

BIOL420

Conservation Ecology

[View Online](#)

Akçakaya, H.R. et al. (2018) 'Quantifying species recovery and conservation success to develop an IUCN Green List of Species', *Conservation Biology* [Preprint]. Available at: <https://doi.org/10.1111/cobi.13112>.

Allen et al. (no date) 'The Comparative Effects of Large Carnivores on the Acquisition of Carrion by Scavengers - 681004'. Available at: <http://www.journals.uchicago.edu/doi/pdfplus/10.1086/681004>.

Allen, M.L. et al. (2016) 'The importance of motivation, weapons, and foul odors in driving encounter competition in carnivores', *Ecology*, 97(8), pp. 1905–1912. Available at: <https://doi.org/10.1002/ecy.1462>.

Anderson, D.R. and Burnham, K.P. (2002) 'Avoiding Pitfalls When Using Information-Theoretic Methods', *The Journal of Wildlife Management*, 66(3). Available at: <https://doi.org/10.2307/3803155>.

Anderson, D.R., Burnham, K.P. and Thompson, W.L. (2000) 'Null Hypothesis Testing: Problems, Prevalence, and an Alternative', *The Journal of Wildlife Management*, 64(4). Available at: <https://doi.org/10.2307/3803199>.

Ant Maddock, Grant A. Benn, Dave N. Johnson, C. Rob Scott-Shaw, Truman Young, Alexander H. Harcourt, Michael Clinchy and Charles J. Krebs (1997) 'Letters', *Conservation Biology*, 11(4), pp. 831–833. Available at: http://www.jstor.org/stable/2387315?seq=1#page_scan_tab_contents.

ARMSTRONG, D. and SEDDON, P. (2008) 'Directions in reintroduction biology', *Trends in Ecology & Evolution*, 23(1), pp. 20–25. Available at: <https://doi.org/10.1016/j.tree.2007.10.003>.

ARMSTRONG, D.P., CASTRO, I. and GRIFFITHS, R. (2007) 'Using adaptive management to determine requirements of re-introduced populations: the case of the New Zealand hihi', *Journal of Applied Ecology*, 44(5), pp. 953–962. Available at: <https://doi.org/10.1111/j.1365-2664.2007.01320.x>.

Bar-On, Y.M., Phillips, R. and Milo, R. (2018) 'The biomass distribution on Earth', *Proceedings of the National Academy of Sciences* [Preprint]. Available at: <https://doi.org/10.1073/pnas.1711842115>.

Berger-Tal, O. et al. (2016) 'A systematic survey of the integration of animal behavior into conservation', *Conservation Biology*, 30(4), pp. 744–753. Available at: <https://doi.org/10.1111/cobi.12654>.

Berkes, F., Colding, J. and Folke, C. (2000) 'REDISCOVERY OF TRADITIONAL ECOLOGICAL KNOWLEDGE AS ADAPTIVE MANAGEMENT', *Ecological Applications*, 10(5), pp. 1251–1262. Available at: <https://doi.org/10.2307/2641280>.

Blackburn, T.M. et al. (2011) 'A proposed unified framework for biological invasions', *Trends in Ecology & Evolution*, 26(7), pp. 333–339. Available at: <https://doi.org/10.1016/j.tree.2011.03.023>.

Brakes, P. et al. (2019) 'Animal cultures matter for conservation', *Science*, 363(6431), pp. 1032–1034. Available at: <https://doi.org/10.1126/science.aaw3557>.

Camille, Parmesan (no date) 'Ecological and Evolutionary Responses to Recent Climate Change'. Available at: <http://www.annualreviews.org/doi/pdf/10.1146/annurev.ecolsys.37.091305.110100>.

Chauvenet, A.L.M. et al. (2013) 'Maximizing the success of assisted colonizations', *Animal Conservation*, 16(2), pp. 161–169. Available at: <https://doi.org/10.1111/j.1469-1795.2012.00589.x>.

Dawson, T.P. et al. (2011) 'Beyond Predictions: Biodiversity Conservation in a Changing Climate', *Science*, 332(6025), pp. 53–58. Available at: <https://doi.org/10.1126/science.1200303>.

DeCesare, N.J. et al. (2009) 'Endangered, apparently: the role of apparent competition in endangered species conservation', *Animal Conservation*, 13(4), pp. 353–362. Available at: <https://doi.org/10.1111/j.1469-1795.2009.00328.x>.

Elbroch, L.M. et al. (2015) 'Nowhere to hide: pumas, black bears, and competition refuges', *Behavioral Ecology*, 26(1), pp. 247–254. Available at: <https://doi.org/10.1093/beheco/aru189>.

Fahrig, L. (2017) 'Ecological Responses to Habitat Fragmentation Per Se', *Annual Review of Ecology, Evolution, and Systematics*, 48(1), pp. 1–23. Available at: <https://doi.org/10.1146/annurev-ecolsys-110316-022612>.

Fahrig, L. et al. (2019) 'Is habitat fragmentation bad for biodiversity?', *Biological Conservation*, 230, pp. 179–186. Available at: <https://doi.org/10.1016/j.biocon.2018.12.026>.

Fletcher, R.J. et al. (2018) 'Is habitat fragmentation good for biodiversity?', *Biological Conservation*, 226, pp. 9–15. Available at: <https://doi.org/10.1016/j.biocon.2018.07.022>.

Graeme Caughley (1994) 'Directions in Conservation Biology', *Journal of Animal Ecology*, 63(2), pp. 215–244. Available at: http://www.jstor.org/stable/5542?sid=primo&origin=crossref&seq=1#page_scan_tab_contents.

Greggor, A.L. et al. (2014) 'Comparative cognition for conservationists', *Trends in Ecology & Evolution*, 29(9), pp. 489–495. Available at: <https://doi.org/10.1016/j.tree.2014.06.004>.
van Heezik, Y. et al. (2010) 'Do domestic cats impose an unsustainable harvest on urban bird populations?', *Biological Conservation*, 143(1), pp. 121–130. Available at: <https://doi.org/10.1016/j.biocon.2009.09.013>.

van Heezik, Y. (2010) 'Pussyfooting around the issue of cat predation in urban areas', *Oryx*, 44(02). Available at: <https://doi.org/10.1017/S003060531000027X>.

Holmes, G., Sandbrook, C. and Fisher, J.A. (2017) 'Understanding conservationists' perspectives on the new-conservation debate', *Conservation Biology*, 31(2), pp. 353–363. Available at: <https://doi.org/10.1111/cobi.12811>.

Jucker, T. et al. (2018) 'Ten-year assessment of the 100 priority questions for global biodiversity conservation', *Conservation Biology*, 32(6), pp. 1457–1463. Available at: <https://doi.org/10.1111/cobi.13159>.

Linklater, W.L. et al. (2019) 'Prioritizing cat-owner behaviors for a campaign to reduce wildlife depredation', *Conservation Science and Practice*, 1(5). Available at: <https://doi.org/10.1111/csp2.29>.

Michael E. Soulé (1985) 'What Is Conservation Biology?', *BioScience*, 35(11), pp. 727–734. Available at: http://www.jstor.org/stable/1310054?seq=1#page_scan_tab_contents.

Michael, Soule (no date) 'The "New Conservation"'. Available at: <http://onlinelibrary.wiley.com/doi/10.1111/cobi.12147/epdf>.

Michelle, Marvier (no date) 'New Conservation is true Conservation'. Available at: <http://onlinelibrary.wiley.com/doi/10.1111/cobi.12206/epdf>.

Miller-Rushing, A.J. et al. (2019) 'How does habitat fragmentation affect biodiversity? A controversial question at the core of conservation biology', *Biological Conservation*, 232, pp. 271–273. Available at: <https://doi.org/10.1016/j.biocon.2018.12.029>.

Moller, H., Kitson, J.C. and Downs, T.M. (2009) 'Knowing by doing: Learning for sustainable muttonbird harvesting', *New Zealand Journal of Zoology*, 36(3), pp. 243–258. Available at: <https://doi.org/10.1080/03014220909510153>.

Murtaugh, P.A. (2014) 'In defense of values', *Ecology*, 95(3), pp. 611–617. Available at: <https://doi.org/10.1890/13-0590.1>.

O'Dowd, D.J., Green, P.T. and Lake, P.S. (2003) 'Invasional "meltdown" on an oceanic island', *Ecology Letters*, 6(9), pp. 812–817. Available at: <https://doi.org/10.1046/j.1461-0248.2003.00512.x>.

PE'ER, G. et al. (2013) 'A Protocol for Better Design, Application, and Communication of Population Viability Analyses', *Conservation Biology*, 27(4), pp. 644–656. Available at: <https://doi.org/10.1111/cobi.12076>.

PETER M. VITOUSEK, CARLA M. D'ANTONIO, LLOYD L. LOOPE, MARCEL REJMÁNEK and RANDY WESTBROOKS (1997) 'INTRODUCED SPECIES: A SIGNIFICANT COMPONENT OF HUMAN-CAUSED GLOBAL CHANGE', *New Zealand Journal of Ecology*, 21(1), pp. 1–16. Available at: http://www.jstor.org/stable/24054520?seq=1#page_scan_tab_contents.

Philip W. Hedrick, Robert C. Lacy, Fred W. Allendorf and Michael E. Soulé (1996) 'Directions in Conservation Biology: Comments on Caughley', *Conservation Biology*, 10(5), pp. 1312–1320. Available at: http://www.jstor.org/stable/2386904?seq=1#page_scan_tab_contents.

Polfus, J.L., Heinemeyer, K. and Hebblewhite, M. (2014) 'Comparing traditional ecological knowledge and western science woodland caribou habitat models', *The Journal of Wildlife Management*, 78(1), pp. 112–121. Available at: <https://doi.org/10.1002/jwmg.643>.

Poore, J. and Nemecek, T. (2018) 'Reducing food's environmental impacts through producers and consumers', *Science*, 360(6392), pp. 987–992. Available at: <https://doi.org/10.1126/science.aaq0216>.

Ricciardi, A. and Simberloff, D. (2009) 'Assisted colonization is not a viable conservation strategy', *Trends in Ecology & Evolution*, 24(5), pp. 248–253. Available at: <https://doi.org/10.1016/j.tree.2008.12.006>.

Ruscoe, W.A. et al. (2011) 'Unexpected consequences of control: competitive vs. predator release in a four-species assemblage of invasive mammals', *Ecology Letters*, 14(10), pp. 1035–1042. Available at: <https://doi.org/10.1111/j.1461-0248.2011.01673.x>.

Russell, J.C. and Blackburn, T.M. (2017) 'The Rise of Invasive Species Denialism', *Trends in Ecology & Evolution*, 32(1), pp. 3–6. Available at: <https://doi.org/10.1016/j.tree.2016.10.012>.

Schwartz, M.W., Hellmann, J.J. and McLachlan, J.S. (2009) 'The precautionary principle in managed relocation is misguided advice', *Trends in Ecology & Evolution*, 24(9). Available at: <https://doi.org/10.1016/j.tree.2009.05.006>.

Seddon, P.J. (2010) 'From Reintroduction to Assisted Colonization: Moving along the Conservation Translocation Spectrum', *Restoration Ecology*, 18(6), pp. 796–802. Available at: <https://doi.org/10.1111/j.1526-100X.2010.00724.x>.

Serrouya, R. et al. (2019) 'Saving endangered species using adaptive management', *Proceedings of the National Academy of Sciences*, 116(13), pp. 6181–6186. Available at: <https://doi.org/10.1073/pnas.1816923116>.

Simberloff, D. et al. (2013) 'Impacts of biological invasions: what's what and the way forward', *Trends in Ecology & Evolution*, 28(1), pp. 58–66. Available at: <https://doi.org/10.1016/j.tree.2012.07.013>.

Steenweg, R. et al. (2017) 'Scaling-up camera traps: monitoring the planet's biodiversity with networks of remote sensors', *Frontiers in Ecology and the Environment*, 15(1), pp. 26–34. Available at: <https://doi.org/10.1002/fee.1448>.

SUTHERLAND, W.J. et al. (2009) 'One Hundred Questions of Importance to the Conservation of Global Biological Diversity', *Conservation Biology*, 23(3), pp. 557–567. Available at: <https://doi.org/10.1111/j.1523-1739.2009.01212.x>.

Taylor, G. et al. (2017) 'Is Reintroduction Biology an Effective Applied Science?', *Trends in Ecology & Evolution*, 32(11), pp. 873–880. Available at: <https://doi.org/10.1016/j.tree.2017.08.002>.

Thomas, C.D. et al. (2004) 'Extinction risk from climate change', *Nature*, 427(6970), pp. 145–148. Available at: <https://doi.org/10.1038/nature02121>.

UN Report: Nature's Dangerous Decline 'Unprecedented'; Species Extinction Rates

'Accelerating' - United Nations Sustainable Development (no date). Available at: <https://www.un.org/sustainabledevelopment/blog/2019/05/nature-decline-unprecedented-report/>.

Urban, M.C. (2015) 'Accelerating extinction risk from climate change', *Science*, 348(6234), pp. 571–573. Available at: <https://doi.org/10.1126/science.aaa4984>.

de Valpine, P. (2014) 'The common sense of values', *Ecology*, 95(3), pp. 617–621. Available at: <https://doi.org/10.1890/13-1271.1>.

Vitt, P., Havens, K. and Hoegh-Guldberg, O. (2009) 'Assisted migration: part of an integrated conservation strategy', *Trends in Ecology & Evolution*, 24(9), pp. 473–474. Available at: <https://doi.org/10.1016/j.tree.2009.05.007>.

Walters, C.J. and Holling, C.S. (1990) 'Large-Scale Management Experiments and Learning by Doing', *Ecology*, 71(6), pp. 2060–2068. Available at: <https://doi.org/10.2307/1938620>.

Walther, G.-R. et al. (2002) 'Ecological responses to recent climate change', *Nature*, 416(6879), pp. 389–395. Available at: <https://doi.org/10.1038/416389a>.

Ward-Fear, G. et al. (2016) 'Ecological immunization: training of free-ranging predatory lizards reduces their vulnerability to invasive toxic prey', *Biology Letters*, 12(1). Available at: <https://doi.org/10.1098/rsbl.2015.0863>.

'What Is Conservation Science?' (2012) *BioScience*, 62(11), pp. 962–969. Available at: <https://doi.org/10.1525/bio.2012.62.11.5>.

WITTMER, H.U. et al. (2013) 'Conservation Strategies for Species Affected by Apparent Competition', *Conservation Biology*, 27(2), pp. 254–260. Available at: <https://doi.org/10.1111/cobi.12005>.

Wittmer, H.U., Sinclair, A.R.E. and McLellan, B.N. (2005) 'The role of predation in the decline and extirpation of woodland caribou', *Oecologia*, 144(2), pp. 257–267. Available at: <https://doi.org/10.1007/s00442-005-0055-y>.