Summary of Diseases Affecting Michigan Wildlife
2010

ABSCESS
Articular
  White-tailed Deer

Cardiac
  White-tailed Deer

Cranial
  White-tailed Deer

Dermal
  White-tailed Deer

Gastric
  White-tailed Deer

Hepatic
  White-tailed Deer

Intramuscular
  White-tailed Deer, Trumpeter Swan

Lymphatic
  White-tailed Deer

Mammary Gland
  White-tailed Deer

Muscular
  White-tailed Deer

Oral
  White-tailed Deer

Pulmonary
  White-tailed Deer

Splenic
  White-tailed Deer
Abscess continued
Subcutaneous
White-tailed Deer, Trumpeter Swan

ACTINOMYCOSIS
White-tailed Deer

ANOMALY
Congenital
White-tailed Deer, Trumpeter Swan

ASCITES
Hemorrhagic
Wolverine

Unspecified
White-tailed Deer

ASPERGILLOSIS
Bald Eagle, Herring Gull

BLINDNESS
Bald Eagle

BOTULISM
Type E
Bald Eagle, Common Loon, White-winged Scoter, Long-tailed Duck, Red-breasted Merganser, American Coot, Red-necked Grebe, Horned Grebe, Herring Gull, Ring-billed Gull

BRONCHOPNEUMONIA
Raccoon

CARDIOMYOPATHY
Degenerative
Moderate
Wolverine
CASEOGRANULOMAS
Skeletal
Multifocal
Parasitic
  White-tailed Deer

CATARACTS
Bilateral
  White-tailed Deer

CECITIS
Hemorrhagic
  White-tailed Deer

CESTODIASIS
Larval
  Disseminated
    Eastern Fox Squirrel

CONGESTION
Hepatic
  Passive
    Diffuse
      Severe
        Wolverine

  Unspecified
    Red-tailed Hawk

Nephritic
  White-tailed Deer, Mute Swan

Passive
  Wolverine
Congestion continued

Pulmonary
White-tailed Deer, Black Bear, Gray Wolf, Coyote, Red Fox, Bobcat, Striped Skunk, Bobcat, Striped Skunk, Raccoon, Porcupine, Big Brown Bat, Bald Eagle, Peregrine Falcon, Osprey, Red-tailed Hawk, Broad-winged Hawk, Mute Swan, Common Loon, Mallard, Blue-Winged Teal, Long-tailed Duck, Horned Grebe, Great Blue Heron, American Crow, Common Grackle, Blue Jay

Renal
Peregrine Falcon, Red-tailed Hawk

Splenic
White-tailed Deer, Mute Swan, American Crow

CYST
Biliary
Multiple
White-tailed Deer

Dermoid
White-tailed Deer

Hepatic
White-tailed Deer

CYSTICERCOSIS
Cardiac
Taenia crassiceps
Eastern Fox Squirrel, Squirrel

Hepatic
Taenia crassiceps
Eastern Fox Squirrel, Squirrel

Taenia hydatigena
White-tailed Deer

Pulmonary
Echinococcus granulosus
Moose, White-tailed Deer

Taenia crassiceps
Eastern Fox Squirrel, Squirrel
**Cysticercosis continued**

Splenic
- Taenia crassiceps
  - Eastern Fox Squirrel, Squirrel

**DEHYDRATION**

White-tailed Deer, Bald Eagle, Red-tailed Hawk, Great Horned Owl, Barred Owl, Long-eared Owl, Wild Turkey

**DERMATITIS**

Bacterial (Staphylococcal)
- Canada Goose

Proliferative
- Black Bear

Pustular and Hyperkeratotic
- Severe
  - White-tailed Deer

**DISORDER**

Metabolic
- White-tailed Deer

**DISTEMPER**

Canine
- Red Fox, Gray Fox, Raccoon

**DROWNING**

Bald Eagle, Osprey, Mute Swan, Common Loon, Mallard, Blue-winged Teal, Long-tailed Duck, Horned Grebe, Common Grackle

**EDEMA**

Pulmonary
- White-tailed Deer, Black Bear, Gray Wolf, Gray Fox, Striped Skunk, Raccoon, Porcupine, Bald Eagle, Peregrine Falcon, Osprey, Red-tailed Hawk, Mute Swan, Common Loon, Mallard, Blue-winged Teal, Horned Grebe, Common Grackle

Subcutaneous
- White-tailed Deer, Mute Swan
ELECTROCUTION
Coyote, Raccoon, Bald Eagle, American Crow

ENCEPHALITIS
Eastern Equine
  White-tailed Deer

Granulomatosus and Necrotizing
  Multifocal
    White-tailed Deer

Lymphoplasmycastic
  Snowshoe Hare

ENDOCARDITIS
Vegetative
  Bald Eagle

ENTERITIS
Hemorrhagic
  Bacterial
    White-tailed Deer

Unspecified
  White-tailed Deer

Mucoid
  White-tailed Deer

Necrotic
  Chronic
    Mute Swan

Ulcerative
  Hemorrhagic
    Verminous
      Mute Swan

ENTEROTOXEMIA  (Clostridium perfringens)
White-tailed Deer
EPIZOOTIC HEMORRHAGIC DISEASE
White-tailed Deer

EXPOSURE
Gray Wolf, Bald Eagle

FASCIOLOIDIASIS
Moose, White-tailed Deer

FIBROSIS
Hepatic
Periportal
Chronic
Rabbit

Myocardial
Mild
Bald Eagle

FOLLICULITIS
White-tailed Deer

FURUNCULOSIS
White-tailed Deer

GASTRITIS (Abomasum)
Hemorrhagic
White-tailed Deer

GLIOSIS
Snowshoe Hare

GLOSSITIS
Ulcerative
White-tailed Deer
GOUT
Visceral
Rough-legged Hawk

HEMATOMA
Resolving
Chronic
Bald Eagle

HEMORRHAGE
Agonal
White-tailed Deer

Myocardial
Multifocal
Peregrine Falcon

Pulmonary
White-tailed Deer, Bobcat

HEMOSIDEROSIS
Splenic
Common Grackle

HEPATITIS
Bacterial
Bald Eagle

Granulomatous
Multifocal
Blue Jay

Heterophilic & Granulomatous (Verminous)
Wild Turkey

Heterophilic & Lymphoplasmacytic
Bald Eagle

Necrotizing
Bacterial
Canada Goose
Hepatitis continued
Parasitic
   Fascioloides magna
   White-tailed Deer

HERNIA
Abdominal
   White-tailed Deer

Diaphragmatic
   White-tailed Deer

HERPESVIRUS
MDF-Like Ruminant Gamma
   White-tailed Deer

HYDROTHORAX
Hemorrhagic
   Wolverine

HYPERPLASIA
Biliary
   Marked
   Rabbit

INFECTION
Bacterial
   White-tailed Deer

Dermal
   Bacterial
      Peregrine Falcon

   Yeast (Dermatophylosis)
      White-tailed Deer

INFESTATION
Tick
   Dermacentor variabilis
   Gray Wolf
Infestation continued
Haemaphysalis sp.
   Cottontail Rabbit

   Ixodes sp.
   Cottontail Rabbit

INSUFFICIENCY
Respiratory
   White-tailed Deer

INTOXICATION
Alcohol (Grapes)
   Cedar waxwing

KERATITIS
Fungal (Unilateral)
   White-tailed Deer

LIPIDOSIS
Hepatic
   White-tailed Deer

LOSS
Feather
   American Crow

   Hair
   White-tailed Deer

LYMPHADENITIS
Caseogranulomatous
   White-tailed Deer

MALACIA
Focal
   Snowshoe hare
MALNUTRITION
White-tailed Deer, Black Bear, Gray Wolf, Red Fox, Eastern Fox Squirrel, Bald Eagle, Red-tailed Hawk, Rough-legged Hawk, Snowy Owl, Great Horned Owl, Long-eared Owl, Short-eared Owl, Trumpeter Swan, Mute Swan, Common Loon, Herring Gull, Wild Turkey

MANGE
Notoedric
   Eastern Gray Squirrel

Sarcoptic
   Black Bear, Gray Wolf, Red Fox

MASTITIS
Acute
   Severe
     White-tailed Deer

Suppurative
   Focal
     White-tailed Deer

MENINGITIS
Cerebral (Bacterial)
   Subacute
     Mild
       White-tailed Deer

Suppurative
   Mild
   Moose

MENINGOENCEPHALITIS
Lymphoplasmacytic
   Focal
     Moose

   Moderate
     White-tailed Deer

   Subacute
     Porcupine
Meningoencephalitis continued
Suppurative
  Moderate
  Elk

METRITIS
  White-tailed Deer

MYIASIS
  Bald Eagle

NECROSIS
  Fibrinoid
  Arterial
    Marked
      Bald Eagle

  Hepatocellular
    Bald Eagle

NEMATODIASIS
  Abdominal
    Ascaridia bonasae
      Ruffed Grouse

    Hepatic
      Capillaria sp
        Bald Eagle

    Intestinal
      Ascaridia bonasae
        Ruffed Grouse

    Intrabronchial
      Oslerus Osleri
        Gray Wolf
NEPHRITIS
Lymphoplasmacytic
Multifocal
Mild
Raccoon

NEPHROSIS
Tubular
Renal
Bald Eagle

PERICARDITIS
Bacterial
White-tailed Deer

Egg Yolk
Red-tailed Hawk

Fibrinous
Chronic
White-tailed Deer

Fibrinous and Necrotic
Mute Swan

PLEURITIS
Fibrinous
Acute
White-tailed Deer

Chronic
Bacterial
White-tailed Deer

Unspecified
White-tailed Deer, Gray Wolf

Unspecified
White-tailed Deer, Coyote
**PNEUMONIA**
- **Acute**
  - White-tailed Deer

- **Aspiration**
  - White-tailed Deer

- **Bacterial**
  - **Interstitial**
    - Raccoon

- **Unspecified**
  - Raccoon

- **Eosinophilic and Granulomatous**
  - **Chronic – Active**
    - White-tailed Deer

- **Interstitial**
  - **Mild**
    - White-tailed Deer, Raccoon

  - **Mild to Minimal**
    - White-tailed Deer

  - **Unspecified**
    - White-tailed Deer, Gray Fox

- **Suppurative**
  - **Chronic**
    - White-tailed Deer

- **Unspecified**
  - White-tailed Deer, Bobcat

**POISONING**
- **Iron**
  - Peregrine Falcon, Trumpeter Swan, Common Loon

- **Lead**
  - **Acute**
    - Bald Eagle

  - **Chronic**
    - Bald Eagle, Trumpeter Swan, Mute Swan, Common Loon
Poisoning continued
Pentobarbital
   Bald Eagle

Phenytoin
   Bald Eagle

Selenium
   Bald Eagle, Common Loon

Theobromine and Caffeine (Chocolate)
   Black Bear

POX
Avian
   Cutaneous
      Wild Turkey

   Diptheritic
      Wild Turkey

Squirrel
   Eastern Fox Squirrel

PYELITIS
Lymphoplasmacytic
   Moderate
      Raccoon

RABIES
Red Fox, Striped Skunk

RUPTURE
Lens (Unilateral)
   White-tailed Deer

SEPTICEMIA
Bacterial
   Acute
      Bald Eagle


**Septicemia continued**
- Peracute
  - Common Loon

- Unspecified
  - White-tailed Deer, Bald Eagle, Common Loon

- Staphylococcal
  - Canada Goose

**SINUSITIS**
- Purulent
  - White-tailed Deer

**STARVATION**
- Cooper’s Hawk, Barred Owl

**STRESS**
- Abandonment
  - White-tailed Deer

- Due to Capture
  - Black Bear

- Due to Handling
  - Black Bear, Peregrine Falcon

- Snare
  - Black Bear, Gray Wolf

- Trap
  - Bobcat, Bald Eagle

- Unspecified
  - White-tailed Deer

**SUFFOCATION**
- Gray Wolf, Bald Eagle, Wild Turkey
THROMBOSIS
Fibrinoid
Arterial
Marked
Bald Eagle

TOXICITY
Corn
White-tailed Deer

TRAUMA
Moose, Elk, White-tailed Deer, Sika Deer, Black Bear, Gray Wolf, Coyote,
Red Fox, Gray Fox, Bobcat, River Otter, American Marten, Mink, Beaver, Raccoon, Porcupine,
Cottontail Rabbit, Eastern Gray Squirrel, Red Squirrel, Big Brown Bat, Bald Eagle,
Peregrine Falcon, Red-tailed Hawk, Broad-winged Hawk, Cooper’s Hawk, Sharp-shinned
Hawk, Great Horned Owl, Barred Owl, Long-eared Owl, Saw-whet Owl, Trumpeter
Swan, Mute Swan, Common Loon, Red-breasted Merganser, Great Blue
Heron, Sandhill Crane, Wild Turkey, Ruffed Grouse, American Crow, Cedar Waxwing

TREMATODIASIS
Hepatic
Bald Eagle

TUBERCULOSIS
Bovine
White-tailed Deer

TUBULES
Nephritic
Mineralized
Bald Eagle

TUMOR
Cortical
Adrenal
White-tailed Deer

Fibroma
White-tailed Deer
Tumor continued
Papilloma
Oral
Coyote

ULCERATION
Ocular
White-tailed Deer

VENTRICULITIS
Suppurative (Bacterial)
Marked
Elk