Summary of Diseases Affecting Michigan Wildlife
2009

**Abscess**
Cerebral/Cranial
Suppurative
Multiple
White-tailed Deer

Unspecified
White-tailed Deer

Diaphragmatic
White-tailed Deer

Glossal (Tongue)
White-tailed Deer

Muscular/Intramuscular
White-tailed Deer, Bald Eagle, Great Horned Owl

Oral
White-tailed Deer

Peritoneal
White-tailed Deer

Pulmonary
White-tailed Deer

Sinus
White-tailed Deer

Spinal
White-tailed Deer

Splenic
White-tailed Deer

Subcutaneous
White-tailed Deer, Bald Eagle, Ruddy Duck

**Actinomycosis**
White-tailed Deer
**Airsacculitis**
- Mycotic/Fungal
  - Red-tailed Hawk, Snowy Owl, Common Loon

- Necrotic
  - Caseous
    - Common Loon

- Necrotizing
  - Severe
    - Canada Goose

- Unspecified
  - Double-crested Cormorant, American Crow

**Anomaly/Deformity**
- Congenital
  - White-tailed Deer

**Ascites**
- White-tailed Deer

**Aspergillosis**
- Red-tailed Hawk, Snowy Owl, Common Loon, American Robin

**Botulism**
- Type C
  - Mallard, Mallard X Domestic Duck, Domestic Duck, Pectoral Sandpiper

- Type E
  - Common Loon, Double-crested Cormorant, Caspian Tern, Ring-billed Gull

**Bronchopneumonia**
- Bacterial
  - Necrotizing
    - Extensive
      - Gray Fox

- Unspecified
  - Gray Fox
Bronchopneumonia (continued)
Fibrino-necrotizing (Bacterial)
  Diffuse
  Severe
  Raccoon

Calcification
Cerebral Blood Vessel
  Elk

Cataract
Unilateral
  White-tailed Deer

Congestion
Pulmonary
  White-tailed Deer, Red Fox, Gray Fox, Raccoon, Striped Skunk, Little Brown Bat, Bald Eagle, Peregrine Falcon, Osprey, Cooper’s Hawk, Great Horned Owl, Barred Owl, Mute Swan, Canada Goose, Common Loon, White Pelican, Double-crested Cormorant, Wood Duck, Common Merganser, Red-breasted Merganser, Horned Grebe, Hairy Woodpecker, American Crow, American Robin, Eastern Bluebird, Fox Sparrow, American Goldfinch, Pine Siskin, Common Redpoll, Finch, European Starling, House Sparrow

  Renal
  White Pelican

  Splenic
  American Crow

Consolidation
Pulmonary
  American Crow

Cyst
Parasitic
  Taenia sp.
  White-tailed Deer
Cysticercosis
*Taenia hydatigena*
White-tailed Deer

*Echinococcus granulosus*
Elk, White-tailed Deer

Dehydration
White-tailed Deer, Gray Wolf, Red Fox, Gray Fox, Cottontail Rabbit, Bald Eagle, Peregrine Falcon, Red-tailed Hawk, Sharp-shinned Hawk, Merlin, Great Horned Owl, Wood Duck, Mourning Dove, Blue Jay, American Robin, Tree Swallow, European Starling

Dermatopathy
Northern Red Squirrel

Dermatophilosis (*Dermatophilus congolensis*)
White-tailed Deer

Distemper
Canine
Gray Fox, Raccoon

Drowning
Bald Eagle, Mute Swan, Canada Goose, Common Loon, Double-crested Cormorant, Wood Duck, Common Merganser, Horned Grebe, Great Blue Heron, American Crow, House Finch, European Starling

Ectasis
Follicular
White-tailed Deer

Edema
Pulmonary
Red Fox, Raccoon, Striped Skunk, Little Brown Bat, Bald Eagle, Peregrine Falcon, Osprey, Cooper’s Hawk, Great Horned Owl, Barred Owl, Mute Swan, Canada Goose, Common Loon, Double-crested Cormorant, Wood Duck, Common Merganser, Red-breasted Merganser, Horned Grebe, Great Blue Heron, Hairy Woodpecker, American Crow, Eastern Bluebird, American Goldfinch, House Finch, Finch, Common Redpoll, Pine Siskin, House Sparrow, European Starling
Edema (continued)
Subcutaneous
White Pelican

Electrocution
Bald Eagle, European Starling

Emphysema
Subcutaneous
White-tailed Deer

Encephalitis
Eastern Equine
White-tailed Deer

Endocarditis
Vegetative
White-tailed Deer

Enteritis
Hemorrhagic
White-tailed Deer, Gray Wolf, Osprey, House Sparrow

Necrotic
American Robin

Necrotizing
Hemorrhagic
Canada Goose, American Crow

Ulcerative
Hemorrhagic
Verminous
Mute Swan

Unspecified
Bald Eagle, Mute Swan
**Enterotoxemia/Corn Toxicity**
Corn Toxicity
White-tailed Deer

**Epizootic Hemorrhagic Disease**
White-tailed Deer

**Exposure**
Bald Eagle, Sharp-shinned Hawk, Eastern Bluebird, Purple Martin

**Fascioloidiasis**
Moose, White-tailed Deer

**Fibrosis**
Hepatic
Chronic
White-tailed Deer

**Folliculitis**
Granulomatous
White-tailed Deer

**Glossitis**
Bacterial
Necrotic
Chronic
White-tailed Deer

**Granuloma**
Parasitic (Lungworm)
Eosinophilic
Focal
White-tailed Deer

**Hematoma**
White-tailed Deer
Hemorrhages
Agonal
White-tailed Deer

Hernia
Diaphragmatic
White-tailed Deer

Hyperplasia
Biliary
White-tailed Deer

Lymphoid
Nodular
White-tailed Deer

Imbalance
Electrolyte
White-tailed Deer

Infection
Bacterial
White-tailed Deer, Great Horned Owl, Barred Owl, Double-crested Cormorant, European Starling

Coliform
American Crow

Infestation
Louse
White-tailed Deer

Inflammation
Diaphragmatic
Pyogranulomatous
Chronic
Elk
**Insufficiency**
Cardiac (Due to the presence of ingested fish)
   Common Loon

**Intoxication**
Diesel fuel
   Canada Goose

**Keratitis**
Bilateral
   White-tailed Deer

Extensive
   Locally
   White-tailed Deer

**Laryngitis**
Necrotizing
   Great Horned Owl, Barred Owl

**Leptospirosis** (suggestive)
   Striped Skunk

**Malnutrition**
   White-tailed Deer, Gray Wolf, Coyote, Red Fox, Gray Fox, Cottontail Rabbit, Eastern Chipmunk, Feral Pig, Bald Eagle, Peregrine Falcon, Red-tailed Hawk, Northern Goshawk, Sharp-shinned Hawk, Merlin, Snowy Owl, Great Horned Owl, Mute Swan, Canada Goose, Common Loon, Wood Duck, Horned Grebe, Mourning Dove, American Robin, Eastern Bluebird, Blue Jay, Purple Martin, Tree Swallow, Finch, European Starling

**Mange**
Demodectic
   White-tailed Deer

**Sarcoptic**
   Gray Wolf, Coyote, Red Fox
Meningitis
Eosinophilic
Subacute
Mild
White-tailed Deer

Meningoencephalitis
Eosinophilic and Lymphocytic
Severe
Elk

Microophalmia
American Goldfinch

Myiasis
Unspecified
White-tailed Deer, Red Fox

Warbles
Cuterebra sp.
Eastern Chipmunk

Myocarditis
Lymphocytic
Wild Turkey

Subacute
Focal
Wild Turkey

Myopathy
Capture (possible)
White-tailed Deer

Necrosis
Hepatic
White-tailed Deer
Necrosis (continued)
Myocardial
   Multifocal
   Wild Turkey

Nematodiasis
   Hepatic
   Unidentified
   Red-tailed Hawk

Respiratory
   *Dictyocaulus* sp.
   White-tailed Deer

Nephritis
   Interstitial
   Lymphoplasmacytic
   Subacute
   Multifocal
   Striped Skunk

Nephrosis
   White-tailed Deer

Pericarditis
   Fibrinous
   Acute
   White-tailed Deer

   Chronic
   White-tailed Deer

   Unspecified
   White-tailed Deer

Peritonitis
   Fibrinous
   Chronic
   White-tailed Deer
**Peritonitis (continued)**
Unspecified
  White-tailed Deer

**Perivasculitis**
Non-Suppurative
  Mild
  Elk

**Pharyngitis**
Necrotizing
  Great Horned Owl, Barred Owl

**Pleuritis**
Bacterial
  White-tailed Deer

Fibrino-Suppurative
  Chronic
  White-tailed Deer

Fibrinous
  Acute
  White-tailed Deer

  Chronic
  White-tailed Deer

Unspecified
  White-tailed Deer

**Pleuropneumonia**
Caseoorganumomatous
  Multifocal
  White-tailed Deer

**Pneumonia**
Bacterial
  White-tailed Deer
**Pneumonia (continued)**
Coagulative
  Chronic
    White-tailed Deer

Interstitial
  Mild
    White-tailed Deer, Gray Fox

Unspecified
  White-tailed Deer

Suppurative
  Chronic
    White-tailed Deer

Unspecified
  White-tailed Deer

Unspecified
  White-tailed Deer, Raccoon

**Poisoning**
Diazinon
  Mallard

Iron
  Chronic
    Bald Eagle

**Lead**
Acute
  Bald Eagle

Chronic
  Bald Eagle, Mute Swan, Canada Goose, Common Loon

Unspecified
  Trumpeter Swan

Unspecified (Suspected but not confirmed)
  Striped Skunk, Bald Eagle, Canada Goose, Mallard
Yew
  Wild Turkey  

Zinc Phosphide
  Wild Turkey

**Pox**
  Avian
  Wild Turkey, House Sparrow

**Pyelonephritis**
  Ascending
  Moderate
  Raccoon

**Rabies**
  Red Fox

**Salmonellosis**
  Evening Grosbeak, Northern Cardinal, American Goldfinch, Common Redpoll, Pine Siskin, American Tree Sparrow, Fox Sparrow

**Sarcocystosis**
  White-tailed Deer

**Septicemia (Bacterial)**
  White-tailed Deer, Hooded Merganser

**Shock**
  White-tailed Deer

**Starvation**
  Red-tailed Hawk, Snowy Owl, Great Horned Owl, Barred Owl, Great Blue Heron

**Stress**
  Due to Age
  Eastern Bluebird
Stress (continued)
Due to the Breeding Season
Tree Swallow

Due to Handling
White-tailed Deer, Peregrine Falcon, Osprey

Unspecified
White-tailed Deer, Little Brown Bat, Bald Eagle

Suffocation
Peregrine Falcon, Mourning Dove, Tree Swallow

Trauma
Moose, Elk, White-tailed Deer, Black Bear, Gray Wolf, Coyote, Red Fox, Bobcat, River Otter, Badger, Raccoon, Woodchuck, Snowshoe Hare, Cottontail Rabbit, Eastern Fox Squirrel, Eastern Chipmunk, Big Brown Bat, Little Brown Bat, Red Deer, Feral Pig, Dog, Domestic Cat, Bald Eagle, Peregrine Falcon, Red-tailed Hawk, Northern Goshawk, Cooper’s Hawk, Sharp-shinned Hawk, American Kestrel, Turkey Vulture, Snowy Owl, Great Horned Owl, Barred Owl, Screech Owl, Saw-whet Owl, Trumpeter Swan, Mute Swan, Canada Goose, Common Loon, Double-crested Cormorant, Mallard X Domestic Duck, Wood Duck, Ruddy Duck, Common Merganser, Domestic Duck, Horned Grebe, Pied-billed Grebe, Herring Gull, Great Blue Heron, Wild Turkey, Ruffed Grouse, American Woodcock, Rock Dove, Pileated Woodpecker, American Crow, Common Grackle, Blue Jay, Northern Cardinal, Cedar Waxwing, Eastern Bluebird, American Goldfinch, Finch, Common Redpoll, European Starling, House Sparrow

Trematodiasis
Intestinal
House Sparrow

Trichomoniasis
Mourning Dove, Great Horned Owl (possible), Barred Owl (possible)

Tuberculosis
Bovine
White-tailed Deer
Tumor
  Fibroma
    White-tailed Deer

Lipoma
  Infiltrative
    Canada Goose

Meningioma
  Psammomatous
    White-tailed Deer

Ulcer
  Corneal
    Unilateral
      White-tailed Deer

Ulceration and Rupture
  Corneal
    Bilateral
      White-tailed Deer

West Nile Virus
  White-tailed Deer, Red-tailed Hawk