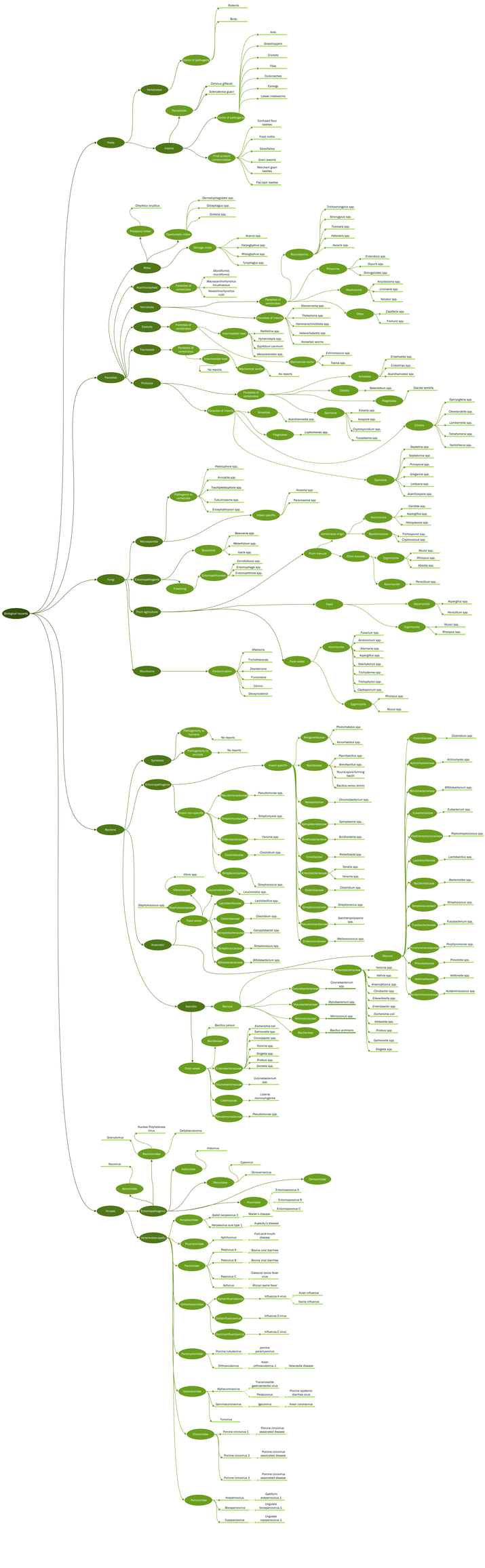
Biological Hazards
Pests
Vertebrates
Vector of pathogen
Rodents
Birds
Parasitoids
Vector of pathogen
Dirhinus giffardii
Sclerodermus guanci
Insects
Vector of pathogen
Ants
Grasshoppers
Crickets
Flies
Cockroaches
Earwigs
Lesser mealworms
Final product contamination
Confused flour beetles
Food moths
Silverfishes
Grain weevils
Merchant grain beetles
Flat bark beetles
Parasites
Mites
Predatory mites
Cheyletus eruditus
Scavenging mites
Dermatophagoides spp.
Glycophagus spp.
Goferia spp.
Storage mites
Acarus spp.
Caloglyphus spp.
Rhizoglyphus spp.
Tyrophagus spp.
Acanthocephala
Parasites of vertebrates
Moniliformis moniliformis
Macracanthorhynchus hirudinaceus
Neoechinorhynchus rutili
Nematode
Parasites of vertebrates
Roundworms
Trichostrongylus spp.
Strongyloides spp.
Toxocara spp.
Heterakis spp.
Ascaris spp.
Pinworms
Enterobius spp.
Oxyuris spp.
Strongyloides spp.
Hookworms
Ancylostoma spp.
Uncinaria spp.
Necator spp.
Other
Capillaria spp.
Trichuris spp.
Parasites of insects
Steinernema spp.
Thelastoma spp.
Hammonychnidiella spp.
Heterorhabditis spp.
Horsehair worms
Cestode
Parasites of vertebrates
Intermediate host
Raillietina spp.
Hymenolepis spp.
Dipylidium caninum
Mesocestoides spp.
Mechanical vector
Echinococcus spp.
Taenia spp.
Trematode
Parasites of vertebrates
Intermediate host
No reports
Mechanical vector
No reports
Protozoa
Parasites of vertebrates
Amoebas
Entamoeba spp.
Endolimax spp.
Acanthamoeba spp.
Ciliates
Balantidium spp.
Flagellates
Giardia lamblia
Parasites of insects
Amoebas
Sporozoa
Eimeria spp.
Isospora spp.
Cryptosporidium spp.
Toxoplasma spp.
Ciliates
Ophryoglena spp.
Clevelandella spp.
Lambornella spp.
Tetrahymena spp.
Nyctotherus spp.
Asaphamoeba spp.
Flagellates
Leishmania spp.
Sporozoa
Sepiatina spp.
Septatorina spp.
Porosporo spp.
Gregarine spp.
Letidyana spp.
Acanthosporo spp.
Fungi
Microsporidia
Pathogens to vertebrates
Plistophora spp.
Encephalitozoon spp.
Insect specific
Nosema spp.
Paranosema spp.
Entomopathogen
Biocontrol
Beauveria spp.
Metarhizium spp.
Isaria spp.
Freezing
Entomophthorales
Zoombdiobolus spp.
Entomophaga spp.
Entomophthora spp.
From agriculture
From manure
Farmyard origin
Aspergillus
Candida spp.
Aspergillus spp.
Histoplasma spp.
Other sources
Zygomycota
Mucor spp.
Rhizopus spp.
Absidia spp.
Ascomycota
Penicillium spp.
From agriculture
Feed
Ascomycota
Aspergillus spp.
Penicillium spp.
Zygomycota
Mucor spp.
Rhizopus spp.
Mycotoxins
Contamination
Food waste
Ascomycota
Fusarium spp.
Acremonium spp.
Alternaria spp.
Aspergillus spp.
Stachybotrys spp.
Trichoderma spp.
Trichophyton spp.
Cladosporium spp.
Zygomycota
Rhizopus spp.
Mucor spp.
Aflatoxins
Trichothecenes
Zearalenone
Fumonisins
Citrinin
Deoxynivalenol
Bacteria
Spirochaete
Pathogenicity to humans
No reports
Pathogenicity to animals
No reports
Entomopathogen
Insect specific
Mycobacteriales
Photorhabdus spp.
Xenorhabdus spp.
Bacillales
Paenibacillus spp.
Brevibacillus spp.
Round-spore-forming bacilli
Bacillus sensu stricto
Nesidiococcus
Chromobacterium spp.
Spiroplasmatales
Spiroplasma spp.
Burkholderiales
Burkholderia spp.
Coxiellales
Rickettsiella spp.
Enterobacteriales
Serratia spp.
Yersinia spp.
Clostridiales
Clostridium spp.
Streptococcales
Streptococcus spp.
Saccharopolyspora spp.
Micrococcales
Micrococcus spp.
Micrococcales
Micrococcus spp.
Insect non-specific
Pseudomonadales
Pseudomonas spp.
Streptomycetales
Streptomyces spp.
Enterobacteriales
Yersinia spp.
Clostridiales
Clostridium spp.
Streptococcales
Streptococcus spp.
Leuconostoc spp.
Lactobacillales
Lactobacillus spp.
Clostridiales
Clostridium spp.
Campylobacter spp.
Streptococcus spp.
Bifidobacterium spp.
Staphylococcus spp.
Vibrio spp.
Vibrionales
Vibrio
Staphylococcales
Staphylococcus
Food waste
Anaerobic
Mycobacteriales
Corynebacterium spp.
Mycobacteriales
Mycobacterium spp.
Micrococcales
Micrococcus spp.
Bacillales
Bacillus anthracis
Bacillales
Bacillus cereus
Food waste
Enterobacteriales
Escherichia coli
Salmonella spp.
Cronobacter spp.
Yersinia spp.
Shigella spp.
Proteus spp.
Serratia spp.
Corynebacteriales
Corynebacterium spp.
Listeriales
Listeria monocytogenes
Pseudomonadales
Pseudomonas spp.
Mycoplasma
Mycoplasmatales
Yersinia spp.
Hafnia spp.
Anaerococcus spp.
Citrobacter spp.
Edwardsiella spp.
Enterobacter spp.
Escherichia coli
Klebsiella spp.
Proteus spp.
Salmonella spp.
Shigella spp.
Clostridiales
Clostridium spp.
Actinomycetales
Actinomyces spp.
Bifidobacteriales
Bifidobacterium spp.
Eubacteriales
Eubacterium spp.
Peptostreptococcales
Peptostreptococcus spp.
Lactobacillales
Lactobacillus spp.
Bacteroidales
Bacteroides spp.
Streptococcales
Streptococcus spp.
Fusobacteriales
Fusobacterium spp.
Pseudomonadales
Porphyromonas spp.
Pasteurellales
Prevotella spp.
Veillonellales
Veillonella spp.
Acidaminococcales
Acidaminococcus spp.
Viruses
Nucleopolyhedrovirus
Nuclear Polyhedrosis Virus
Deltabaculovirus
Granulovirus
Baculoviridae
Indoviruses
Indoviridae
Nudivirus
Nudiviridae
Cypovirus
Cypoviridae
Dinoravirus
Dinoravirus
Dinoravirus
Nudivirus
Nudiviridae
Deltavirus
Deltaviridae
Alphanodavirus
Nodaviridae
Entomopoxvirus A
Entomopoxvirus B
Entomopoxvirus C
Poxviridae
Entomopathogens
Herpesviridae
Gallid herpesvirus 2
Marek's disease
Herpesvirus suis type 1
Aujeszky's disease
Poxviridae
Orthopoxvirus
Foot-and-mouth disease
Arterivirus species
Arteriviridae
Pestivirus A
Bovine viral diarrhea
Pestivirus B
Bovine viral diarrhea
Pestivirus C
Classical swine fever virus
Rubivirus
African swine fever
Orthomyxoviridae
Alphainfluenzavirus
Influenza A virus
Avian influenza
Swine influenza
Betainfluenzavirus
Influenza B virus
Gammainfluenzavirus
Influenza C virus
Paramyxoviridae
Porcine rubulavirus
porcine paramyxovirus
Orthoavulavirus
Avian orthoavulavirus 1
Newcastle disease
Coronaviridae
Alphacoronavirus
Transmissible gastroenteritis virus
Pedacovirus
Porcine epidemic diarrhea virus
Gammacoronavirus
Igacovirus
Avian coronavirus
Toronovirus
Circoviridae
Porcine circovirus 1
Porcine circovirus associated disease
Porcine circovirus 2
Porcine circovirus associated disease
Porcine circovirus 3
Porcine circovirus associated disease
Parvoviridae
Aveparvovirus
Galliform aveparvovirus 1
Bocaparvovirus
Ungulate bocaparvovirus 1
Copiparvovirus
Ungulate copiparvovirus 1