Publication List for Nils Chr. Stenseth

**updated till March 3, 2018**

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| **Year 2018**

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| 727 | Acunzo D.J., Escher G., Ottersen O.P., Whittington J.D., Gillet P., **Stenseth N.C.** & Negrutiu I. (2018). Framing planetary health: arguing for resource-centred science. The Lancet Planetary Health, 2, e101-e102. |
| 726 | Cristofari R., Liu X., Bonadonna F., Cherel Y., Pistorius P., Le Maho Y., Raybaud V., **Stenseth NC.**, Le Bohec C. & Trucchi E. (2018). Climate-driven range shifts of the king penguin in a fragmented ecosystem. Nature Climate Change, 8, 245-251. |
| 725 | Mekonnen A, Fashing PJ, Bekele A, Hernandez-Aguilar RA, Rueness EK, **Stenseth NC**: Dietary flexibility of Bale monkeys (Chlorocebus djamdjamensis) in southern Ethiopia: effects of habitat degradation and life in fragments. *Bmc Ecology* 2018, 18. |
| 724 | Gutema TM, Atickem A, Lemma A, Bekele A, Sillero-Zubiri C, Zinner D, Farstad WK, Arnemo JM, **Stenseth NC**: Capture and Immobilization of African Wolves (Canis lupaster) in the Ethiopian Highlands. *Journal of Wildlife Diseases* 2018, 54(1):175-179. |
| 723 | Eikeset AM, Mazzarella AB, Daviosdottir B, Klinger DH, Levin SA, Rovenskaya E, **Stenseth NC**: What is blue growth? The semantics of "Sustainable Development" of marine environments. *Marine Policy* 2018, 87:177-179. |
| 722 | Dean KR, Krauer F, Walloe L, Lingjaerde OC, Bramanti B, **Stenseth NC**, Schmid BV: Human ectoparasites and the spread of plague in Europe during the Second Pandemic. *Proceedings of the National Academy of Sciences of the United States of America* 2018, 115(6):1304-1309. |
| 721 | Nordbotten JM, Levin SA, Szathmary E, **Stenseth NC**: Ecological and evolutionary dynamics of interconnectedness and modularity. *Proceedings of the National Academy of Sciences of the United States of America* 2018, 115(4):750-755. |

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| 720 | Zliobaite I, Fortelius M, **Stenseth NC**: Reconciling taxon senescence with the Red Queen's hypothesis. *Nature* 2017, 552(7683):92-+. |
| 719 | Yu PB, Li YD, Xu B, Wei J, Li S, Dong JH, Qu JH, Xu J, Huang ZYX, Ma CF, Yang J, Zhang GG, Chen B, Huang SQ, Shi CM, Gao HW, Liu F, Tian HY, **Stenseth NC**, Xu B, Wang JJ: Using Satellite Data for the Characterization of Local Animal Reservoir Populations of Hantaan Virus on the Weihe Plain, China. *Remote Sensing* 2017, 9(10). |
| 718 | Valseth K, Nesbo CL, Easterday WR, Turner WC, Olsen JS, **Stenseth NC**, Haverkamp THA: Temporal dynamics in microbial soil communities at anthrax carcass sites. *Bmc Microbiology* 2017, 17. |
| 717 | Tian HY, Yu PB, Cazelles B, Xu L, Tan H, Yang J, Huang SQ, Xu B, Cai J, Ma CF, Wei J, Li S, Qu JH, Laine M, Wang JJ, Tong SL, **Stenseth NC**, Xu B: Interannual cycles of Hantaan virus outbreaks at the human-animal interface in Central China are controlled by temperature and rainfall. *Proceedings of the National Academy of Sciences of the United States of America* 2017, 114(30):8041-8046. |
| 716 | Tian HD, Yan C, Xu L, Buntgen U, **Stenseth NC**, Zhang ZB: Scale-dependent climatic drivers of human epidemics in ancient China. *Proceedings of the National Academy of Sciences of the United States of America* 2017, 114(49):12970-12975. |
| 715 | Star B, Boessenkool S, Gondek AT, Nikulina EA, Hufthammer AK, Pampoulie C, Knutsen H, Andre C, Nistelberger HM, Dierking J, Petereit C, Heinrich D, Jakobsen KS, **Stenseth NC**, Jentoft S, Barrett JH: Ancient DNA reveals the Arctic origin of Viking Age cod from Haithabu, Germany. *Proceedings of the National Academy of Sciences of the United States of America* 2017, 114(34):9152-9157. |
| 714 | Ndimuligo SA, Hernandez-Aguilar RA, Kamenya SM, **Stenseth NC**: New Evidence of Well Digging in Savannah Chimpanzees (Pan troglodytes schweinfurthii), Kahensa, Tanzania. *Folia Primatologica* 2017, 88(2):112-113. |
| 713 | Langangen O, Ohlberger J, Stige LC, Durant JM, Ravagnan E, **Stenseth NC**, Hjermann DO: Cascading effects of mass mortality events in Arctic marine communities. *Global Change Biology* 2017, 23(1):283-292. |
| 712 | Eikeset AM, Dunlop ES, Heino M, Storvik G, **Stenseth NC**, Dieckmann U: Ecology and evolution both matter for explaining stock dynamics REPLY. *Proceedings of the National Academy of Sciences of the United States of America* 2017, 114(22):E4322-E4323. |
| 711 | Cadahia L, Labra A, Knudsen E, Nilsson A, Lampe HM, Slagsvold T, **Stenseth NC**: Advancement of spring arrival in a long-term study of a passerine bird: sex, age and environmental effects. *Oecologia* 2017, 184(4):917-929. |
| 710 | Buntgen U, Greuter L, Bollmann K, Jenny H, Liebhold A, Galvan JD, **Stenseth NC**, Andrew C, Mysterud A: Elevational range shifts in four mountain ungulate species from the Swiss Alps. *Ecosphere* 2017, 8(4). |
| 709 | Bonachela JA, Wortel MT, **Stenseth NC**: Eco-evolutionary Red Queen dynamics regulate biodiversity in a metabolite-driven microbial system. *Scientific Reports* 2017, 7. |
| 708 | Barth JMI, Berg PR, Jonsson PR, Bonanomi S, Corell H, Hemmer-Hansen J, Jakobsen KS, Johannesson K, Jorde PE, Knutsen H, Moksnes PO, Star B, **Stenseth NC**, Svedang H, Jentoft S, Andre C: Genome architecture enables local adaptation of Atlantic cod despite high connectivity. *Molecular Ecology* 2017, 26(17):4452-4466. |
| 707 | Barnosky AD, Hadly EA, Gonzalez P, Head J, Polly PD, Lawing AM, Eronen JT, Ackerly DD, Alex K, Biber E, Blois J, Brashares J, Ceballos G, Davis E, Dietl GP, Dirzo R, Doremus H, Fortelius M, Greene HW, Hellmann J, Hickler T, Jackson ST, Kemp M, Koch PL, Kremen C, Lindsey EL, Looy C, Marshall CR, Mendenhall C, Mulch A, Mychajliw AM, Nowak C, Ramakrishnan U, Schnitzler J, Das Shrestha K, Solari K, Stegner L, Stegner MA, **Stenseth NC**, Wake MH, Zhang ZB: Merging paleobiology with conservation biology to guide the future of terrestrial ecosystems. *Science* 2017, 355(6325):594-+. |
| 706 | Atickem A, Simeneh G, Bekele A, Mekonnen T, Sillero-Zubiri C, Hill RA, **Stenseth NC**: African wolf diet, predation on livestock and conflict in the Guassa mountains of Ethiopia. *African Journal of Ecology* 2017, 55(4):632-639. |
| 705. | Rogers LA, Storvik GO, Knutsen H, Olsen EM, **Stenseth NC**: Fine-scale population dynamics in a marine fish species inferred from dynamic state-space models. *The Journal of animal ecology* 2017. |
| 704. | Schmidt TCdS, Slotte A, Kennedy J, Sundby S, Johannessen A, Oskarsson GJ, Kurita Y, **Stenseth NC**, Kjesbu OS: Oogenesis and reproductive investment of Atlantic herring are functions of not only present but long-ago environmental influences as well. *Proceedings of the National Academy of Sciences of the United States of America* 2017, 114(10):2634-2639. |
| 703. | Langangen O, Olsen E, Stige LC, Ohlberger J, Yaragina NA, Vikebo FB, Bogstad B, **Stenseth NC**, Hjermann DO: The effects of oil spills on marine fish: Implications of spatial variation in natural mortality. *Mar Pollut Bull* 2017, 23(1):283-292. |
| 702. | Xu L, Stige LC, Chan K-S, Zhou J, Yang J, Sang S, Wang M, Yang Z, Yan Z, Jiang T, Lu L, Yue Y, Liu X, Lin H, Xu J, Liu Q, **Stenseth NC**: Climate variation drives dengue dynamics. *Proceedings of the National Academy of Sciences of the United States of America* 2017, 114(1):113-118. |
| 701. | Tian H, Yu P, Bjornstad ON, Cazelles B, Yang J, Tan H, Huang S, Cui Y, Dong L, Ma C, Ma C, Zhou S, Laine M, Wu X, Zhang Y, Wang J, Yang R, **Stenseth NC**, Xu B: Anthropogenically driven environmental changes shift the ecological dynamics of hemorrhagic fever with renal syndrome. *Plos Pathogens* 2017, 13(1). |
| 700. | Stige LC, Yaragina NA, Langangen O, Bogstad B, **Stenseth NC**, Ottersen G: Effect of a fish stock's demographic structure on offspring survival and sensitivity to climate. *Proceedings of the National Academy of Sciences of the United States of America* 2017, 114(6):1347-1352. |
| 699. | Mekonnen A, Fashing PJ, Bekele A, Hernandez-Aguilar RA, Rueness EK, Nguyen N, **Stenseth NC**: Impacts of habitat loss and fragmentation on the activity budget, ranging ecology and habitat use of Bale monkeys (Chlorocebus djamdjamensis) in the southern Ethiopian Highlands. *American journal of primatology* 2017. |
| 698. | Lynam CP, Llope M, Mollmann C, Helaouet P, Bayliss-Brown GA, **Stenseth NC**: Interaction between top-down and bottom-up control in marine food webs. *Proceedings of the National Academy of Sciences of the United States of America* 2017, 114(8):1952-1957. |
| 697. | Langangen O, Ohlberger J, Stige LC, Durant JM, Ravagnan E, **Stenseth NC**, Hjermann DO: Cascading effects of mass mortality events in Arctic marine communities. *Global Change Biology* 2017, 23(1):283-292. |
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| 692. | Valseth K, Nesbo CL, Easterday WR, Turner WC, Olsen JS, **Stenseth NC**, Haverkamp THA: Draft Genome Sequences of Two Bacillus anthracis Strains from Etosha National Park, Namibia. *Genome announcements* 2016, 4(4). |
| 691. | Turner WC, Kausrud KL, Beyer W, Easterday WR, Barandongo ZR, Blaschke E, Cloete CC, Lazak J, Van Ert MN, Ganz HH, Turnbull PCB, **Stenseth NC**, Getz WM: Lethal exposure: An integrated approach to pathogen transmission via environmental reservoirs. *Scientific Reports* 2016, 6. |
| 690. | Trucchi E, Facon B, Gratton P, Mori E, **Stenseth NC**, Jentoft S: Long live the alien: is high genetic diversity a pivotal aspect of crested porcupine (Hystrix cristata) long-lasting and successful invasion? *Molecular Ecology* 2016, 25(15):3527-3539. |
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| 688. | Nordbotten JM, **Stenseth NC**: Asymmetric ecological conditions favor Red-Queen type of continued evolution over stasis. *Proceedings of the National Academy of Sciences of the United States of America* 2016, 113(7):1847-1852. |
| 687. | Malmstrom M, Matschiner M, Torresen OK, Star B, Snipen LG, Hansen TF, Baalsrud HT, Nederbragt AJ, Hanel R, Salzburger W, **Stenseth NC**, Jakobsen KS, Jentoft S: Evolution of the immune system influences speciation rates in teleost fishes. *Nature Genetics* 2016, 48(10):1204-1210. |
| 686. | Kvile KO, Langangen O, Prokopchuk I, **Stenseth NC**, Stige LC: Disentangling the mechanisms behind climate effects on zooplankton. *Proceedings of the National Academy of Sciences of the United States of America* 2016, 113(7):1841-1846. |
| 685. | Hutchings JA, **Stenseth NC**: Communication of Science Advice to Government. *Trends in Ecology & Evolution* 2016, 31(1):7-11. |
| 684. | Gebremedhin B, Flagstad O, Bekele A, Chala D, Bakkestuen V, Boessenkool S, Popp M, Gussarova G, Schroder-Nielsen A, Nemomissa S, Brochmann C, **Stenseth NC**, Epp LS: DNA Metabarcoding Reveals Diet Overlap between the Endangered Walia Ibex and Domestic Goats - Implications for Conservation. *Plos One* 2016, 11(7). |
| 683. | Eikeset AM, Dunlop ES, Heino M, Storvik G, **Stenseth NC**, Dieckmann U: Roles of density-dependent growth and life history evolution in accounting for fisheries-induced trait changes. *Proceedings of the National Academy of Sciences of the United States of America* 2016, 113(52):15030-15035. |
| 682. | Edeline E, Groth A, Cazelles B, Claessen D, Winfield IJ, Ohlberger J, Vollestad LA, **Stenseth NC**, Ghil M: Pathogens trigger top-down climate forcing on ecosystem dynamics. *Oecologia* 2016, 181(2):519-532. |
| 681. | Cristofari R, Bertorelle G, Ancel A, Benazzo A, Le Maho Y, Ponganis PJ, **Stenseth NC**, Trathan PN, Whittington JD, Zanetti E, Zitterbart DP, Le Bohec C, Trucchi E: Full circumpolar migration ensures evolutionary unity in the Emperor penguin. *Nature Communications* 2016, 7. |
| 680. | Bramanti B, **Stenseth NC**, Walloe L, Lei X: Plague: A Disease Which Changed the Path of Human Civilization. *Advances in experimental medicine and biology* 2016, 918:1-26. |
| 679. | Atickem A, Rueness EK, Loe LE, **Stenseth NC**: Biological conservation founded on landscape genetics: the case of the endangered mountain nyala in the southern highlands of Ethiopia; 2016. |
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| 677. | Xu L, Schmid BV, Liu J, Si X, **Stenseth NC**, Zhang Z: The trophic responses of two different rodent-vector-plague systems to climate change. *Proceedings of the Royal Society B-Biological Sciences* 2015, 282(1800). |
| 676. | Voje KL, Nolen OH, Liow LH, **Stenseth NC**: The role of biotic forces in driving macroevolution: beyond the Red Queen. *Proceedings of the Royal Society B-Biological Sciences* 2015, 282(1808). |
| 675. | Trosvik P, de Muinck EJ, **Stenseth NC**: Biotic interactions and temporal dynamics of the human gastrointestinal microbiota. *Isme Journal* 2015, 9(3):533-541. |
| 674. | Stige LC, Langangen O, Yaragina NA, Vikebo FB, Bogstad B, Ottersen G, **Stenseth NC**, Hjermann DO: Combined statistical and mechanistic modelling suggests food and temperature effects on survival of early life stages of Northeast Arctic cod (Gadus morhua). *Progress in Oceanography* 2015, 134:138-151. |
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