

# Applied Ecology and Conservation

Level 3 Environmental Science and Sustainability course

View Online



- 
1.  
Townsend CR. Ecological applications: toward a sustainable world. Oxford: Blackwell; 2008.
  
  2.  
Beeby A, Brennan AM. First ecology. 3rd ed. New York, N.Y.: Oxford University Press; 2008.
  
  3.  
Cotgreave P, Forseth I. Introductory ecology. Oxford: Blackwell Publishers; 2002.
  
  4.  
Gaston KJ, Spicer JI. Biodiversity: an introduction. 2nd ed. Malden, Mass: Blackwell Pub; 2004.
  
  5.  
Cotgreave P, Forseth I. Introductory ecology. Oxford: Blackwell Publishers; 2002.
  
  6.  
Beeby A, Brennan AM. First ecology. 3rd ed. New York, N.Y.: Oxford University Press; 2008.

7.

Dickinson G, Murphy KJ. Ecosystems : a functional approach [Internet]. Vol. Routledge introductions to environment series. London: Routledge; 1998. Available from: [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](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.

Townsend CR, Begon B Michael, Harper JL. Essentials of ecology [Internet]. 2nd ed. Malden, Mass: Blackwell Publishing; 2002. Available from: [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](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.

Gaston KJ, Spicer JI. Biodiversity: an introduction. 2nd ed. Malden, Mass: Blackwell Pub; 2004.

10.

Castro P, Huber ME. Marine biology [Internet]. 3rd ed. New York: McGraw-Hill; 2000. Available from: [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](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.

Townsend CR. Ecological applications: toward a sustainable world. Oxford: Blackwell; 2008.

12.

Jørgensen SE, Nielsen SN. The properties of the ecological hierarchy and their application as ecological indicators. *Ecological Indicators*. 2013 May;28:48-53.

13.

Ahrestani FS, Smith WK, Hebblewhite M, Running S, Post E. Variation in stability of elk and red deer populations with abiotic and biotic factors at the species distribution scale. *Ecology*. 2016 Jul;

14.

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

15.

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

16.

WWF - Siamese Crocodile (*Crocodylus siamensis*) [Internet]. Available from: [http://cambodia.panda.org/projects\\_and\\_reports/endangered\\_species/reptiles/siamese\\_crocodile/](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 [Internet]. 2006. Available from: <http://orton.catie.ac.cr/repdoc/A1316i/A1316i.pdf>

18.

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

19.

Pauw A. Can pollination niches facilitate plant coexistence? *Trends in Ecology & Evolution*. 2013 Jan;28(1):30-7.

20.

Pagel J, Schurr FM. Forecasting species ranges by statistical estimation of ecological niches and spatial population dynamics. *Global Ecology and Biogeography*. 2012 Feb;21(2):293–304.

21.

Canessa S, Converse SJ, West M, Clemann N, Gillespie G, McFadden M, et al. Planning for ex situ conservation in the face of uncertainty. *Conservation Biology*. 2016 Jun;30(3):599–609.

22.

Wingfield JC. Ecological processes and the ecology of stress: the impacts of abiotic environmental factors. *Functional Ecology*. 2013 Feb;27(1):37–44.

23.

He Q, Bertness MD, Altieri AH. Global shifts towards positive species interactions with increasing environmental stress. *Ecology Letters*. 2013 May;16(5):695–706.

24.

Johnston A, Thaxter CB, Austin GE, Cook ASCP, Humphreys EM, Still DA, et al. Modelling the abundance and distribution of marine birds accounting for uncertain species identification. *Journal of Applied Ecology*. 2015 Feb;52(1):150–60.

25.

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

26.

Gosselin J, Zedrosser A, Swenson JE, Pelletier F. 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*. 2014 Nov 12;282(1798):20141840–20141840.

27.

Appeltans W, Ahyong ST, Anderson G, Angel MV, Artois T, Bailly N, et al. The Magnitude of Global Marine Species Diversity. *Current Biology*. 2012 Dec;22(23):2189–202.

28.

Pons P, Rost J. The challenge of conserving biodiversity in harvested burned forests. *Conservation Biology*. 2016 May;

29.

Bellard C, Bertelsmeier C, Leadley P, Thuiller W, Courchamp F. Impacts of climate change on the future of biodiversity. *Ecology Letters*. 2012 Apr;15(4):365–77.

30.

Souza GM, Bertolli SC, Lüttge U. Hierarchy and Information in a System Approach to Plant Biology: Explaining the Irreducibility in Plant Ecophysiology. In: Lüttge U, Cánovas FM, Matyssek R, editors. *Progress in Botany 77* [Internet]. Cham: Springer International Publishing; 2016. p. 167–86. Available from: [http://link.springer.com/10.1007/978-3-319-25688-7\\_5](http://link.springer.com/10.1007/978-3-319-25688-7_5)

31.

Spellerberg IF, Fedor PJ. 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*. 2003 May;12(3):177–9.

32.

Ledger KJ, Pal RW, Murphy P, Nagy DU, Filep R, Callaway RM. Impact of an invader on species diversity is stronger in the non-native range than in the native range. *Plant Ecology*. 2015 Sep;216(9):1285–95.

33.

Frankham R, Ballou JD, Dudash MR, Eldridge MDB, Fenster CB, Lacy RC, et al. Implications of different species concepts for conserving biodiversity. *Biological Conservation*. 2012 Sep;153:25–31.

34.

Dubuis A, Rossier L, Pottier J, Pellissier L, Vittoz P, Guisan A. Predicting current and future spatial community patterns of plant functional traits. *Ecography*. 2013 Nov;36(11):1158-68.