

Annual Report 2015
Center for Biodiversity and Conservation

Scientific Publications

Bennett, N. J., R. Roth, S. Klain, K. M. A. Chan, D. A. Clark, G. Cullman, G. Epstein, M. P. Nelson, R. Stedman, T. L. Teel, R. E. W. Thomas, and C. Wyborn. 2015. The Conservation Social Sciences: An Overview and A Process for Setting a Research Agenda. Pages 63-77 in N. J. Bennett and R. Roth, editors. *The Conservation Social Sciences: What?, How? and Why?* Canadian Wildlife Federation and Institute for Resources, Environment and Sustainability, University of British Columbia, Vancouver, British Columbia. Available from:
<https://dspace.library.uvic.ca//handle/1828/5789>

Cornelisse, T. M. and E. Betley, editors. 2015. *Lessons in Conservation*. American Museum of Natural History, Center for Biodiversity and Conservation, Network of Conservation Educators and Practitioners. Issue No. 5. Available from: <http://ncep.amnh.org/linc>

Cullman, G. 2015. Community Forest Management as Virtualism. *Human Ecology* 43(1): 29-41. Available from: <http://link.springer.com/article/10.1007/s10745-015-9725-5>

Cullman, G. 2015. A Primer on Environmental Anthropology for Conservation Biologists. Pages 7-11 in N. J. Bennett and R. Roth, editors. *The Conservation Social Sciences: What?, How? and Why?* Canadian Wildlife Federation and Institute for Resources, Environment and Sustainability, University of British Columbia. Vancouver, British Columbia. Available from: <https://dspace.library.uvic.ca//handle/1828/5789>

Cullman, G. 2014. Drawing on Environmental Anthropology for Biocultural Approach to Conservation. *Anthropology News* 55 (7): e32–e59.

Derlindati E.J., M. C. Romano, N.N. Cruz, C. Barisón, F. Arengo and I. M. Barberis. 2014. Seasonal activity patterns and abundance of Andean Flamingos (*Phoenicoparrus andinus*) at two contrasting wetlands in Argentina. *Ornitologia Neotropical* 25: 317–331.

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Jedlicka J. A., D.K. Letourneau, and T. M. Cornelisse. 2014. Establishing songbird nest boxes increased avian insectivores and reduced herbivorous arthropods in a Californian vineyard. *Conservation Evidence* 11: 34-38.

McFadden, K., A. Gomez, E. J. Sterling, and E. Naro-Maciel. 2014. Potential impacts of historical disturbance on green turtle health in the unique & protected marine ecosystem of Palmyra Atoll (Central Pacific). *Marine Pollution Bulletin* 89 (1-2): 160-167. DOI:10.1016/j.marpolbul.2014.10.012

Porzecanski, A.L. and A. Bravo, co-editors. 2014. *Lessons in Conservation*. American Museum of Natural History, Center for Biodiversity and Conservation, Network of Conservation Educators and Practitioners. Special case studies edition. Issue No. 4. Available from: <http://ncep.amnh.org/linc>

Rose, R. A., D. Byler, J. R. Eastman, E. Fleishman, G. Geller, S. Goetz, L. Guild, H. Hamilton, M. Hansen, R. Headley, J. Hewson, N. Horning, B. A. Kaplin, N. Laporte, A. Leidner, P. Leimgruber, J. Morissette, J. Musinsky, L. Pintea, A. Prados, V. C. Radeloff, M. Rowen, S. Saatchi, S. Schill, K. Tabor, W. Turner, A. Vodacek, J. Vogelmann, M. Wegmann, D. Wilkie, D., and C. Wilson, C. 2015. Ten ways remote sensing can contribute to conservation. *Conservation Biology* 29: 350–359. DOI: 10.1111/cobi.12397

Stanton, J. C., K. T. Shoemaker, R. G. Pearson, H. R. Akçakaya. 2014. Warning times for species extinctions due to climate change. *Global Change Biology* 21(3): 1066-1077. DOI: 10.1111/gcb.12721

Sterling, E.J. 2014. Des indicateurs de résilience au service des politiques. [Resilience indicators in the policy realm.] Page 161 in P. M. Forget, M. Hossaert-McKey and O. Poncy, editors. *Écologie tropicale: de l'ombre à la lumière*. Institut écologie et environnement (INEE) du CNRS. Cherche-Midi, Paris, France.

Sterling, E.J., G. Cullman, W. Housty, J. Housty, C. Filardi. 2014. The Benefits of Drawing on Multiple Knowledge Systems for Conservation Decision Making. *Science Chronicles* September: 3-7. Available from: <https://www.conservationgateway.org/ScienceChronicles/Pages/sc0914.aspx>

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Weckel, M., D. A. Bogan, R. L. Burke, C. Nagy, W. F. Siemer, and T. Green. 2015. Coyotes go “Bridge and Tunnel”: A Narrow Opportunity to Study the Socio-ecological Impacts of Coyote Range Expansion on Long Island, NY Pre- and Post-Arrival. *Cities and the Environment* 8 (1). Article 5. Available from: <http://digitalcommons.lmu.edu/cate/vol8/iss1/5/>

In Press, Review, or, Revision

Andersen, M. J., P.A. Hosner, C.E. Filardi, and R.G. Moyle. (In review). Phylogeny of the monarch flycatchers reveals extensive paraphyly and novel relationships within a major Australo-Pacific radiation. *Molecular Phylogenetics and Evolution*.

Bevanda, M., N. Horning, B. Reineking, M. Heurich, M. Wegmann and J. Mueller. (In revision) Adding structure to land cover: using fractional cover to study animal habitat selection. *Movement Ecology*.

Bravo, A., A. L. Porzecanski, E.J. Sterling, N. Bynum, M. Cawthorn, D. Fernandez, L. Freeman, S. Ketcham, T. Leslie, J. Mull, and D. Vogler. (In review). Teaching for higher levels of thinking: developing quantitative and analytical skills in undergraduate science courses. *CBE Life Sciences Education Journal*.

Chiou, K.L. and M.E. Blair. (In press) Modeling niches and mapping distributions: progress and promise of ecological niche models for primate research. In *GPS and GIS for primatologists: A practical guide to spatial analysis*. In C.A. Shaffer, F. Dolins, J.R. Hickey, N.P. Nibbelink, and L. Porter, editors. Cambridge University Press, Cambridge UK.

Nagy, C. M., C. Koestner, S. Clemente, and M. Weckel. (In review). Occupancy and breeding status of Coyotes in New York City Parks, 2011 to 2014. *Urban Naturalist*.

Sterling, E.J. and E. Betley. (In review). Food and water exhibitions: a lens on climate change. In L. Robin, J. Newell, and K. Wehner, editors. *Curating Culture: Museums, Communities, and Climate Change*. Routledge, London, UK.

Tershy, B., S. Harrison, A. Borker, T. Cornelisse, B. Sinervo, D. Spatz, C. Li, D. Croll and E. Zavaleta. (In press). California Invertebrates. Chapter 11 in *California's biodiversity*. H. Mooney and E. Zavaleta, editors. *Ecosystems of California*, University of California Press, Oakland, CA.

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Weckel, M. (In review). A controlled bow hunt at a suburban nature preserve in Westchester County, NY. In *Deer Management for Forest Landowners and Managers*. CRC Press, Boca Raton, FL.

Weckel, M., and A. Wincorn. (In review). The northeastern coyote: a flagship for urban conservation in the northeastern United States. *Landscape and Urban Planning*.