

Summary of Diseases Affecting Michigan Wildlife 2012

Abscess

Airsac

Common Loon, Red-tailed Hawk

Articular

White-tailed Deer

Cardiac

White-tailed Deer

Cranial

White-tailed Deer

Eosinophilic

Granuloma

White-tailed Deer

Glossal (Tongue)

White-tailed Deer

Hepatic

Common Loon

Mesenteric

White-tailed Deer

Muscular

Organized

White-tailed Deer

Sublingual

White-tailed Deer

Unspecified

White-tailed Deer

Abscess continued...

Pleural

Multifocal

White-tailed Deer

Unspecified

White-tailed Deer

Pulmonary

White-tailed Deer

Splenic

White-tailed Deer

Subcutaneous

Mucopurulent

Bacterial

White-tailed Deer

Oral

White-tailed Deer

Unspecified

White-tailed Deer

Adhesions

Hepatic

White-tailed Deer

Iris

Unilateral

White-tailed Deer

Airsacculitis

Bacterial

American Coot

Chronic

Double-crested Cormorant

Mycotic

Ring-billed Gull

Airsacculitis continued...

Necrotic

Caseous

Red-tailed Hawk

Chronic

Canada Goose

Unspecified

Common Loon

Unspecified

Red-tailed Hawk

Anomaly

Congenital

White-tailed Deer

Anophthalmia

Congenital

White-tailed Deer

Ascites

White-tailed Deer, American Coot

Aspergillosis

Pulmonary

White-tailed Deer, Bald Eagle

Unspecified

Trumpeter Swan, Double-crested Cormorant, Mallard, Ring-billed Gull,
Swainson's Thrush

Botulism

Type C

Mallard, Herring Gull

Type E

Bald Eagle, Common Loon, Horned Grebe, Red-necked Grebe (probable),
Double-crested Cormorant

Bronchitis

Eosinophilic
Raccoon

Bronchopneumonia

Bacterial
Wolf, Gray

Cecitis

Hemorrhagic
White-tailed Deer

Cellulitis

Severe
Necrotizing
White-tailed Deer

Cestodiasis

Moniezia expansa
White-tailed Deer

Cholestasis

Moderate
Canada Goose

Congestion

Hepatic
White-tailed Deer, Eastern Fox Squirrel, Herring Gull

Nephritic
White-tailed Deer

Congestion continued...

Pulmonary

White-tailed Deer, Gray Fox, Raccoon, Opossum, Porcupine, Woodchuck, Eastern Fox Squirrel, Eastern Gray Squirrel, Southern Flying Squirrel, Big Brown Bat, Little Brown Bat, Bald Eagle, Osprey, Snowy Owl, Tundra Swan, Canada Goose, Common Loon, Mallard, Double-crested Cormorant, American Coot, Herring Gull, Red-tailed Hawk, Broad-winged Hawk, Cooper's Hawk, Common Nighthawk, Mourning Dove, American Crow, Common Grackle, European Starling House Sparrow, House Finch, American Goldfinch, Eastern Bluebird

Splenic

White-tailed Deer

Conjunctivitis

Chronic

American Goldfinch

Cyst

Biliary

Multilobular

White-tailed Deer

Resorbing

Tapeworm

White-tailed Deer

Cysticercosis

Hepatic

Taenia hydatigena

White-tailed Deer

Taenia taeniaeformis

White-tailed Deer, Muskrat

Muscular

Taenia krabbei (probable)

White-tailed Deer

Cysticercosis continued...

Pulmonary

Echinococcus granulosus

White-tailed Deer

Taenia hydatigena

White-tailed Deer

Dehydration

White-tailed Deer, Red-tailed Hawk, Snowy Owl, Trumpeter Swan, European

Starling

Dermatitis

Bacterial

Crusting

Striped Skunk

Alopecic

White-tailed Deer

Dermoid

Corneal

White-tailed Deer

Distemper

Canine

Coyote, Red Fox, Gray Fox, Raccoon, Striped Skunk

Drowning

Gray Wolf, Bald Eagle, Snowy Owl, Peregrine Falcon (possible), Common Loon (possible)

Edema

Pulmonary

White-tailed Deer, Raccoon, Opossum, Porcupine, Woodchuck, Eastern Fox Squirrel, Eastern Gray Squirrel, Southern Flying Squirrel, Big Brown Bat, Little Brown Bat, Bald Eagle, Snowy Owl, Canada Goose, Common Loon, Mallard, Double-crested Cormorant, American Coot, Herring Gull, Red-tailed Hawk, Cooper's Hawk, American Crow, Common Grackle, House Sparrow, House Finch, American Goldfinch

Edema continued...

- Subcutaneous
 - Hemorrhagic
 - White-tailed Deer
 - Serosanguineous
 - White-tailed Deer
 - Unspecified
 - White-tailed Deer

Egg

- Fertile (possible, embryo died in early incubation)
 - Loon, Common
- Infertile
 - Peregrine Falcon

Electrocution

- Bald Eagle, Red-tailed Hawk, Great-horned Owl

Encephalitis

- Non-Suppurative
 - Mild
 - White-tailed Deer

Enteritis

- Bacterial (Coccobacilli) and Verminous (Trematode – *Leyogonimus polyoon*)
 - Fibronectrotizing
 - Transmural
 - Extensive
 - Severe
 - American Coot
- Hemorrhagic
 - White-tailed Deer, Gray Fox
- Necrotizing (possible)
 - Gray Fox
- Pseudomembranous
 - Bald Eagle

Enteritis continued...

Ulcerative

Hemorrhagic

Verminous

Trumpeter Swan

Enterotoxemia

White-tailed Deer

Epicarditis

Fibrinous

Chronic

White-tailed Deer

Lympho-plasmacytic

Great-horned Owl

Epidermatitis

Proliferative

Broad-winged Hawk

Epizootic Hemorrhagic Disease

White-tailed Deer

Exposure

Gray Wolf

Fascioloidiasis

Moose, White-tailed Deer

Filariasis

Circulatory

Porcupine

Gastritis

Hemorrhagic

White-tailed Deer, Gray Fox

Gingivitis

White-tailed Deer

Gliosis

Mild

Porcupine

Goiter

Colloidal

White-tailed Deer

Gout

Renal

Mild

White-tailed Deer

Visceral

Trumpeter Swan, American Crow

Hemopericardium

Eastern Fox Squirrel, Eastern Gray Squirrel

Hemorrhage

Cranial

Multifocal

White-tailed Deer

Hepatic

Eastern Fox Squirrel

Intramuscular

White-tailed Deer

Pulmonary

Raccoon, Eastern Fox Squirrel

Hemothorax

White-tailed Deer, Eastern Fox Squirrel

Hepatitis

Bacterial

White-tailed Deer

Infectious

Canine

Raccoon

Necrotizing

Multifocal

Muskrat, Great Horned Owl

Hernia

Abdominal

White-tailed Deer

Diaphragmatic

White-tailed Deer

Infection

Bacterial

Clostridium

Bald Eagle

Bacterial

Unspecified

White-tailed Deer, Woodchuck, Snowy Owl

Infestation

Louse

Snowy Owl

Tick

Dermacentor albipictus

Moose

Ixodes cookei

Woodchuck, Mink

Inflammation

Lymphoplasmacytic
Bilateral
Mild
Elk

Insufficiency

Pulmonary
White-tailed Deer

Laminitis

White-tailed Deer

Malnutrition

White-tailed Deer, Gray Wolf, Red Fox, Gray Fox, Raccoon, Opossum, Striped Skunk, Bald Eagle, Golden Eagle, Red-tailed Hawk, Broad-winged Hawk, Cooper's Hawk, Snowy Owl, Trumpeter Swan, Tundra Swan, Canada Goose, Common Loon, Mallard, Double-crested Cormorant, Wild Turkey, Mourning Dove, Common Raven, American Crow, European Starling

Mange

Notoedric
Eastern Fox Squirrel

Sarcoptic
Gray Wolf (probable), Red Fox, Raccoon

Meningoencephalitis

Suppurative
Woodchuck

Metritis

Suppurative
Chronic
White-tailed Deer

Myiasis

White-tailed Deer, Bald Eagle

Myocarditis

Multifocal
White-tailed Deer

Myositis

Heterophilic
Marked
Snowy Owl

Necrotizing
Severe
White-tailed Deer

Nematodiasis

Abdominal
Ruffed Grouse

Cerebrospinal
Parelaphostrongylus tenius
Moose, Elk

Intestinal
European Starling

Pulmonary
Raccoon

Muscular
Dracunculus insignis
Mink

Subcutaneous
Dracunculus insignis
Mink

Nephritis

Degeneration and Necrotic
Tubular
Marked
Bald Eagle

Nephritis continued...

Interstitial

Lympho-plasmacytic
Raccoon

Unspecified
American Crow

Necrotic

Chronic
White-tailed Deer

Unspecified
Bald Eagle

Nodes

Hemal

White-tailed Deer

Lymph

White-tailed Deer

Pericarditis

Fibrinous

Chronic
White-tailed Deer

Mild
White-tailed Deer

Suppurative
Chronic
White-tailed Deer

Unspecified
White-tailed Deer

Necrotic

Chronic
White-tailed Deer, Double-crested Cormorant

Pericarditis continued...

Suppurative
Chronic
White-tailed Deer

Unspecified
White-tailed Deer

Periodontal Disease

White-tailed Deer

Peritonitis

Egg Yolk
Common Loon

Fibrinous
Suppurative
Chronic
White-tailed Deer

Unspecified
White-tailed Deer

Necrotic
Chronic
White-tailed Deer, Canada Goose

Suppurative
Chronic
White-tailed Deer

Pharyngitis

Heterophilic
Marked
Snowy Owl

Pleuritis

Bacterial
Fibrinous
Chronic
White-tailed Deer

Pleuritis continued...

Fibrinous

Chronic

White-tailed Deer, Gray Fox

Suppurative

Chronic

White-tailed Deer

Unspecified

White-tailed Deer, Eastern Gray Squirrel

Mild to Moderate

White-tailed Deer

Mucopurulent

Severe

White-tailed Deer

Necrotic

White-tailed Deer

Suppurative

Chronic

White-tailed Deer

Unspecified

White-tailed Deer

Pneumonia

Aspiration

Raccoon, Osprey

Bacterial

Chronic

White-tailed Deer

Consolidated

Severe

White-tailed Deer

Mild

White-tailed Deer

Pneumonia continued...

Bacterial continued...

Unspecified

White-tailed Deer, Eastern Gray Squirrel

Interstitial

Bacterial

Severe

Chronic

White-tailed Deer

Unspecified

White-tailed Deer

Mild

Raccoon

Unspecified

White-tailed Deer, Gray Fox, Striped Skunk

Mycotic

Ring-billed Gull

Necrotic

Caseous

Red-tailed Hawk

Unspecified

White-tailed Deer

Severe

Chronic

White-tailed Deer

Suppurative

Chronic

White-tailed Deer

Unspecified

White-tailed Deer

Unspecified

White-tailed Deer, Mourning Dove

Poisoning

Lead

Acute

Bald Eagle

Chronic

Bald Eagle, Trumpeter Swan, Common Loon, Canada Goose

Subacute

Bald Eagle

Unspecified

Bald Eagle

Organochlorine

DDE

Bald Eagle

DDE, DDD and DDT

American Robin

Pentobarbital

Bald Eagle

Phosphide (possibly Zinc Phosphide)

Wild Turkey

Plant (Benzaldehyde dimethyl acetal and mandelonitrile)

Canada Goose

Pox

Avian

Broad-winged Hawk

Squirrel

Eastern Gray Squirrel

Rabies

Gray Fox, Striped Skunk, Little Brown Bat

Salmonellosis

American Goldfinch, Pine Siskin

Sarcocystosis

Glossal
White-tailed Deer

Mild
White-tailed Deer

Unspecified
White-tailed Deer

Septicemia

Bacterial
White-tailed Deer, Woodchuck, Eastern Gray Squirrel

Seroma (hydrocyst)

White-tailed Deer

Sparganosis

Muscular (*Spirometra mansoni*)
Mink

Splenitis

Necrotizing
Multifocal
Great Horned Owl

Unspecified
American Crow

Stomatitis

Heterophilic
Marked
Snowy Owl

Stress

Due to Handling
Osprey, Canada Goose

Due to Surgery and Captivity
Bald Eagle

Stress continued...

Unspecified

White-tailed Deer, Little Brown Bat, Common Grackle, European Starling, House Finch

Strobilocercosis*Taenia taeniaeformis*

Muskrat

Synechia

Ocular

Anterior

Elk

Tamponade

Cardiac

White-tailed Deer, Osprey

Toxicity

Corn

White-tailed Deer

Trauma

Moose, Elk, White-tailed Deer, Gray Wolf, Coyote, Red Fox, Gray Fox, Bobcat, Beaver, Mink, Raccoon, Opossum, Woodchuck, Eastern Fox Squirrel, Eastern Gray Squirrel, Southern Flying Squirrel, Big Brown Bat, Little Brown Bat, Bald Eagle, Golden Eagle, Osprey, Peregrine Falcon, Red-tailed Hawk, Rough-legged Hawk, Sharp-shinned Hawk, Cooper's Hawk, Merlin, Snowy Owl, Great Horned Owl, Barred Owl, Long-eared Owl, Screech Owl, Trumpeter Swan, Tundra Swan, Mute Swan, Canada Goose, Common Loon, Mallard, Wood Duck, Double-crested Cormorant, Great Blue Heron, Wild Turkey, Mourning Dove, Belted Kingfisher, American Crow, European Starling, Red-winged Blackbird, American Robin, Eastern Bluebird

Trematodiasis

Hepatic

Amphimerus elongate

Double-crested Cormorant

Unidentified species

Common Loon

Trichomoniasis (Probable)
Snowy Owl

Tuberculosis
Bovine
White-tailed Deer

Tumor
Carcinoma
Hepatocellular
Multiple
Poorly Differentiated
White-tailed Deer

Intrabdominal
Disseminated
White-tailed Deer

Fibroma
White-tailed Deer

Papilloma
Oral
Canine
Coyote

Meningioma
Epithelioid
Elk

Sarcoma
Histiocytic
Multiple
White-tailed Deer

Ulceration
Corneal
Chronic
Elk

West Nile Virus

Eastern Fox Squirrel, Red-tailed Hawk, Great Horned Owl, Wild Turkey,
American Crow, Blue Jay, House Finch

Yolk Sac

Retained

Common Loon