

WDA 2023 Poster Sessions
All Poster Sessions take place during Coffee Breaks
 *Schedules are subject to Change

Session (Day)	No.	Title
A (M/T)		Identifying changes in <i>Leptospira</i> prevalence and serovars in wildlife reservoirs in Ontario, Canada
A (M/T)	2	Lymphoproliferative Disease Virus Detection in Wild Turkey Whole Blood and Blood Stored in Lysis Buffer
A (M/T)	3	Urinary tract infections in stranded California sea lions (<i>Zalophus californianus</i>)
A (M/T)	4	Exposure to harmful algal bloom-associated biotoxins: exploring health effects in stranded green sea turtles (<i>Chelonia mydas</i>)
A (M/T)	5	Mule DeerpoX Virus in Farmed White-tailed Deer (<i>Odocoileus virginianus</i>) in Florida
A (M/T)	6	Prevalence and diversity of <i>Rickettsia</i> species in ixodid ticks from Baird's tapirs (<i>Tapirus bairdii</i>) from Costa Rica
A (M/T)	7	Cutaneous Lesions in the Gular Region Caused by Feather Follicle Infection with <i>Harpirhynchidae</i> sp. Mites in Great Crested Flycatchers (<i>Myiarchus crinitus</i>) in New York, USA from 2016–22
A (M/T)	8	Cracking the genetic code of <i>Sarcoptes scabiei</i> in American black bears (<i>Ursus americanus</i>): Full mitochondrial genome reveals two distinct lineages
A (M/T)	9	Detection of multiple human enteropathogens in Norway rats (<i>Rattus norvegicus</i>) from an under-resourced neighborhood in Vancouver, British Columbia
A (M/T)	10	Detection of hepatitis E virus in Norway rats (<i>Rattus norvegicus</i>) from southern Ontario, Canada
A (M/T)	11	<i>Anaplasma</i> and <i>Borrelia</i> Seroprevalence in White-Tailed Deer of a Northeastern Ohio Urban Park System
A (M/T)	12	TREATMENT OF <i>BATRACHOCHYTRIUM</i> SALAMANDRIVORANS-INFECTED SALAMANDERS USING PLANT-DERIVED FUNGICIDES
A (M/T)	13	Evaluation of Fish Keratocyte Explant Culture as Environmental Immunotoxicity Screening Assay
A (M/T)	14	Isolation of <i>Toxoplasma gondii</i> in cell culture: the alternative to the bioassay to elucidate parasite transmission in wildlife
A (M/T)	15	Survey of hemotropic mycoplasma in blood of marine cetaceans and sirenians from Brazil
A (M/T)	16	Western Pond Turtles (<i>Actinemys marmorata</i>) with Aural Abscesses in Northern California: A Case Series
A (M/T)	17	Large-Scale Disease-Associated Mortality Event of Eastern Box Turtles (<i>Terrapene carolina carolina</i>) Confiscated Due to the Illegal Wildlife Trade
A (M/T)	18	The Role of Human Land Use in Canine Distemper in Wild Mesocarnivores
A (M/T)	19	An external assessment of dermal lesions and epibiota of bottlenose dolphins (<i>Tursiops truncatus</i>) off the east coast of Florida
A (M/T)	20	Sample pooling as a CWD surveillance strategy in free range white-tailed deer using RT-QuIC as a diagnostic tool
A (M/T)	21	Identifying seasonality of viral shedding in Mexican free-tailed bats (<i>Tadarida brasiliensis</i>)
A (M/T)	22	Aspergillosis in 40 wild bird species in the southeastern United States (2001-2022): Disease manifestations and taxonomic and demographic patterns
A (M/T)	23	Antimicrobial-resistant <i>Escherichia coli</i> isolated from wild birds in Newfoundland, Canada differ greatly based on host origin and anthropogenic interactions
A (M/T)	24	Prophylactic treatment for <i>Batrachochytrium dendrobatidis</i> (Bd) increases infection loads in a field trial: a possible result of increased host survival?
A (M/T)	25	Impacts of rising nest temperatures on leatherback sea turtle neonates
A (M/T)	26	Seroprevalence of protozoal pathogens in South American fur seals (<i>Arctocephalus australis</i>) and sea lions (<i>Otaria byronia</i>) in Peru, 2010 to 2019
A (M/T)	27	Lead (Pb) exposure and its health effects in wild mammals
A (M/T)	28	Free-ranging <i>Artiodactyla</i> in Nevada, USA are infected with a high diversity of piroplasm parasites

- A (M/T) 29 Prevalence and genetic characterization of blood parasites in wild turkeys (*Meleagris gallopavo*)
- A (M/T) 30 A single haplotype of *Haemoproteus platealeae* is widespread in American white ibis (*Eudocimus albus*) from urban and rural sites in southern Florida
- A (M/T) 31 *Trueperella pyogenes*, a Lethal Pathogen of Farmed White-Tailed Deer (*Odocoileus virginianus*) in Florida
- A (M/T) 32 Tracking an invader: using passive wildlife surveillance to determine the distribution and host range of ticks and the exotic *Haemaphysalis longicornis*, 2010-2021
- A (M/T) 33 Surveillance for *Trichomonas* infections in bald eagles (*Haliaeetus leucocephalus*) and golden eagles (*Aquila chrysaetos*) indicates that subclinical *T. gypaetini* infections are common in bald eagles
- A (M/T) 34 *Trypanosoma cruzi* infection in a black bear cub and serologic survey for exposure in wild black bears from several states
- A (M/T) 35 *Ursicoptes americanus*: A Case Report in an American Black Bear (*Ursus americanus*)
- A (M/T) 36 Investigation of canine distemper virus and protozoan parasites in raccoons (*Procyon lotor*) of North Carolina
- A (M/T) 37 The prevalence and characterisation of blood-borne bacteria in terrestrial reptiles, their ectoparasites, and their human carers in Australia.
- A (M/T) 38 Investigation of Parasites and Other Pathogens Associated with Wild Turkey (*Meleagris gallopavo*) Declines in Tennessee
- A (M/T) 39 Black Bear (*Ursus americanus*) Population Health Monitoring in the Southeast
- A (M/T) 40 Haemosporidian parasites on wading birds captured from breeding colonies in coastal Alabama.
- A (M/T) 41 Investigation of Hemorrhagic Disease Expansion into the Northeast United States
- A (M/T) 42 Pathogen-driven selection through a latitudinal gradient: effects in the genetic diversity of two south American foxes.
- A (M/T) 43 Protozoan parasites of Canada Lynx (*Lynx canadensis*) and Fisher (*Pekania pennanti*) in Maine, USA
- A (M/T) 44 Fatal pneumothorax secondary to verminous bronchopneumonia (*Halocercus* sp.) in a juvenile white-beaked dolphin (*Lagenorhynchus albirostris*)
- A (M/T) 45 Seasonal variation in hematological references range, and some serum chemical parameters of Brandt's vole (*Lasiopodomys brandtii* Radde, 1861)
- A (M/T) 46 Kidney morphometrics of free-ranging stranded California sea lions (*Zalophus californianus*)
- A (M/T) 47 Survey and risk factor analysis of *Toxoplasma gondii* in free-roaming cats in eastern Tennessee
- A (M/T) 48 Community science strategies reveal distributional patterns of treponeme-associated hoof disease in Washington elk (*Cervus canadensis*)
- A (M/T) 49 Willingness of landowners to allow chronic wasting disease management on private land
- A (M/T) 50 Examining the Relationship between Mercury Exposure and Infectious Disease Risk in Common Loons (*Gavia immer*)
- A (M/T) 51 *Trichinella* spp. prevalence, intensity, and diversity in wildlife from the North American North
- A (M/T) 52 Characterisation of spatio-temporal dynamics of highly pathogenic avian influenza in Latin America
- A (M/T) 53 Lead detection in New York bobcats and fishers: exposure sources and reproductive health impacts.
- A (M/T) 54 Histopathologic Comparison of Hepatic Iron Overload in Captive and Wild-Caught Egyptian Rousette Bats (*Rousettus aegyptiacus*)
- A (M/T) 55 Uptake of placebo oral rabies vaccine baits by target and nontargets across three regions of Alabama
- A (M/T) 56 Development of conjugated secondary antibodies for wildlife disease surveillance
- A (M/T) 57 HEMATOLOGY AND DISEASE SURVEILLANCE IN COMMON SNAPPING TURTLES (*CHELYDRA SERPENTINA*) IN KANE COUNTY, IL
- A (M/T) 58 Chronic Wasting Disease Influences White-tailed Deer Survival in in Northwestern Arkansas
- A (M/T) 59 *Fusarium* an emerging fungal threat to leatherbacks (*Dermodochelys coriacea*)
- A (M/T) 60 Characterizing the Relationship between Bat Habitat Loss and Ebola Spillovers
- A (M/T) 61 Antibiotic treatment compromises gut microbiota plasticity in a wild mammal

- A (M/T) 62 Emerging Vector-borne Pathogens in Northeastern US Cervids
- A (M/T) 63 Serological response, molecular investigation, and histopathologic examination of Mallard ducks (*Anas platyrhynchos*) following an experimental infection of *Toxoplasma gondii* tachyzoites
- A (M/T) 64 Assessing the Impact of a Prophylactic Treatment for *Batrachochytrium dendrobatidis* on Invertebrate Diversity
- A (M/T) 65 Characterization of the gastrointestinal microbiome of endangered greater sage-grouse (*Centrocercus urophasianus*) in a zoo-based conservation program
- A (M/T) 66 GM1-gangliosidosis in a two juvenile American black bears (*Ursus americanus*) in Connecticut between 2020 and 2022
- A (M/T) 67 Immunogenicity of anthrax-specific IgG antibodies in white-tailed deer (*Odocoileus virginianus*) and Axis Deer (*Axis axis*) with In vitro protection following subcutaneous, intramuscular, and oral vaccination
- A (M/T) 68 Defining and Mapping Emerging and Re-Emerging Infectious Diseases
- A (M/T) 69 The Prion Protein Gene (PRNP) in Pronghorn: Are they susceptible to CWD?
- A (M/T) 70 Coatis (*Nasua nasua*) living in an urban park in Brazil and their susceptibility and constant exposure to the Influenza A virus
- A (M/T) 71 Effects of landscape changes on genetic diversity and drift of zoonotic and vector-borne pathogens.
- A (M/T) 72 Plastic ingestion by an omnivorous mammal, the ringtail (*Bassariscus astutus*), in a National Park
- A (M/T) 73 KIDNEY INJURY RELATED TO HEMOGLOBINURIA IN NORTHERN ELEPHANT SEALS WITH THE PULMONARY NEMATODE (*OTOSTRONGYLUS CIRCUMLITUS*)
- A (M/T) 74 Molecular Epidemiology and Transmission Dynamics of Rabies Virus in Connecticut
- A (M/T) 75 Identifying Urban Coyote Minge Prevalence and Distribution: A OneHealth Priority
- A (M/T) 76 Utilizing Hematologic Parameters to Predict Health in Blanding's Turtles (*Emydoidea blandingii*)
- A (M/T) 77 Prospective use of detection dogs as a screening tool for *Mycoplasma ovipneumoniae* infection in bighorn sheep
- A (M/T) 78 Patterns of gastrointestinal parasitism in bighorn sheep in SE Oregon and Northern Nevada
- A (M/T) 79 Influence of Lunar Phases In Animals Trampling On Northwest Road Of São Paulo State, Brazil.
- A (M/T) 80 Baseline Health Parameters of Rhinoceros Auklets (*Cerorhinca monocerata*) using Serum Protein Electrophoresis, Acute Phase Proteins, and Biochemistry
- A (M/T) 81 Integrated microbiome-host health comparison of the Rocky Mountain Bighorn Sheep (*Ovis canadensis canadensis*)
- A (M/T) 82 Molecular detection and phylogenetic assessment of *Theileria* sp. in Brazilian marsh deer (*Blastocerus dichotomus*)
- A (M/T) 83 Dietary Copper and Zinc: investigating a novel approach to CWD management
- A (M/T) 84 ABSENCE OF CRYPTOSPORIDIUM SPP. AND ENTAMOEBIA INVADENS IN FRESHWATER CHELONIANS IN KANE COUNTY, IL
- A (M/T) 85 Surveillance of *Trypanosoma cruzi* in North Carolina, Louisiana, and Mississippi using the Opossum as the Sentinel Species
- A (M/T) 86 Systemic isosporosis in American robins (*Turdus migratorius*) in the southeastern United States of America
- A (M/T) 87 Impacts of temperature, precipitation, and ecoregion on patterns of hemorrhagic disease in the Great Plains 1982-2020
- A (M/T) 88 A multi-regional, multi-year West Nile virus serological study in free-ranging ruffed grouse (*Bonasa umbellus*)
- A (M/T) 89 Measuring the Level of Agreement between Osmometer and Calculated Plasma Osmolalities in Blanding's Turtles (*Emydoidea blandingii*)
- A (M/T) 90 Susceptibility of a continuous ferret brain cell line (Mpf) for the growth of *Ehrlichia chaffeensis*
- A (M/T) 91 Vaginal temperature and collar activity variations in relation to fecal progesterone of captive moose
- A (M/T) 92 Investigating mite diversity and associated epidemiological risk factors in Giant kangaroo rats in Carrizo Plain, San Joaquin Desert.
- B (W/T) 1 Animal-parasite responses to climate change: Host hybridization and parasite resistance in Appalachian salamanders
- B (W/T) 2 MORTALITY INVESTIGATION AND DISEASE SURVEILLANCE IN FOUR SPECIES OF SEA TURTLE IN GHANA: ENHANCING CONSERVATION AND PUBLIC HEALTH STRATEGIES

- B (W/T) 3 ZONOTIC DISEASES IN HARVESTED WILD ANIMALS FOR MEAT: A CASE IN THE BUSHMEAT MARKET IN KUMASI CITY CENTRE, GHANA
- B (W/T) 4 Secondary Toxicity: Surveying Anticoagulant Rodenticide As An Insidious Threat to Urban Wildlife in Chicago, IL
- B (W/T) 5 Antimicrobial susceptibility of *Yersinia enterocolitica* strains isolated from different wild animal species
- B (W/T) 6 Molecular survey of hemoparasites in Procellariiforme seabirds, Brazil
- B (W/T) 7 Evidences of non-lethal rabies exposure in free-ranging wild felids and canids, Southern Brazil
- B (W/T) 8 Ticks from wild mammals from Brazilian Pampa biome: host-parasite associations
- B (W/T) 9 Outbreak of Canine Distemper Virus (CDV) in a population of wild canids from an Ecological Reserve in Southern Brazil
- B (W/T) 10 Identification of priority information needs to support highly pathogenic avian influenza (HPAIV) surveillance and research using a modified delphi approach
- B (W/T) 11 A comprehensive summary of wild bird mortalities in eastern Canada during the 2022 Highly Pathogenic Avian Influenza (HPAI) outbreak
- B (W/T) 12 Highlights From Florida FWC's Collaborative Herp Disease Research and Surveillance Program
- B (W/T) 13 Validation of a non-invasive approach to assess the health of free-ranging grizzly bears.
- B (W/T) 14 IMMUNE COMPLEX GLOMERULONEPHRITIS IN A FREE-RANGING CALIFORNIA SEA LION (*Zalophus californianus*)
- B (W/T) 15 Not only in mice: detection and characterization of rodent alphacoronaviruses (*Luchacovirus* sub-genus) in Mesocarnivores in the Northeast US
- B (W/T) 16 Hemotropic mycoplasmas in Iberian micromammals
- B (W/T) 17 Identification of the highly pathogenic H5N1 Avian Influenza virus in the most vulnerable wild bird species on the Peruvian coast
- B (W/T) 18 Molecular epidemiology and pathology of clinical canine distemper virus cases in Pennsylvania mesocarnivores
- B (W/T) 19 Parasites at the wildlife-domestic interface: molecular evidence from wild and domestic canids from Corrientes, Argentina.
- B (W/T) 20 A proposed alternative pathogenesis of brain abscesses in white-tailed deer
- B (W/T) 21 A seat at the table: why wildlife needs to be represented in One Health teams addressing global food/nutrition insecurity
- B (W/T) 22 The spatial and environmental factors affecting the epidemiological spread of chronic wasting disease in Kansas
- B (W/T) 23 Assessing bighorn sheep (*Ovis canadensis*) respiratory pathogens; Multiplex PCR, amplicon sequencing, and automated bioinformatics to assess pathogen strain types and 16S rRNA biodiversity
- B (W/T) 24 Surveillance of Pennsylvania wild birds for highly pathogenic avian influenza (HPAI) virus
- B (W/T) 25 Assessing Chronic Wasting Disease Diagnostics in Elk to Support Wildlife Surveillance Programs
- B (W/T) 26 Comparing relative PrPCWD loads in soil from deer scrapes and food plots in southern Wisconsin
- B (W/T) 26 Ophidiomycosis persists on military lands through broad scale surveillance efforts
- B (W/T) 27 Integrating Public Health and Conservation to Foster Resilience: Outcomes of a National Academy of Sciences Workshop
- B (W/T) 28 Occurrence of renal and vaginal calculi in stranded cetaceans on Cape Cod and southeastern Massachusetts from 2006 to 2022
- B (W/T) 29 Parasites as Stressors and Indicators of Trophic Interactions in Cervids in North-western Canada.
- B (W/T) 30 Silicone bands as passive sampling devices to assess pollutant exposure in marine wildlife: a pilot study on penguins
- B (W/T) 31 Health for All: Inclusion of Herps in One Health Approaches
- B (W/T) 32 Detection of avian influenza viruses in wild migratory birds in Bangladesh
- B (W/T) 33 Profiling research on PFAS in wildlife: Systematic evidence map and bibliometric analysis
- B (W/T) 34 Identification of optimal training aids for chronic wasting disease detection

- B (W/T) 35 Isolation of microRNA from deer serum exosomes for potential early detection of chronic wasting disease
- B (W/T) 36 Development of an effective standardized method to survey and collect soft ticks (*Ornithodoros* sp.) in gopher tortoise (*Gopherus polyphemus*) burrows
- B (W/T) 37 Eastern equine encephalitis virus infections and disease in free-ranging birds and cervids in the southeastern United States
- B (W/T) 38 Exposure of tiger and leopards to canine distemper virus in Nepal and likely involvement of a domestic dog reservoir.
- B (W/T) 39 The Dynamics of H5N1 in a Seabird Breeding Colony: A Mathematical Modelling Approach
- B (W/T) 40 Health assessments for free-ranging Elk in Northwest Minnesota from 2004-2022
- B (W/T) 41 Co-infection by vector-borne agents in wild lowland tapirs (*Tapirus terrestris*) from Brazil
- B (W/T) 42 The relationships between urban green space and zoonotic pathogen prevalence and diversity in small rodents
- B (W/T) 43 "Abundance and distribution of *Aedes albopictus* across an urban gradient in Atlanta"
- B (W/T) 44 Serosurvey for avian influenza antibodies in wild raptors from the upper Midwest, USA during an outbreak of highly pathogenic avian influenza
- B (W/T) 45 SURVEILLANCE FOR MULTIPLE VIRAL PATHOGENS IN MIGRATORY WOOD DUCKS (*AIX SPONSA*) IN COOK COUNTY, IL
- B (W/T) 46 Comparison of diagnostic methods for sarcoptic mange in Northeastern carnivores
- B (W/T) 47 SEROLOGICAL SURVEY OF ANTIBODIES AGAINST CANINE INFLUENZA IN COYOTES (*CANIS LATRANS*) IN ILLINOIS BETWEEN 2000-2022
- B (W/T) 48 *Echinococcus* spp. surveillance in free-ranging swift fox (*Vulpes velox*) in Wyoming, USA
- B (W/T) 49 Cetacean perturbation: Linking freshwater discharge and water quality to health of common bottlenose dolphins (*Tursiops truncatus*) in a changing climate, with implications for human health.
- B (W/T) 50 LEUKOCYTE COPING CAPACITY TESTING IN CHELONIANS TO AID IN EVALUATION OF FITNESS PRIOR TO RE-WILDING
- B (W/T) 51 Comparative neuropathology in three species of geese naturally infected with highly pathogenic H5N1 avian influenza virus
- B (W/T) 52 Collected over Five Decades, over 400,000 Cryovials of Alaska Wildlife Sera and Tissues Available for Your Research
- B (W/T) 53 Effect of Chemical Immobilization and Handling Stress on Fecal Progesterone Metabolite Concentrations in Known Pregnant and Non-Pregnant White-Tailed Deer
- B (W/T) 54 Recommendations for Canadian Bat Censuses Involving Capture and Handling
- B (W/T) 55 Identification of novel papillomaviruses associated with cutaneous fibropapillomas in American black bears (*Ursus americanus*)
- B (W/T) 56 Increased Neurological Abnormalities in Passerines and Near Passerines Through Seven Years of Avian Rehabilitation in Wisconsin
- B (W/T) 57 How might we decolonize wildlife health?
- B (W/T) 58 Wild Rabbit (*Sylvilagus* spp.) Mortality Investigations in the Central and Eastern United States from 2013 to 2022
- B (W/T) 59 Landscape feature determinants of *Parelaphostrongylus tenuis* transmission in northeastern Minnesota
- B (W/T) 60 An outbreak of lethal chlamydiosis in free-ranging red-tailed hawks (*Buteo jamaicensis*) in Arizona, USA, due to *Chlamydia buteonis*
- B (W/T) 61 Why (permitted) Wildlife Rehabilitators are Critical Contributors to a Wildlife Health Continuum of Care
- B (W/T) 62 Using ante-mortem real-time-quaking-induced-conversion to better understand drivers of CWD prevalence in the Wind River Basin, Wyoming, USA
- B (W/T) 63 Assessment of Health Status and Pathogen Prevalence in Free-Ranging Ocelot (*Leopardus pardalis*) and Bobcat (*Lynx rufus*) Populations of Southern Texas
- B (W/T) 64 GENETIC DETECTION OF *ECHINOCOCCUS CANADENSIS* FROM FREE-RANGING MA'INGANAG OR GRAY WOLVES (*CANIS LUPUS*) IN THE UPPER PENINSULA OF MICHIGAN
- B (W/T) 65 Conjunctival and Systemic Responses to Brucellosis Vaccination and Experimental Challenge
- B (W/T) 66 Prevalence of Parasite composition of gastrointestinal parasites in Blue sheep (*Pseudois nayaur*) of Hemis National Park , Ladakh, India
- B (W/T) 67 The Role of Wildlife Rehabilitation in Protecting Wildlife Health

- B (W/T) 68 Using serology to investigate the ecology of infectious disease in caribou in the Yukon, Canada
- B (W/T) 69 Parasites and pathogens in urban and rural Pipistrellus bats, Spain
- B (W/T) 70 Comparing the spatial risk of chronic wasting disease in roadkill and hunter harvest white-tailed deer using Bayesian hierarchical spatial models
- B (W/T) 71 Monitoring Highly Pathogenic Avian Influenza (HPAI) in Wyoming, USA: 2022-2023
- B (W/T) 72 DRIVE-NETTING CAPTURE TECHNIQUE FOR FOUR SPECIES OF FREE-RANGING UNGULATES IN MONGOLIA FROM 2002-2022
- B (W/T) 73 Buruli ulcer in Australian possums – welfare impacts of a zoonotic disease in a wild reservoir host
- B (W/T) 74 Assessing surveillance of wildlife diseases by determining mammal species vulnerability to climate change
- B (W/T) 75 Trichomoniasis in wild birds - etiological, molecular and histopathological aspects - partial results
- B (W/T) 76 Swift fox (*Vulpes velox*) serosurveillance from Wyoming, USA (2020-2022)
- B (W/T) 77 Towards a Comprehensive Management of Wildlife Rabies in Amazonia
- B (W/T) 78 Investigation of Seasonal Elk Mortality Syndrome (SEMS) in Nevada