

Applied Ecology and Conservation

Level 3 Environmental Science and Sustainability course

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[1]

C. R. Townsend, Ecological applications: toward a sustainable world. Oxford: Blackwell, 2008.

[2]

A. Beeby and A.-M. Brennan, First ecology, 3rd edn. New York, N.Y.: Oxford University Press, 2008.

[3]

P. Cotgreave and I. Forseth, Introductory ecology. Oxford: Blackwell Publishers, 2002.

[4]

K. J. Gaston and J. I. Spicer, Biodiversity: an introduction, 2nd ed. Malden, Mass: Blackwell Pub, 2004.

[5]

P. Cotgreave and I. Forseth, Introductory ecology. Oxford: Blackwell Publishers, 2002.

[6]

A. Beeby and A.-M. Brennan, First ecology, 3rd edn. New York, N.Y.: Oxford University Press, 2008.

[7]

G. Dickinson and K. J. Murphy, *Ecosystems : a functional approach*, vol. Routledge introductions to environment series. London: Routledge, 1998. [Online]. Available: https://uws-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=44PAI_ALMA2120164360003931&context=L&vid=44PAI_V1&search_scope=default_scope&tab=default_tab&lang=en_US

[8]

C. R. Townsend, B. Begon Michael, and J. L. Harper, *Essentials of ecology*, 2nd ed. Malden, Mass: Blackwell Publishing, 2002. [Online]. Available: https://uws-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=44PAI_ALMA2120491760003931&context=L&vid=44PAI_V1&search_scope=default_scope&tab=default_tab&lang=en_US

[9]

K. J. Gaston and J. I. Spicer, *Biodiversity: an introduction*, 2nd ed. Malden, Mass: Blackwell Pub, 2004.

[10]

P. Castro and M. E. Huber, *Marine biology*, 3rd ed. New York: McGraw-Hill, 2000. [Online]. Available: https://uws-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=44PAI_ALMA2123469120003931&context=L&vid=44PAI_V1&search_scope=default_scope&tab=default_tab&lang=en_US&lang=en_US&lang=en_US&lang=en_US&lang=en_US

[11]

C. R. Townsend, *Ecological applications: toward a sustainable world*. Oxford: Blackwell, 2008.

[12]

S. E. Jørgensen and S. N. Nielsen, 'The properties of the ecological hierarchy and their application as ecological indicators', *Ecological Indicators*, vol. 28, pp. 48–53, May 2013, doi: 10.1016/j.ecolind.2012.04.010.

[13]

F. S. Ahrestani, W. K. Smith, M. Hebblewhite, S. Running, and E. Post, 'Variation in stability of elk and red deer populations with abiotic and biotic factors at the species distribution scale', *Ecology*, Jul. 2016, doi: 10.1002/ecy.1540.

[14]

'Keystone Species Hypothesis'. [Online]. Available:
<http://www.washington.edu/research/pathbreakers/1969g.html>

[15]

'The Great Bustard Group - Great Bustard reintroduction and conservation'. [Online]. Available: <http://greatbustard.org/>

[16]

'WWF - Siamese Crocodile (*Crocodylus siamensis*)'. [Online]. Available:
http://cambodia.panda.org/projects_and_reports/endangered_species/reptiles/siamese_crocodile/

[17]

Thor Hanson, 'EFFECTS OF HABITAT FRAGMENTATION ON THE REPRODUCTIVE ECOLOGY AND CONSERVATION GENETICS OF THE ALMENDRO (*Dipteryx panamensis*), A KEYSTONE RAINFOREST TREE', 2006. [Online]. Available:
<http://orton.catie.ac.cr/repdoc/A1316i/A1316i.pdf>

[18]

'The IUCN Red List of Threatened Species'. [Online]. Available: <http://www.iucnredlist.org/>

[19]

A. Pauw, 'Can pollination niches facilitate plant coexistence?', *Trends in Ecology & Evolution*, vol. 28, no. 1, pp. 30–37, Jan. 2013, doi: 10.1016/j.tree.2012.07.019.

[20]

J. Pagel and F. M. Schurr, 'Forecasting species ranges by statistical estimation of ecological niches and spatial population dynamics', *Global Ecology and Biogeography*, vol. 21, no. 2, pp. 293–304, Feb. 2012, doi: 10.1111/j.1466-8238.2011.00663.x.

[21]

S. Canessa et al., 'Planning for ex situ conservation in the face of uncertainty', *Conservation Biology*, vol. 30, no. 3, pp. 599–609, Jun. 2016, doi: 10.1111/cobi.12613.

[22]

J. C. Wingfield, 'Ecological processes and the ecology of stress: the impacts of abiotic environmental factors', *Functional Ecology*, vol. 27, no. 1, pp. 37–44, Feb. 2013, doi: 10.1111/1365-2435.12039.

[23]

Q. He, M. D. Bertness, and A. H. Altieri, 'Global shifts towards positive species interactions with increasing environmental stress', *Ecology Letters*, vol. 16, no. 5, pp. 695–706, May 2013, doi: 10.1111/ele.12080.

[24]

A. Johnston et al., 'Modelling the abundance and distribution of marine birds accounting for uncertain species identification', *Journal of Applied Ecology*, vol. 52, no. 1, pp. 150–160, Feb. 2015, doi: 10.1111/1365-2664.12364.

[25]

'Birth distribution, structure and dynamics of a hunted mountain population of Wild boars (*Sus scrofa* L.), Ticino, Switzerland', *Journal of Mountain Ecology*, vol. 3, 2014, [Online]. Available: <http://mountainecology.org/index.php/me/article/view/110/94>

[26]

J. Gosselin, A. Zedrosser, J. E. Swenson, and F. Pelletier, 'The relative importance of direct and indirect effects of hunting mortality on the population dynamics of brown bears', *Proceedings of the Royal Society B: Biological Sciences*, vol. 282, no. 1798, pp.

20141840–20141840, Nov. 2014, doi: 10.1098/rspb.2014.1840.

[27]

W. Appeltans et al., 'The Magnitude of Global Marine Species Diversity', *Current Biology*, vol. 22, no. 23, pp. 2189–2202, Dec. 2012, doi: 10.1016/j.cub.2012.09.036.

[28]

P. Pons and J. Rost, 'The challenge of conserving biodiversity in harvested burned forests', *Conservation Biology*, May 2016, doi: 10.1111/cobi.12767.

[29]

C. Bellard, C. Bertelsmeier, P. Leadley, W. Thuiller, and F. Courchamp, 'Impacts of climate change on the future of biodiversity', *Ecology Letters*, vol. 15, no. 4, pp. 365–377, Apr. 2012, doi: 10.1111/j.1461-0248.2011.01736.x.

[30]

G. M. Souza, S. C. Bertolli, and U. Lüttge, 'Hierarchy and Information in a System Approach to Plant Biology: Explaining the Irreducibility in Plant Ecophysiology', in *Progress in Botany* 77, vol. 77, U. Lüttge, F. M. Cánovas, and R. Matyssek, Eds, Cham: Springer International Publishing, 2016, pp. 167–186. doi: 10.1007/978-3-319-25688-7_5.

[31]

I. F. Spellerberg and P. J. Fedor, 'A tribute to Claude Shannon (1916-2001) and a plea for more rigorous use of species richness, species diversity and the "Shannon-Wiener" Index', *Global Ecology and Biogeography*, vol. 12, no. 3, pp. 177–179, May 2003, doi: 10.1046/j.1466-822X.2003.00015.x.

[32]

K. J. Ledger, R. W. Pal, P. Murphy, D. U. Nagy, R. Filep, and R. M. Callaway, 'Impact of an invader on species diversity is stronger in the non-native range than in the native range', *Plant Ecology*, vol. 216, no. 9, pp. 1285–1295, Sep. 2015, doi: 10.1007/s11258-015-0508-2.

[33]

R. Frankham et al., 'Implications of different species concepts for conserving biodiversity', *Biological Conservation*, vol. 153, pp. 25–31, Sep. 2012, doi: 10.1016/j.biocon.2012.04.034.

[34]

A. Dubuis, L. Rossier, J. Pottier, L. Pellissier, P. Vittoz, and A. Guisan, 'Predicting current and future spatial community patterns of plant functional traits', *Ecography*, vol. 36, no. 11, pp. 1158–1168, Nov. 2013, doi: 10.1111/j.1600-0587.2013.00237.x.