *107*(5), 2088–92. doi:10.1073/pnas.0909686107

Grinnell, 1910

Grinnell, Joseph. "The methods and uses of a research museum." *The Popular Science Monthly* 77 (1910): 163-169.

Grinnell, 1917

Grinnell, J. (1917). The Niche-Relationships of the California Thrasher. *The Auk*, *34*(4), 427–433. Retrieved from http://www.jstor.org/stable/10.2307/4072271

Grinnell and Storer, 1924

Grinnell, Joseph, and Tracy Irwin Storer. (1924). *Animal life in the Yosemite: an account of the mammals, birds, reptiles, and amphibians in a cross-section of the Sierra Nevada*. University Press.

Grinnell et al, 1930

Grinnell, Joseph, Joseph Scattergood Dixon, and Jean Myron Linsdale. (1930).*Vertebrate natural history of a section of northern California through the Lassen Peak region*. Vol. 35. University of California Press.

Hargrove and Rotenberry, 2011

Hargrove, L., & Rotenberry, J. T. (2011). Breeding success at the range margin of a desert species: implications for a climate-induced elevational shift. *Oikos*, *120*(10), 1568–1576. doi:10.1111/j.1600-0706.2011.19284.x

Harrison et al. 2010

Harrison, S. (2010). Ecological contingency in the effects of climatic warming on forest herb communities. *Proceedings of the National Academy of Sciences of the United States of America*. doi:10.1073/pnas.1006823107/-/DCSupplemental.www.pnas.org/cgi/doi/10.1073/pnas.1006823107

Hill et al. 2011

Hill, J. K., Griffiths, H. M., & Thomas, C. D. (2011). Climate change and evolutionary adaptations at species’ range margins. *Annual review of entomology*, *56*, 143–59. doi:10.1146/annurev-ento-120709-144746

Johnson, 1998

Johnson, T. R. 1998 Climate change and Sierra Nevada snowpack. M.S. Thesis, Geography. University of California, Santa Barbara, CA, USA.

Kelly and Goulden, 2008

Kelly, A. E., & Goulden, M. L. (2008). Rapid shifts in plant distribution with recent climate change. *Proceedings of the National Academy of Sciences of the United States of America*, *105*(33), 11823–6. doi:10.1073/pnas.0802891105

Lenoir et al, 2008

Lenoir, J., Gégout, J. C., Marquet, P. a, de Ruffray, P., & Brisse, H. (2008). A significant upward shift in plant species optimum elevation during the 20th century. *Science (New York, N.Y.)*, *320*(5884), 1768–71. doi:10.1126/science.1156831

Mackenzie et al, 2002

MacKenzie, D., Nichols, J., & Lachman, G. (2002). Estimating site occupancy rates when detection probabilities are less than one. *Ecology*, *83*(8), 2248–2255.

MacKenzie et al. 2006

MacKenzie, Darryl I., ed. (2006). *Occupancy estimation and modeling: inferring patterns and dynamics of species occurrence*. Elsevier.

Millar and Westfall 2010

Millar, C. I., & Westfall, R. D. (2010). Distribution and Climatic Relationships of the American Pika (Ochotona princeps) in the Sierra Nevada and Western Great Basin, U.S.A.; Periglacial Landforms as Refugia in Warming Climates. *Arctic, Antarctic, and Alpine Research*, *42*(1), 76–88. doi:10.1657/1938-4246-42.1.76

Morelli et al., 2012

Morelli, T. L., Smith, A. B., Kastely, C. R., Mastroserio, I., Moritz, C., & Beissinger, S. R. (2012). Anthropogenic refugia ameliorate the severe climate-related decline of a montane mammal along its trailing edge. *Proceedings. Biological sciences / The Royal Society*, *279*(1745), 4279–86. doi:10.1098/rspb.2012.1301

Moritz et al, 2008

Moritz, C., Patton, J. L., Conroy, C. J., Parra, J. L., White, G. C., & Beissinger, S. R. (2008). Impact of a century of climate change on small-mammal communities in Yosemite National Park, USA. *Science (New York, N.Y.)*, *322*(5899), 261–4. doi:10.1126/science.1163428

Moser et al., 2009

Moser, S., Franco, G., Pittiglio, S., Chou, W., & Cayan, D. (2009). "The future is now: an update on climate change science impacts and response options for California." *California Energy Commission Public Interest Energy Research Program CEC-500-2008-071*

Myers et al. 2000

Myers, N., Mittermeier, R. a, Mittermeier, C. G., da Fonseca, G. a, & Kent, J. (2000). Biodiversity hotspots for conservation priorities. *Nature*, *403*(6772), 853–8. doi:10.1038/35002501

Parmesan and Yohe, 2003

Parmesan, C., & Yohe, G. (2003). A globally coherent fingerprint of climate change impacts across natural systems. *Nature*, *421*(6918), 37–42. doi:10.1038/nature01286

Parmesan et al, 1999

Parmesan, C., Ryrholm, N., Stefanescus, C., Hill, J. K., Thomas, C. D., Descimon, H., Huntley, B., Kaila, L., Kullberg, J., Tammaru, T., et al. (1999) "Poleward shifts in geographical ranges of butterfly species associated with regional warming." *Nature* 399: 579-583.

Parmesan, 2006

Parmesan, C. (2006). Ecological and Evolutionary Responses to Recent Climate Change. *Annual Review of Ecology, Evolution, and Systematics*, *37*(1), 637–669. doi:10.1146/annurev.ecolsys.37.091305.110100

Rapacciuolo et al. In Review

Rapacciuolo, G., Maher, S. P., Schneider, A. C., Hammond, T. T., Jabis, D., Walsh, R. E., … Beissinger, S. R. (n.d.). Beyond a warming fingerprint : individualistic biogeographic responses to heterogeneous climate change in California, 1–41.

Root et al, 2003

Root, T., Price, J., & Hall, K. (2003). Fingerprints of global warming on wild animals and plants. *Nature*, (tier 2), 57–60. doi:10.1038/nature01309.1.

Rowe et al. 2009

Rowe, R. J., Finarelli, J. a., & Rickart, E. a. (2009). Range dynamics of small mammals along an elevational gradient over an 80-year interval. *Global Change Biology*, no–no. doi:10.1111/j.1365-2486.2009.02150.x

Rowe et al. 2011

Rowe, R., Terry, R., & Rickart, E. (2011). Environmental change and declining resource availability for small-mammal communities in the Great Basin. *Ecology*, *92*(6). Retrieved from http://www.esajournals.org/doi/abs/10.1890/10-1634.1

Rubidge, et al, 2010

Rubidge, Emily. (2010). The effects of climate and habitat change on the distribution and genetic diversity of chipmunks in the Sierra Nevada, California. UC Berkeley: Environmental Science, Policy, & Management.

Rubidge et al. 2011

Rubidge, E. M., Monahan, W. B., Parra, J. L., Cameron, S. E., & Brashares, J. S. (2011). The role of climate, habitat, and species co-occurrence as drivers of change in small mammal distributions over the past century. *Global Change Biology*, *17*(2), 696–708. doi:10.1111/j.1365-2486.2010.02297.x

Rubidge et al., 2012

Rubidge, E. M., Patton, J. L., Lim, M., Burton, a. C., Brashares, J. S., & Moritz, C. (2012). Climate-induced range contraction drives genetic erosion in an alpine mammal. *Nature Climate Change*, *2*(4), 285–288. doi:10.1038/nclimate1415

Santos et al. XXX

Schloss et al. 2012

Schloss, C. (2012). Dispersal will limit ability of mammals to track climate change in the Western Hemisphere. *Proceedings of the …*, *2012*. doi:10.1073/pnas.1116791109/-/DCSupplemental.www.pnas.org/cgi/doi/10.1073/pnas.1116791109

Stralberg et al. 2009

Stralberg, D., Jongsomjit, D., Howell, C. a, Snyder, M. a, Alexander, J. D., Wiens, J. a, & Root, T. L. (2009). Re-shuffling of species with climate disruption: a no-analog future for California birds? *PloS one*, *4*(9), e6825. doi:10.1371/journal.pone.0006825

Sumner and Dixon, 1953

Sumner, Lowell, and Joseph S. Dixon. (1953)."Birds and mammals of the Sierra Nevada."

Thomas et al. 2004

Thomas, C. D., Cameron, A., Green, R. E., Bakkenes, M., Beaumont, L. J., Collingham, Y. C., … Williams, S. E. (2004). Extinction risk from climate change. *Nature*, *427*(6970), 145–8. doi:10.1038/nature02121

Thomas and Lennon 1999

Thomas, C., & Lennon, J. (1999). Birds extend their ranges northwards. *Nature*, *399*(May), 6505.

Tingley & Beissinger, 2009

Tingley, M. W., & Beissinger, S. R. (2009). Detecting range shifts from historical species occurrences: new perspectives on old data. *Trends in ecology & evolution*, *24*(11), 625–33. doi:10.1016/j.tree.2009.05.009

Tingley and Beissinger 2013

Tingley, M., & Beissinger, S. (2013). Cryptic loss of montane avian richness and high community turnover over 100 years. *Ecology*, *94*(3), 598–609. Retrieved from http://www.esajournals.org/doi/abs/10.1890/12-0928.1?mi=3eywlh&af=R&searchText=human+population

Tingley et al, 2009

Tingley, M. W., Monahan, W. B., Beissinger, S. R., & Moritz, C. (2009). Birds track their Grinnellian niche through a century of climate change. *Proceedings of the National Academy of Sciences of the United States of America*, *106 Suppl* , 19637–43. doi:10.1073/pnas.0901562106

Tingley et al 2012

Tingley, M., Koo, M., & Moritz, C. (2012). The push and pull of climate change causes heterogeneous shifts in avian elevational ranges. *Global Change …*, *18*(11), 3279–3290. doi:10.1111/j.1365-2486.2012.02784.x

Vaughn, et al, 2000

Vaughan, Terry, James Ryan, and Nicholas Czaplewski. 2011. *Mammalogy*. Jones & Bartlett Learning,.

Walther, 2002

Walther, G., Post, E., Convey, P., & Menzel, A. (2002). Ecological responses to recent climate change. *Nature*, *416*, 389–395. Retrieved from http://www.nature.com/nature/journal/v416/n6879/abs/416389a.html

White and Burnham, 1999

White, G., & Burnham, K. (1999). Program MARK: survival estimation from populations of marked animals. *Bird study*, *46*(sup001), S120–S139. doi:10.1080/00063659909477239

Wieczorek, et al., 2004

Wieczorek, John, Qinghua Guo, and Robert Hijmans. "The point-radius method for georeferencing locality descriptions and calculating associated uncertainty." *International journal of geographical information science* 18.8 (2004): 745-767.

Wiens et al. 2011

Wiens, J. a., Seavy, N. E., & Jongsomjit, D. (2011). Protected areas in climate space: What will the future bring? *Biological Conservation*, *144*(8), 2119–2125. doi:10.1016/j.biocon.2011.05.002

Wilson et al. 2007

Wilson, R. J., Gutiérrez, D., Gutiérrez, J., & Monserrat, V. J. (2007). An elevational shift in butterfly species richness and composition accompanying recent climate change. *Global Change Biology*, *13*(9), 1873–1887. doi:10.1111/j.1365-2486.2007.01418.x

Yang et al. 2011

YANG, DOU‐SHUAN, Chris J. Conroy, and Craig Moritz. "Contrasting responses of Peromyscus mice of Yosemite National Park to recent climate change." *Global Change Biology* 17.8 (2011): 2559-2566.