Appendix1:Wildlife Population Health(WPH)reading list

Core list of books:

Delahay RJ, Smith GC, Hutchings MR.2009.*Management of Disease in Wild Mammals*. Springer.
Environment Agency-AbuDhabi, AE, IUCN Species Survival Commission(SSC),IUCNSpeciesSurvival Commission (SSC), Reintroduction Specialist Group. 2013. *Guidelines for reintroductions and other Conservation translocations*.
FairbrotherA, LockeLN, HoffGL.1996. *Noninfectious Diseases of Wildlife*.2nd edition. Iowa State University Press. *Only the following chapters:1,2,4-15, 17.*
Foufopoulos J, Wobeser GA, McCallumH. 2022. *Infectious Disease Ecology and Conservation*. Oxford University Press. **NEWBOOK**– ONLY ADDITIONAL FOR 2025 EXAMINATION
Gavier-Widén D, Duff JP, Meredith A.2012. *Infectious Diseases of Wild Mammals and Birds in Europe*. Wiley-Blackwell.
Jakob-Hoff RM, Kock R, Lees C, MacDiarmid SC, Miller PS, Travis DA.2014. *Manual of Procedures for Wildlife Disease Risk Analysis*.IUCN,IUCNSpeciesSurvivalCommission(SSC),WorldOrganisationfor Animal Health(OIE).
Miller RE, Fowler ME.2012.Fowler's Zoo and Wild Animal Medicine Current Therapy, Volume 7. Saunders. *Only the following chapters:9,18,20,29,38,46,51,59,72.*
Miller RE, Fowler ME.2015.*Fowler's Zoo and Wild Animal Medicine, Volume 8*. Saunders. *Only the following chapters:1-64(for these chapters feeding and housing requirements are Considered additional information),72-74,76.*
MillerRE,LamberskiN,CallePP.2019. *Fowler's Zoo and Wild Animal Medicine Current Therapy, Volume 9*. Saunders. *Only the following chapters:2-6,9-11,16-20,27-30,33-37,39-46,50-52,55-58,60-61,64-65,67, 69-70,72,74,79-81,84-85,89,91-92,94-95, 100.*
Miller RE, Lamberski N, Calle PP.2023. *Fowler's Zoo and Wild Animal Medicine Current Therapy, Volume10*. Saunders. *Only the following chapters:9-12,16-28,51-56,60-61,64-67,81,83-87,91,98-99,104.* **NEW BOOK**–ONLY ADDITIONAL FOR 2025 EXAMINATION
StephenC.2022.*Wildlife Population Health*. Springer. **NEW BOOK**–ONLY ADDITIONAL FOR 2025 EXAMINATION
TerioKA, McAloose D, St.Leger J.2024. *Pathology of Wildlife and Zoo Animals*. 2ndedition. Academic Press. **NEW EDITION**–1ST EDITION WILL BE USED FOR 2025 EXAMINATION
ThrusfieldM, Christley R.2018.*VeterinaryEpidemiology*.4th edition. Wiley-Blackwell.
WestG, Heard D, CaulkettN.2024.Zoo Animal and Wildlife Immobilization and Anesthesia.3rd edition. Wiley-Blackwell. *Only chapters belonging to Part I: General.* **NEW EDITION**–2ND EDITION WILL BE USED FOR 2025EXAMINATION

Core list of journals (only articles relevant to Wildlife Population Health):

Diseases of Aquatic Organisms
Eco Health
European Journal of Wildlife Research
Journal of Wildlife Diseases
Journal of Zoo and Wildlife Medicine

Core list of specified journal articles

Bean, A. G. D., Baker, M. L., Stewart, C. R., Cowled, C., Deffrasnes, C., Wang, L. F., & Lowenthal, J. W. (2013).Studying immunity to zoonotic diseases in the natural host —keeping it real. *NatureReviews Immunology 2013 13:12*, *13*(12), 851–861. https://doi.org/10.1038/nri3551

Carter, S. P., Chambers, M. A., Rushton, S. P., Shirley, M. D. F., Schuchert, P., Pietravalle, S., Murray, A., Rogers,F.,Gettinby,G.,Smith,G.C.,Delahay,R.J.,Hewinson,R.G.,& McDonald,R.A.(2012).BCG VaccinationReducesRiskofTuberculosisInfectioninVaccinatedBadgersandUnvaccinatedBadger Cubs. *PLOS ONE*, *7*(12), e49833. https://doi.org/10.1371/JOURNAL.PONE.0049833

Chambers, M. A., Rogers, F., Delahay, R. J., Lesellier, S., Ashford, R., Dalley, D., Gowtage, S., Davé, D., Palmer, S., Brewer, J., Crawshaw, T., Hadley, R. C., Carter, S., Cheeseman, C., Hanks, C., Murray, A., Palphramand, K., Pietravalle, S., Smith, G. C., Glyn Hewinson, R. (2011). Bacillus Calmette-Guérin vaccination reduces the severity and progression of tuberculosis in badgers. *Proceedings of the Royal Society B: Biological Sciences*, *278*(1713), 1913–1920. https://doi.org/10.1098/RSPB.2010.1953

Chinnadurai,S.K.,Strahl-Heldreth,D.,Fiorello,C.V.,&Harms,C.A.(2016).BEST-PRACTICE GUIDELINES FOR FIELD-BASED SURGERY AND ANESTHESIA OF FREE-RANGING WILDLIFE. I. ANESTHESIA AND ANALGESIA. *Journal of Wildlife Diseases*,*52*(2s),S14–S27.https://doi.org/10.7589/52.2S.S14

Cunningham,A. A., Daszak,P.,& Wood, J.L.N.(2017).One Health, emerging infectious diseases and wildlife: two decades of progress? *Philosophical Transactions of the Royal Society B: Biological Sciences*, *372*(1725). https://doi.org/10.1098/RSTB.2016.0167

Demas, G. E., Zysling, D. A., Beechler, B. R., Muehlenbein, M. P., & French, S. S. (2011). Beyond phytohaemagglutinin: assessing vertebrate immune function across ecological contexts. *Journal of Animal Ecology*, *80*(4), 710–730. https://doi.org/10.1111/J.1365-2656.2011.01813.X

Evans,B.R.,& Leighton,F.A.(2014).A history of One Health. *OIE Revue Scientifiqueet Technique*,*33*(2), 413–420. https://doi.org/10.20506/RST.33.2.2298

Gibb,R.,Redding,D.W.,Chin,K.Q.,Donnelly,C.A.,Blackburn,T.M.,Newbold,T.,&Jones,K.E. (2020). Zoonotichostdiversityincreasesinhuman-dominatedecosystems.*Nature2020584:7821*, *584*(7821), 398–402. https://doi.org/10.1038/s41586-020-2562-8

Godfroid,J.(2018).Brucellaspp.attheWildlife-LivestockInterface:AnEvolutionaryTrajectorythrougha Livestock-to-Wildlife “Host Jump”? *Veterinary Sciences 2018, Vol. 5, Page 81*, *5*(3), 81. https://doi.org/10.3390/VETSCI5030081

González-Astudillo,V.,Hernandez,S.M.,Yabsley,M.J.,Mead,D.G.,Keel,K.M.,Munk,B.A.,Fischer,J.R., Ruder, M. G., Brown, J. D., Peters, V. E., & Nemeth, N. M. (2016). MORTALITY OF SELECTED AVIAN ORDERS SUBMITTED TO A WILDLIFE DIAGNOSTIC LABORATORY (SOUTHEASTERN COOPERATIVE WILDLIFE DISEASE STUDY, USA): A 36-YEAR RETROSPECTIVE ANALYSIS. *Journal of Wildlife Diseases*, *52*(3),441–458.https://doi.org/10.7589/2015-05-117

Gortazar,C.,Diez-Delgado,I.,Barasona,J.A.,Vicente,J.,DeLaFuente,J.,& Boadella,M.(2015).Thewild side of disease control at the wildlife-livestock-human interface: A review. *Frontiers in Veterinary Science*, *1*(JAN), 119692. https://doi.org/10.3389/FVETS.2014.00027/BIBTEX

Goulson,D.,Nicholls,E.,Botías,C.,& Rotheray,E.L.(2015).Bee declines driven by combined Stress from parasites, pesticides, and lack of flowers. *Science*, *347*(6229). https://doi.org/10.1126/SCIENCE.1255957/ASSET/25ACDBB7-03E0-4D87-BEC1-0935B850C29F/ASSETS/GRAPHIC/347_1255957_FA.JPEG

Hallmaier-Wacker,L.K.,Munster,V.J.,&Knauf,S.(2017).Diseasereservoirs:fromconceptualframeworks to applicable criteria. *Emerging Microbes & Infections*, *6*(9). https://doi.org/10.1038/EMI.2017.65

Haydon,D.T.,Cleaveland,S.,Taylor,L.H.,&Laurenson,M.K.(2002).IdentifyingReservoirsofInfection:A Conceptual and Practical Challenge - Volume 8, Number 12—December 2002 - Emerging Infectious Diseases journal - CDC. *Emerging Infectious Diseases*, *8*(12), 1468–1473. https://doi.org/10.3201/EID0812.010317

Hochachka,W.M.,& Dhondt,A.A.(2000).Density-dependent decline of host abundance resulting from a new infectious disease. *Proceedings of the National Academy of Sciences of the United States of America*, *97*(10), 5303–5306. https://doi.org/10.1073/PNAS.080551197/ASSET/3673A37E-5168-4F99-944A-1897E2EAEFE6/ASSETS/GRAPHIC/PQ0805511003.JPEG

Hoinville,L.J.,Alban,L.,Drewe,J.A.,Gibbens,J.C.,Gustafson,L.,Häsler,B.,Saegerman,C.,Salman,M.,& Stärk, K. D. C. (2013). Proposed terms and concepts for describing and evaluating animal-health surveillance systems. *Preventive Veterinary Medicine*, *112*(1–2), 1–12. https://doi.org/10.1016/J.PREVETMED.2013.06.006

Keesing,F.,Belden,L.K.,Daszak,P.,Dobson,A.,Harvell,C.D.,Holt,R.D.,Hudson,P.,Jolles, A.,Jones,K. E., Mitchell, C. E., Myers, S. S., Bogich, T., & Ostfeld, R. S. (2010). Impacts of biodiversity on the emergence and transmission of infectious diseases. *Nature 2010 468:7324*, *468*(7324), 647–652. https://doi.org/10.1038/nature09575

Lee,K.A.(2006).Linking immune defenses and life history at the levels of the individual and the species. *IntegrativeandComparativeBiology*,*46*(6),1000–1015.https://doi.org/10.1093/ICB/ICL049

Martin, C., Pastoret, P. P., Brochier, B., Humblet, M. F., & Saegerman, C. (2011). A survey of the transmission no infectious diseases/infections between wild and domestic ungulates in Europe. *Veterinary Research*, *42*(1), 1–16. https://doi.org/10.1186/1297-9716-42-70/TABLES/3

Miguel,E.,Grosbois,V.,Caron,A.,Pople,D.,Roche,B.,&Donnelly,C.A.(2020).A systemic approach to assess the potential and risks of wildlife culling for infectious disease control. *Communications Biology 2020 3:1*, *3*(1), 1–14. https://doi.org/10.1038/s42003-020-1032-z

Olive, M. M., Goodman, S. M., & Reynes, J. M. (2012). THE ROLE OF WILD MAMMALS IN THE MAINTENANCE OF RIFT VALLEY FEVER VIRUS. *Journal of Wildlife Diseases*,*48*(2),241–266. https://doi.org/10.7589/0090-3558-48.2.241

Pain, D. J., Mateo, R., & Green, R. E. (2019). Effects of lead from ammunition on birds and other wildlife: A reviewandupdate.*Ambio*,*48*(9),935–953.https://doi.org/10.1007/S13280-019-01159-0/FIGURES/3

Pedersen,A.B.,&Babayan,S.A.(2011).Wildimmunology.*MolecularEcology*,*20*(5),872–880. https://doi.org/10.1111/J.1365-294X.2010.04938.X

Portier,J.,Ryser-Degiorgis,M.P.,Hutchings,M.R.,Monchâtre-Leroy,E.,Richomme,C.,Larrat,S.,VanDer Poel, W. H. M., Dominguez, M., Linden, A., Santos, P. T., Warns-Petit, E., Chollet, J. Y., Cavalerie, L., Grandmontagne, C., Boadella, M., Bonbon, E., & Artois, M. (2019). Multi-host disease management: The why and the how to include wildlife. *BMC Veterinary Research*, *15*(1), 1–11. https://doi.org/10.1186/S12917-019-2030-6/TABLES/1

Prakash,V., Bishwakarma,M.C., Chaudhary,A., Cuthbert, R.,Dave,R., Kulkarni,M., Kumar,S., Paudel,K., Ranade, S., Shringarpure, R., & Green, R. E. (2012). The Population Decline of Gyps Vultures in India and Nepal Has Slowed since Veterinary Use of Diclofenac was Banned. *PLOS ONE*, *7*(11), e49118. https://doi.org/10.1371/JOURNAL.PONE.0049118

Price,S. J., Ariel,E.,Maclaine, A., Rosa,G. M.,Gray,M. J., Brunner, J. L.,& Garner, T. W. J.(2017). From fish to frogs and beyond : Impact and host range of emergentranaviruses. *Virology*,*511*,272–279. https://doi.org/10.1016/J.VIROL.2017.08.001

Scheele, B. C.,Pasmans, F.,Skerratt, L. F., Berger, L.,Martel, A.,Beukema,W., Acevedo, A. A., Burrowes, P. A., Carvalho, T., Catenazzi, A., DeLaRiva, I., Fisher,M.C., Flechas,S. V., Foster,C.N., Frías-Álvarez, P., Garner, T. W. J., Gratwicke, B., Guayasamin, J. M., Hirschfeld, M., … Canessa, S. (2019). Amphibian fungal panzootic causes catastrophic and ongoing loss of biodiversity. *Science*, *363*(6434), 1459– 1463. https://doi.org/10.1126/SCIENCE.AAV0379/SUPPL_FILE/AAV0379_SCHEELE_SM.PDF

Sheriff,M.J.,Dantzer,B.,Delehanty,B.,Palme,R.,&Boonstra,R.(2011).Measuring stress in wildlife: techniques for quantifying glucocorticoids. *Oecologia 2011 166:4*, *166*(4), 869–887. https://doi.org/10.1007/S00442-011-1943-Y

Sokolow, S. H., Nova,N., Pepin, K.M., Peel,A. J., Pulliam, J. R.C.,Manlove, K., Cross,P. C.,Becker,D. J., Plowright, R. K., McCallum, H., & De Leo, G. A. (2019). Ecological interventions to prevent and manage zoo notic pathogenspillover.*PhilosophicalTransactionsoftheRoyalSocietyB*,*374*(1782). https://doi.org/10.1098/RSTB.2018.0342

Sonne,C.,Letcher,R.J.,Jenssen,B.M.,Desforges,J.P.,Eulaers,I.,Andersen-Ranberg,E.,Gustavson,K., Styrishave, B., & Dietz, R. (2017). A veterinary perspective on One Health in the Arctic. *Acta Veterinaria Scandinavica 2017 59:1*, *59*(1), 1–11. https://doi.org/10.1186/S13028-017-0353-5

Stegen,G.,Pasmans,F.,Schmidt,B.R.,Rouffaer,L.O.,VanPraet,S.,Schaub,M.,Canessa,S.,Laudelout, A., Kinet, T., Adriaensen, C., Haesebrouck, F., Bert, W., Bossuyt, F., & Martel, A. (2017). Drivers of salamander extirpation mediated by Batrachochytrium salamandrivorans. *Nature 2017 544:7650*, *544*(7650), 353–356. https://doi.org/10.1038/nature22059

Tompkins,D.M.,Carver,S.,Jones,M.E.,Krkošek,M.,& Skerratt,L.F.(2015).Emerging infectious diseases of wildlife: A critical perspective. *Trends in Parasitology*, *31*(4), 149–159. https://doi.org/10.1016/j.pt.2015.01.007

Waltzek,T.B.,Cortés-Hinojosa,G.,Wellehan,J.F.X.,&Gray,G.C.(2012).Marine Mammal Zoonoses: A Review of Disease Manifestations. *Zoonoses and Public Health*, *59*(8), 521–535. https://doi.org/10.1111/J.1863-2378.2012.01492.X

Zylberberg,M.,VanHemert,C.,Handel,C.M.,&Derisi,J.L.(2018).Avian keratin disorder of Alaska black- capped chickadees is associated with Poecivirus infection. *Virology Journal*, *15*(1), 1–9. https://doi.org/10.1186/S12985-018-1008-5/FIGURES/5

Additional list of books:

Atkinson CT, Thomas NJ, Hunter DB. 2008. Parasitic Diseases of Wild Birds. Wiley-Blackwell.
American Veterinary Medical Association.2020. *AVMA Guidelines for the Euthanasia of Animals: 2020 Edition*.
Gulland FMD, Dierauf LA, Whitman KL. 2018. *CRCH and book of Marine Mammal Medicine*. CRC Press. *Only chapters relevant to free-living wildlife.*
Samuel WM, Pybus MJ, Kocan AA. 2001. *Parasitic Diseases of WildMammals*.2nd edition. Iowa State University Press.
SilvyNJ.2020.*The Wildlife Techniques Manual.Volume1:Research.Volume2: Management*.8th edition. Johns Hopkins University Press. **NEW EDITION**
Thomas NJ, Hunter DB, AtkinsonCT.2007. *Infectious Diseases of Wild Birds*. Black well Publishing.
WobeserGA.2005. *Essentials of Disease inWild Animals*. Blackwell Publishing.
WobeserGA.2007.*Disease in Wild Animals, Investigation and Management*. 2nd edition. Springer.

Additional list of journals (only articles relevant to WPH):

Conservation Biology
Emerging Infectious Diseases
International Journal for Parasitology: Parasites and Wildlife
Journal of Wildlife Management
OIE Revue Scientifiqueet Technique(since 2022:WOAH Scientific and Technical Review)
Transboundary and Emerging Diseases
Veterinary Pathology
Wildlife Research