

## Appendix 6 Some veterinary disease-causing micro-organisms in Namibia

(see refs.98, 170, 171 in Chapter 2)

Common name	Causative agent*
<b>Viral</b>	
Bluetongue	Orbivirus (Reoviridae)
African horse sickness	Orbivirus (Reoviridae)
Rabies	Lyssavirus (Rabdoviridae)
African swine fever	unclassified DNA-virus/iridovirus
Lumpy skin disease	Capripoxvirus
Orf / Contagious pustular dermatitis	Parapoxvirus
Rinderpest	Paramyxovirus
Newcastle disease	Paramyxovirus
Hog cholera / Classical swine fever	Pestivirus (Togaviridae)
Rift Valley fever	Phlebovirus (Bunyaviridae)
Foot-and-mouth disease	Aphthovirus (Picornaviridae)
Infectious bovine rhinotracheitis	Bovine herpesvirus 1
Bovine malignant catarrh	Alcelaphine herpesvirus 1
Papillomatosis	various Papilloma viruses
<b>Bacterial and mycoplasmal</b>	
Actinomycosis / Lumpy jaw	<i>Actinomyces bovis</i>
Actinobacillosis / Wooden tongue	<i>Actinobacillus lignieresii</i>
Anthrax	<i>Bacillus anthracis</i>
Brucellosis	<i>Brucella abortus</i> , <i>B. ovis</i> , <i>B. melitensis</i>
Glanders	<i>Pseudomonas (Actinobacillus) mallei</i>
Johne's disease	<i>Mycobacterium paratuberculosis</i>
Tuberculosis	<i>Mycobacterium bovis</i>
Black quarter	<i>Clostridium chauvoei</i>
Tetanus	<i>Clostridium tetani</i>
Malignant oedema	<i>Clostridium septicum</i>
Botulism	<i>Clostridium botulinum</i>
Pulpy kidney	<i>Clostridium perfringens</i>
Colibacillosis	<i>Escherichia coli</i>
Corynebacteriosis	<i>Corynebacterium</i> spp., possibly <i>Actinomyces pyogenes</i>
Dermatophilosis	<i>Dermatophilus congolensis</i> (Actinomycetales)
Footrot	<i>Bacteroides nodosus</i> , <i>Fusobacterium necrophorum</i>
Contagious bovine pleuropneumonia	<i>Mycoplasma mucoides mucoides</i>
Infectious bovine keratoconjunctivitis	<i>Moraxella bovis</i> , <i>Mycoplasma</i> spp.
Infectious ovine keratoconjunctivitis	<i>Mycoplasma</i> spp./ <i>Chlamydia</i> spp. / <i>Moraxella ovis</i>
Leptospirosis	<i>Leptospira</i> spp.
Listeriosis	<i>Listeria monocytogenes</i>
Pasteurellosis	<i>Pasteurella haemolytica</i> , <i>P. multocida</i>
Salmonellosis	<i>Salmonella</i> spp.
Streptococcal infections	<i>Streptococcus</i> spp.
<b>Rickettsial/ chlamydial and fungal</b>	
Anaplasmosis	<i>Anaplasma marginale</i>
Heartwater	<i>Cowdria ruminantium</i>
Q fever	<i>Coxiella burnetii</i>
Psittacosis / Enzootic abortion	<i>Chlamydia psittaci</i>
Ringworm/ fungal infection	<i>Trichophyton verrucosum</i> , <i>Microsporum</i> spp.
<b>Protozoan</b>	
Babesiosis	<i>Babesia</i> spp.
Dourine	<i>Trypanosoma equiperdum</i>
Nagana / trypanosomiasis	<i>Trypanosoma congolense</i> , <i>T. vivax</i>
Toxoplasmosis	<i>Toxoplasma gondii</i>

Scientific names and classifications were kindly provided by Dr JF Mettler & Dr G Hoffmann (ref. 171, Chapter 2)