

Pathogens and Disease

BIOL5274

View Online



-
- Barasa, M. et al. 'Foot-and-Mouth Disease Vaccination in South Sudan: Benefit-Cost Analysis and Livelihoods Impact'. *Transboundary and Emerging Diseases* 55.8 (2008): 339–351. Web.
- Bartlett, M. S. 'Measles Periodicity and Community Size'. *Journal of the Royal Statistical Society. Series A (General)* 120.1 (1957): n. pag. Web.
- Bean, Andrew G. D. et al. 'Studying Immunity to Zoonotic Diseases in the Natural Host — Keeping It Real'. *Nature Reviews Immunology* 13.12 (2013): 851–861. Web.
- Bedelian, Claire, David Nkedianye, and Mario Herrero. 'Maasai Perception of the Impact and Incidence of Malignant Catarrhal Fever (MCF) in Southern Kenya'. *Preventive Veterinary Medicine* 78.3–4 (2007): 296–316. Web.
- Bermejo, M. et al. 'Ebola Outbreak Killed 5000 Gorillas'. *Science* 314.5805 (2006): 1564–1564. Web.
- Casey, Miriam B. et al. 'Patterns of Foot-and-Mouth Disease Virus Distribution in Africa'. *The Role of Animals in Emerging Viral Diseases*. Elsevier, 2014. 21–38. Web.
- Casey-Bryars, Miriam et al. 'Waves of Endemic Foot-and-Mouth Disease in Eastern Africa Suggest Feasibility of Proactive Vaccination Approaches'. *Nature Ecology & Evolution* 2.9 (2018): 1449–1457. Web.
- Catley, A. et al. 'Participatory Diagnosis of a Heat-Intolerance Syndrome in Cattle in Tanzania and Association with Foot-and-Mouth Disease'. *Preventive Veterinary Medicine* 65.1–2 (2004): 17–30. Web.
- Chan, E. H. et al. 'Global Capacity for Emerging Infectious Disease Detection'. *Proceedings of the National Academy of Sciences* 107.50 (2010): 21701–21706. Web.
- Cleaveland, S., and C. Dye. 'Maintenance of a Microparasite Infecting Several Host Species: Rabies in the Serengeti'. *Parasitology* 111.S1 (1995): n. pag. Web.
- Cleaveland, S., M.K. Laurenson, and L.H. Taylor. 'Diseases of Humans and Their Domestic Mammals: Pathogen Characteristics, Host Range and the Risk of Emergence'. *Philosophical Transactions of the Royal Society of London. Series B: Biological Sciences* 356.1411 (2001): 991–999. Web.
- CLEAVELAND, SARAH et al. 'The Conservation Relevance of Epidemiological Research into Carnivore Viral Diseases in the Serengeti'. *Conservation Biology* 21.3 (2007): 612–622.

Web.

Cleaveland, Sarah, Francois X. Meslin, and Robert Breiman. 'Dogs Can Play Useful Role as Sentinel Hosts for Disease'. *Nature* 440.7084 (2006): 605–605. Web.

Cohen, Mitchell L. 'Changing Patterns of Infectious Disease'. *Nature* 406.6797 (2000): 762–767. Web.

Conservation and Development Interventions at the Wildlife/Livestock Interface. World Conservation Union. Web. <<https://www.wcs-ahead.org/book/AHEADbook27MB.pdf>>.

Craft, Meggan E. et al. 'Distinguishing Epidemic Waves from Disease Spillover in a Wildlife Population'. *Proceedings of the Royal Society B: Biological Sciences* 276.1663 (2009): 1777–1785. Web.

Delahay, Richard J., Graham C. Smith, and Michael R. Hutchings. *Management of Disease in Wild Mammals*. Tokyo: Springer, 2009. Web. <<https://ezproxy.lib.gla.ac.uk/login?url=https://dx.doi.org/10.1007/978-4-431-77134-0>>.

Dhikusooka, Moses Tefula et al. 'Foot-and-Mouth Disease Virus Serotype SAT 3 in Long-Horned Ankole Calf, Uganda'. *Emerging Infectious Diseases* 21.1 (2015): 111–114. Web.

Dietzgen, Ralf Georg, and Ivan V. Kuzmin, eds. *Rhabdoviruses: Molecular Taxonomy, Evolution, Genomics, Ecology, Host-Vector Interactions, Cytopathology and Control*. Norfolk, UK: Caister Academic Press, 2012. Web. <<https://ebookcentral.proquest.com/lib/gla/detail.action?docID=6109619>>.

Donnelly, Christl A. et al. 'Positive and Negative Effects of Widespread Badger Culling on Tuberculosis in Cattle'. *Nature* 439.7078 (2006): 843–846. Web.

Engering, Anneke, Lenny Hogerwerf, and Jan Slingenbergh. 'Pathogen-Host-Environment Interplay and Disease Emergence'. *Emerging Microbes & Infections* 2.1 (2013): 1–7. Web. Fenton, Andy, and Amy B. Pedersen. 'Community Epidemiology Framework for Classifying Disease Threats'. *Emerging Infectious Diseases* 11.12 (2005): 1815–1821. Web.

Ferguson, Kenneth J. et al. 'Evaluating the Potential for the Environmentally Sustainable Control of Foot and Mouth Disease in Sub-Saharan Africa'. *EcoHealth* 10.3 (2013): 314–322. Web.

Ferrari, Matthew J. et al. 'The Dynamics of Measles in Sub-Saharan Africa'. *Nature* 451.7179 (2008): 679–684. Web.

Fisher, Matthew C. et al. 'Emerging Fungal Threats to Animal, Plant and Ecosystem Health'. *Nature* 484.7393 (2012): 186–194. Web.

Forde, Taya et al. 'A High-Morbidity Outbreak of Johne's Disease in Game-Ranched Elk'. *Nature* 56.5 479–483. Web. <<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4399733/>>.

'Foresight. The Future of Food and Farming (2011) Final Project Report.' 2011. Web. <https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/288329/11-546-future-of-food-and-farming-report.pdf>.

- Gómez, Andrés, and Elizabeth Nichols. 'Neglected Wild Life: Parasitic Biodiversity as a Conservation Target'. *International Journal for Parasitology: Parasites and Wildlife* 2 (2013): 222–227. Web.
- Gompper, Matthew Edzart, ed. *Free-Ranging Dogs and Wildlife Conservation*. First edition. Oxford: Oxford University Press, 2014. Web.
<<https://ezproxy.lib.gla.ac.uk/login?url=https://dx.doi.org/10.1093/acprof:osobl/9780199663217.001.0001>>.
- Halliday, J. et al. 'Bringing Together Emerging and Endemic Zoonoses Surveillance: Shared Challenges and a Common Solution'. *Philosophical Transactions of the Royal Society B: Biological Sciences* 367.1604 (2012): 2872–2880. Web.
- Halliday, Jo E.B et al. 'A Framework for Evaluating Animals as Sentinels for Infectious Disease Surveillance'. *Journal of The Royal Society Interface* 4.16 (2007): 973–984. Web.
- Hampson, Katie, Laurent Coudeville, et al. 'Estimating the Global Burden of Endemic Canine Rabies'. *PLOS Neglected Tropical Diseases* 9.4 (2015): n. pag. Web.
- Hampson, Katie, Tiziana Lembo, et al. 'Predictability of Anthrax Infection in the Serengeti, Tanzania'. *Journal of Applied Ecology* 48.6 (2011): 1333–1344. Web.
- Hampson, Katie, Andy Dobson, et al. 'Rabies Exposures, Post-Exposure Prophylaxis and Deaths in a Region of Endemic Canine Rabies'. *PLoS Neglected Tropical Diseases* 2.11 (2008): n. pag. Web.
- Hampson, Katie, Jonathan Dushoff, et al. 'Transmission Dynamics and Prospects for the Elimination of Canine Rabies'. *PLoS Biology* 7.3 (2009): n. pag. Web.
- Haydon, D. T. et al. 'Low-Coverage Vaccination Strategies for the Conservation of Endangered Species'. *Nature* 443.7112 (2006): 692–695. Web.
- Hoenen, Thomas et al. 'Nanopore Sequencing as a Rapidly Deployable Ebola Outbreak Tool'. *Emerging Infectious Diseases* 22.2 (2016): n. pag. Web.
- 'Identifying Reservoirs of Infection: A Conceptual and Practical Challenge'. *Emerging Infectious Diseases* 8.12 (2002): 1468–1473. Web.
- Jackson, Alan C., and William H. Wunner, eds. *Rabies*. Orlando, Florida: Academic Press, 2002. Web.
<<https://ezproxy.lib.gla.ac.uk/login?url=https://doi.org/10.1016/B978-0-12-379077-4.X5000-7>>.
- James, Timothy Y. et al. 'Disentangling Host, Pathogen, and Environmental Determinants of a Recently Emerged Wildlife Disease: Lessons from the First 15 Years of Amphibian Chytridiomycosis Research'. *Ecology and Evolution* 5.18 (2015): 4079–4097. Web.
- Jones, Kate E. et al. 'Global Trends in Emerging Infectious Diseases'. *Nature* 451.7181 (2008): 990–993. Web.
- JORI, F. et al. 'A Qualitative Risk Assessment of Factors Contributing to Foot and Mouth Disease Outbreaks in Cattle along the Western Boundary of the Kruger National Park'.

Revue Scientifique et Technique de l'OIE 28.3 (2009): 917-931. Web.

Kaner, Jolie, and Sarah Schaack. 'Understanding Ebola: The 2014 Epidemic'. *Globalization and Health* 12.1 (2016): n. pag. Web.

Keeling, M. J., and C. A. Gilligan. 'Bubonic Plague: A Metapopulation Model of a Zoonosis'. *Proceedings of the Royal Society of London. Series B: Biological Sciences* 267.1458 (2000): 2219-2230. Web.

Keeling, M. J., and C. A. Gilligan. 'Metapopulation Dynamics of Bubonic Plague'. *Nature* 407.6806 (2000): 903-906. Web.

Klepac, P. et al. 'Towards the Endgame and beyond: Complexities and Challenges for the Elimination of Infectious Diseases'. *Philosophical Transactions of the Royal Society B: Biological Sciences* 368.1623 (2013): 20120137-20120137. Web.

Klepac, Petra et al. 'Six Challenges in the Eradication of Infectious Diseases'. *Epidemics* 10 (2015): 97-101. Web.

Knobel, Darryn L., Tiziana Lembo, et al. 'Dog Rabies and Its Control'. *Rabies*. Elsevier, 2013. 591-615. Web.

Knobel, Darryn L., James R.A. Butler, et al. 'Dogs, Disease, and Wildlife'. *Free-Ranging Dogs and Wildlife Conservation*. Ed. Matthew E. Gompper. Oxford University Press, 2013. 144-169. Web.

<<https://ezproxy.lib.gla.ac.uk/login?url=https://www.oxfordscholarship.com/view/10.1093/acprof:osobl/9780199663217.001.0001/acprof-9780199663217>>.

Kuiken, T. et al. 'Host Species Barriers to Influenza Virus Infections'. *Science* 312.5772 (2006): 394-397. Web.

Leendertz, Siv Aina J. et al. 'Ebola in Great Apes - Current Knowledge, Possibilities for Vaccination, and Implications for Conservation and Human Health'. *Mammal Review* 47.2 (2017): 98-111. Web.

Lembo, Tiziana, Katie Hampson, Daniel T. Haydon, et al. 'Exploring Reservoir Dynamics: A Case Study of Rabies in the Serengeti Ecosystem'. *Journal of Applied Ecology* 45.4 (2008): 1246-1257. Web.

Lembo, Tiziana, Katie Hampson, Harriet Auty, et al. 'Serologic Surveillance of Anthrax in the Serengeti Ecosystem, Tanzania, 1996-2009'. *Emerging Infectious Diseases* 17.3 (2011): 387-394. Web.

Lembo, Tiziana, Katie Hampson, Magai T. Kaare, et al. 'The Feasibility of Canine Rabies Elimination in Africa: Dispelling Doubts with Data'. *PLoS Neglected Tropical Diseases* 4.2 (2010): n. pag. Web.

Lindh, Jenny M. et al. 'Optimizing the Colour and Fabric of Targets for the Control of the Tsetse Fly *Glossina Fuscipes Fuscipes*'. *PLoS Neglected Tropical Diseases* 6.5 (2012): n. pag. Web.

M. S. Bartlett. *Stochastic Population Models in Ecology and Epidemiology*. Methuen, 1960.

Print.

Marsden, Clare D., Robert K. Wayne, and Barbara K. Mable. 'Inferring the Ancestry of African Wild Dogs That Returned to the Serengeti-Mara'. *Conservation Genetics* 13.2 (2012): 525–533. Web.

Miguel, Eve et al. 'Drivers of Foot-and-Mouth Disease in Cattle at Wild/Domestic Interface: Insights from Farmers, Buffalo and Lions'. *Diversity and Distributions* 23.9 (2017): 1018–1030. Web.

Molecular Biology of the Cell. New York: Garland Science, 2002. Web.
<<https://www.ncbi.nlm.nih.gov/books/NBK26917/>>.

Morse, Stephen S et al. 'Prediction and Prevention of the next Pandemic Zoonosis'. *The Lancet* 380.9857 (2012): 1956–1965. Web.

Morters, Michelle K. et al. 'Evidence-Based Control of Canine Rabies: A Critical Review of Population Density Reduction'. *Journal of Animal Ecology* 82.1 (2013): 6–14. Web.

Mtema, Zacharia et al. 'Mobile Phones As Surveillance Tools: Implementing and Evaluating a Large-Scale Intersectoral Surveillance System for Rabies in Tanzania'. *PLOS Medicine* 13.4 (2016): n. pag. Web.

Nouvellet, Pierre et al. 'The Role of Rapid Diagnostics in Managing Ebola Epidemics'. *Nature* 528.7580 (2015): S109–S116. Web.

Nunes, Cárís Maroni et al. 'Dog Culling and Replacement in an Area Endemic for Visceral Leishmaniasis in Brazil'. *Veterinary Parasitology* 153.1–2 (2008): 19–23. Web.

Ohaga, S.O. et al. 'Livestock Farmers' Perception and Epidemiology of Bovine Trypanosomosis in Kwale District, Kenya'. *Preventive Veterinary Medicine* 80.1 (2007): 24–33. Web.

Onono, Joshua Orungo, Barbara Wieland, and Jonathan Rushton. 'Constraints to Cattle Production in a Semiarid Pastoral System in Kenya'. *Tropical Animal Health and Production* 45.6 (2013): 1415–1422. Web.

Parida, Satya. 'Vaccination against Foot-and-Mouth Disease Virus: Strategies and Effectiveness'. *Expert Review of Vaccines* 8.3 (2009): 347–365. Web.

Perry, BD et al. 'The Dynamics and Impact of Foot and Mouth Disease in Smallholder Farming Systems in South-East Asia: A Case Study in Laos.' 21 663–673. Web.
<<https://www.semanticscholar.org/paper/The-dynamics-and-impact-of-foot-and-mouth-disease-a-Perry-Gleeson/534bf0ca3614529fa02bc24fd0bc9d19242bc2dc>>.

Pettorelli, N. et al. 'Carnivore Biodiversity in Tanzania: Revealing the Distribution Patterns of Secretive Mammals Using Camera Traps'. *Animal Conservation* 13.2 (2010): 131–139. Web.

Pruvot, Mathieu, Manigandan Lejeune, et al. 'Better Alone or in Ill Company? The Effect of Migration and Inter-Species Comingling on *Fascioloides Magna* Infection in Elk'. *PLOS ONE* 11.7 (2016): n. pag. Web.

- Pruvot, Mathieu, Susan Kutz, et al. 'Pathogens at the Livestock-Wildlife Interface in Western Alberta: Does Transmission Route Matter?' *Veterinary Research* 45.1 (2014): n. pag. Web.
- Pruvot, Mathieu, Taya L Forde, et al. 'The Modification and Evaluation of an ELISA Test for the Surveillance of Mycobacterium Avium Subsp. Paratuberculosis Infection in Wild Ruminants'. *BMC Veterinary Research* 9.1 (2013): n. pag. Web.
- Radolf, Justin D. et al. 'Of Ticks, Mice and Men: Understanding the Dual-Host Lifestyle of Lyme Disease Spirochaetes'. *Nature Reviews Microbiology* 10.2 (2012): 87–99. Web.
- Rizzoli, Annapaola et al. 'Ixodes Ricinus and Its Transmitted Pathogens in Urban and Peri-Urban Areas in Europe: New Hazards and Relevance for Public Health'. *Frontiers in Public Health* 2 (2014): n. pag. Web.
- Rufael, T. et al. 'Foot and Mouth Disease in the Borana Pastoral System, Southern Ethiopia and Implications for Livelihoods and International Trade'. *Tropical Animal Health and Production* 40.1 (2008): 29–38. Web.
- Rweyemamu, Mark et al. 'Challenges and Prospects for the Control of Foot-and-Mouth Disease: An African Perspective'. *Veterinary Medicine: Research and Reports* (2014): n. pag. Web.
- Schmid, Boris V. et al. 'Climate-Driven Introduction of the Black Death and Successive Plague Reintroductions into Europe'. *Proceedings of the National Academy of Sciences* 112.10 (2015): 3020–3025. Web.
- Sharp, P. M., and B. H. Hahn. 'Origins of HIV and the AIDS Pandemic'. *Cold Spring Harbor Perspectives in Medicine* 1.1 (2011): a006841–a006841. Web.
- Sinclair, A. R. E. et al., eds. *Serengeti IV: Sustaining Biodiversity in a Coupled Human-Natural System*. Chicago: The University of Chicago Press, 2015. Web.
<<https://ezproxy.lib.gla.ac.uk/login?url=https://chicago.universitypressscholarship.com/view/10.7208/chicago/9780226196336.001.0001/upso-9780226195834>>.
- Smith, K. F., K. Acevedo-Whitehouse, and A. B. Pedersen. 'The Role of Infectious Diseases in Biological Conservation'. *Animal Conservation* 12.1 (2009): 1–12. Web.
- Stenseth, Nils Chr et al. 'Plague: Past, Present, and Future'. *PLoS Medicine* 5.1 (2008): n. pag. Web.
- Stephen, Craig. 'TOWARD A MODERNIZED DEFINITION OF WILDLIFE HEALTH'. *Journal of Wildlife Diseases* 50.3 (2014): 427–430. Web.
- Taylor, Louise H., Sophia M. Latham, and Mark E.J. Woolhouse. 'Risk Factors for Human Disease Emergence'. *Philosophical Transactions of the Royal Society of London. Series B: Biological Sciences* 356.1411 (2001): 983–989. Web.
- Thomson, G.R, W Vosloo, and A.D.S Bastos. 'Foot and Mouth Disease in Wildlife'. *Virus Research* 91.1 (2003): 145–161. Web.
- Townsend, Sunny E., I Putu Sumantra, et al. 'Designing Programs for Eliminating Canine

- Rabies from Islands: Bali, Indonesia as a Case Study'. *PLoS Neglected Tropical Diseases* 7.8 (2013): n. pag. Web.
- Townsend, Sunny E., Tiziana Lembo, et al. 'Surveillance Guidelines for Disease Elimination: A Case Study of Canine Rabies'. *Comparative Immunology, Microbiology and Infectious Diseases* 36.3 (2013): 249–261. Web.
- Viana, Mafalda, Rebecca Mancy, et al. 'Assembling Evidence for Identifying Reservoirs of Infection'. *Trends in Ecology & Evolution* 29.5 (2014): 270–279. Web.
- Viana, Mafalda, Sarah Cleaveland, et al. 'Dynamics of a Morbillivirus at the Domestic–Wildlife Interface: Canine Distemper Virus in Domestic Dogs and Lions'. *Proceedings of the National Academy of Sciences* 112.5 (2015): 1464–1469. Web.
- Vigilato, M. A. N. et al. 'Progress towards Eliminating Canine Rabies: Policies and Perspectives from Latin America and the Caribbean'. *Philosophical Transactions of the Royal Society B: Biological Sciences* 368.1623 (2013): 20120143–20120143. Web.
- Vosloo, Wilna et al. 'Review of the Status of Foot and Mouth Disease in Sub-Saharan Africa'. 21.3 (2002): 437–449. Web.
<https://www.researchgate.net/publication/10953905_Review_of_the_status_of_foot_and_mouth_disease_in_sub-Saharan_Africa>.
- Webster, Joanne P., Anna Borlase, and James W. Rudge. 'Who Acquires Infection from Whom and How? Disentangling Multi-Host and Multi-Mode Transmission Dynamics in the "Elimination" Era'. *Philosophical Transactions of the Royal Society B: Biological Sciences* 372.1719 (2017): n. pag. Web.
- . 'Who Acquires Infection from Whom and How? Disentangling Multi-Host and Multi-Mode Transmission Dynamics in the "Elimination" Era'. *Philosophical Transactions of the Royal Society B: Biological Sciences* 372.1719 (2017): n. pag. Web.
- Whitman, Karyl et al. 'Sustainable Trophy Hunting of African Lions'. *Nature* 428.6979 (2004): 175–178. Web.
- Wimsatt, Jeffrey, and Dean Edwin Biggins. 'A Review of Plague Persistence with Special Emphasis on Fleas'. 46 85–99. Web.
<<https://doaj.org/article/6305ce51d3684adf9d1054d1ce8a105b>>.
- Woolhouse, M. E. J., and C. Dye. 'Preface'. *Philosophical Transactions of the Royal Society of London. Series B: Biological Sciences* 356.1411 (2001): 981–982. Web.
- Woolhouse, Mark E.J., and Sonya Gowtage-Sequeria. 'Host Range and Emerging and Reemerging Pathogens'. *Emerging Infectious Diseases* 11.12 (2005): 1842–1847. Web.
- Woolhouse, Mark E.J., Daniel T. Haydon, and Rustom Antia. 'Emerging Pathogens: The Epidemiology and Evolution of Species Jumps'. *Trends in Ecology & Evolution* 20.5 (2005): 238–244. Web.
- World Health Organization. *Anthrax in Humans and Animals*. Geneva, Switzerland: World Health Organization, 2008. Web.
<<https://www.who.int/csr/resources/publications/AnthraxGuidelines2008/en/>>.

Yabsley, Michael J., and Barbara C. Shock. 'Natural History of Zoonotic Babesia: Role of Wildlife Reservoirs'. *International Journal for Parasitology: Parasites and Wildlife* 2 (2013): 18–31. Web.

Zeppelini, Caio Graco, Alzira Maria Paiva de Almeida, and Pedro Cordeiro-Estrela. 'Zoonoses As Ecological Entities: A Case Review of Plague'. *PLOS Neglected Tropical Diseases* 10.10 (2016): n. pag. Web.