

Summary of Diseases Affecting Michigan Wildlife 2013

Abscess

Abdominal

Common Loon

Articular

Bald Eagle

Caseogranulomatous

Chronic

White-tailed Deer

Conjunctival

White-tailed Deer

Cranial

White-tailed Deer

Gastric

White-tailed Deer

Hepatic

White-tailed Deer

Mesenteric

White-tailed Deer

Muscular

Organized

White-tailed Deer

Unspecified

White-tailed Deer, Canada Goose

Neurological (Spinal)

White-tailed Deer

Ocular (Hypopyon)

White-tailed Deer

Oral

White-tailed Deer

(Abscess continued)

Pulmonary
White-tailed Deer, American Robin

Respiratory
White-tailed Deer

Subcutaneous
White-tailed Deer, Canada Goose

Adhesions

Hepatic
White-tailed Deer

Airsacculitis

Fibrino-Necrotizing
Chronic
Peregrine Falcon

Fibrinous
Chronic
Peregrine Falcon, American Crow, American Robin

Mycotic
Trumpeter Swan, Ring-billed Gull, Common Raven

Necrotic
Caseous
Chronic
Common Loon

Unspecified
Chronic
Bald Eagle, American Crow, American Robin

Anomaly

Congenital
Pelage
White-tailed Deer

Skeletal
White-tailed Deer

Anthracosis

Moderate
House Sparrow

Ascites

Displaced ovarian follicle
American Robin

Hemorrhagic
White-tailed Deer

Aspergillosis

Pulmonary
Disseminated
Golden Eagle

Unspecified
Golden Eagle, Trumpeter Swan, Tundra Swan, Common Loon, Ring-billed Gull, Common Raven

Botulism

Type E
Common Loon, Horned Grebe, Red-necked Grebe

Type E (Possible)
Bald Eagle, Common Tern, Ring-billed Gull

Bronchiolitis

Lymphoplasmacytic
Multifocal
Eosinophilic and Histiocytic
Raccoon

Bronchopneumonia

Bacterial
Mild
Common Tern

Caseogranulomatous
Multifocal
Mild
Common Loon

(Bronchopneumonia continued)

Unspecified
Red Fox

Bulbi (shrinking and wasting of the eye ball)

Phthisis
Bobcat

Bursitis

Chronic
Bald Eagle

Capsulitis

Hepatic
Peregrine Falcon

Congestion

Cranial
White-tailed Deer

Hepatic
White-tailed Deer, Canada Goose

Nephritic
White-tailed Deer, Canada Goose, Pileated Woodpecker

Pulmonary

White-tailed Deer, Black Bear, Gray Fox, Raccoon, Opossum, Snowshoe Hare, Eastern Fox Squirrel, Big Brown Bat, Little Brown Bat, Bald Eagle, Peregrine Falcon, Osprey, Red-tailed Hawk, Cooper's Hawk, Great Horned Owl, Screech Owl, Mute Swan, Common Loon, Canada Goose, Mallard, Ring-billed Gull, Common Tern, Great Blue Heron, Common Raven, American Crow, Pileated Woodpecker, Common Grackle, American Robin, House Sparrow, Black-capped Chickadee

Splenic

White-tailed Deer, Canada Goose

Cysticercosis

Hepatic

White-tailed Deer

Pulmonary

Echinococcus granulosus

Moose, White-tailed Deer

Dehydration

White-tailed Deer, Red Fox, Peregrine Falcon, Osprey, Red-tailed Hawk, Great Horned Owl, Barred Owl, Trumpeter Swan, Common Loon, Canada Goose, Common Raven, American Crow, Red-bellied Woodpecker, American Robin

Dermatitis

Allergic (Flea)

Superficial

Mild

Eastern Fox Squirrel

Bacterial

Dermatophilus congolensis

White-tailed Deer

Staphylococcus sp.

Hyperkeratotic

Wild Turkey

Secondary

Wild Turkey

Ulcerative

River Otter

Hyperkeratotic

Red Squirrel

Perivascular

Superficial

Mild

White-tailed Deer

Difficulties

Birthing

White-tailed Deer

Hatching

Common Loon

Disorder

Metabolic

White-tailed Deer

Distemper

Canine

Black Bear, Gray Fox, Raccoon

Drowning

Bald Eagle

Possible Drowning

Common Loon, Mute Swan, Mallard, Common Grackle, House Sparrow

Edema

Muscular

White-tailed Deer

Pulmonary

White-tailed Deer, Black Bear, Raccoon, Striped Skunk, Snowshoe Hare, Eastern Fox Squirrel, Big Brown Bat, Little Brown Bat, Bald Eagle, Peregrine Falcon, Osprey, Red-tailed Hawk, Cooper's Hawk, Great Horned Owl, Mute Swan, Common Loon, Canada Goose, Mallard, Ring-billed Gull, Common Tern, Great Blue Heron, Common Raven, American Crow, Common Grackle, American Robin, House Sparrow, Black-capped Chickadee

Subcutaneous

Hemorrhagic

White-tailed Deer

Serosanguineous

White-tailed Deer

(Edema continued)

Unspecified
White-tailed Deer

Egg

Infertile
Peregrine Falcon, Common Loon

Electrocution

Power line
Bald Eagle

Transformer
Golden Eagle

Encephalitis

Non-Suppurative
Red Fox

Non-Suppurative (Possible Viral)
White-tailed Deer

Suppurative
Acute
White-tailed Deer

Enteritis

Bacterial
Hemorrhagic
Clostridium perfringens
White-tailed Deer

Unspecified
American Robin

Necrotic
American Robin

Ulcerative
Hemorrhagic
Verminous
Mute Swan

Enterotoxemia

White-tailed Deer

Eosinophilia

Parasitic

White-tailed Deer

Epizootic Hemorrhagic Disease

White-tailed Deer

Exposure

Gray Wolf, Red Fox, Red Squirrel, Big Brown Bat

Fascioloidiasis

Moose, White-tailed Deer

Fibromatosis

White-tailed Deer

Folliculitis

Bacterial

Staphylococcus sp.

Wild Turkey

Gastritis

Hemorrhagic

White-tailed Deer

Gout

Visceral

Great Horned Owl

Granuloma

- Bacterial
 - Cardiac
 - Wild Turkey
- Splenic
 - Wild Turkey

Hemorrhages

- Agonal
 - White-tailed Deer
- Pulmonary
 - Pileated Woodpecker

Hemosiderosis

- Hepatic
 - Wild Turkey
- Splenic
 - Wild Turkey

Hemothorax

- White-tailed Deer

Hepatitis

- Bacterial
 - Multifocal
 - American Robin
 - Unspecified
 - American Robin
- Granulomatous
 - Multifocal
 - Verminous (Fluke)
 - Bald Eagle
 - Unspecified
 - Wild Turkey

(Hepatitis continued)

Necrotizing
Red Fox

Periportal
Minimal
Gray Wolf

Unspecified (Trematode)
Mute Swan

Hernia

Abdominal
Common Loon

Hyperplasia

Bile Duct
White-tailed Deer

Hypertrophy

Splenic
American Robin

Imbalance

Electrolyte
White-tailed Deer

Infection

Bacterial
Staphylococcus sp.
Bald Eagle

Staphylococcus sp. (Bumblefoot)
Wild Turkey

Unspecified
White-tailed Deer

Infiltrates

Lymphocytic
 Cardiac
 Wild Turkey

Hepatic
 Wild Turkey

Nephritic
 Wild Turkey

Pulmonary
 Wild Turkey

Intoxication

Fruit
 Cedar Waxwing

Laminitis

White-tailed Deer

Lipidosis

Black Bear

Malnutrition

Elk, White-tailed Deer, Gray Wolf, Red Fox, Gray Fox, Bobcat, Bald Eagle, Peregrine Falcon, Osprey, Red-tailed Hawk, Great Horned Owl, Barred Owl, Saw-whet Owl, Trumpeter Swan, Mute Swan, Tundra Swan, Common Loon, Canada Goose, Herring Gull, Ring-billed Gull, Great Blue Heron, Green Heron, Wild Turkey, Common Raven, American Crow, American Robin, House Sparrow

Mange

Notoedric
 Red Squirrel

Sarcoptic
 Gray Wolf, Coyote, Red Fox

Meningitis

Eosinophilic (Parasite Migration)
Elk

Fibrino-suppurative
White-tailed Deer

Non-Suppurative (Bacterial)
Moderate
Raccoon

Suppurative
Acute
White-tailed Deer

Unspecified
White-tailed Deer

Meningoencephalitis

Lymphoplasmacytic
Mild
White-tailed Deer

Non-Suppurative
Severe
White-tailed Deer

Viral (Possible)
White-tailed Deer

Metritis

Suppurative
Chronic
White-tailed Deer

Mineralization

Fat
White-tailed Deer

Vascular
White-tailed Deer

Mycoplasmosis

House Finch

Myiasis

Nasopharyngeal

White-tailed Deer

Unspecified

White-tailed Deer, Coyote

Necrosis

Fat

Retrobulbar

Severe

White-tailed Deer

Nematodiasis

Cerebrospinal

Paralaphostrongylus tenuis

Elk (Possible), White-tailed Deer

Pulmonary

Dictyocaulus sp.

White-tailed Deer

Unspecified

White-tailed Deer

Neovascularization

Corneal

Mild

White-tailed Deer

Nephritis

Interstitial

Granulomatous (with Intra-lesional Trematode larvae)

Common Loon

Multifocal (Probable Viral)

Bald Eagle

Pericarditis

Fibrinous

Chronic

White-tailed Deer, Peregrine Falcon, Common Loon

Unspecified

White-tailed Deer, Trumpeter Swan

Fibrono-Necrotizing

Chronic

Peregrine Falcon

Unspecified

Moose

Peritonitis

Caseonecrotic

Chronic

Common Loon, House Sparrow

Fibrinous

Chronic

Gray Wolf, White-tailed Deer, Mute Swan, Common Loon

Necrotic

Chronic

American Crow

Perivasculitis

Eosinophilic (Parasite Migration)

Elk

Serosal (Trematode)

Mute Swan

Pigmentation

Fat

White-tailed Deer

Pleuritis

Fibrinous
Chronic
White-tailed Deer

Unspecified
White-tailed Deer

Hemorrhagic and Fibrinous
White-tailed Deer

Unspecified
White-tailed Deer

Pneumonia

Aspiration
Snowshoe Hare, Osprey

Bacterial
Mild
White-tailed Deer

Chronic
Bald Eagle

Inhalation
White-tailed Deer

Interstitial
Bacterial
Moderate
House Sparrow

Lymphocytic and Eosinophilic
Raccoon

Lympho-plasmacytic
Moderate
River Otter

Mild
Raccoon

Moderate
Red Squirrel

(Pneumonia continued)

(Interstitial continued)

Mononuclear
Red Fox

Peribronchial
Raccoon

Unspecified
Striped Skunk

Necrotic
Chronic
Peregrine Falcon

Suppurative
Chronic
White-tailed Deer

Unspecified
Red Fox, White-tailed Deer

Viral
White-tailed Deer

Poisoning

Anticoagulant
Brodifacoum and Difenacoum
Eastern Gray Squirrel

Lead
Acute
Bald Eagle

Chronic
Bald Eagle

Mercury
Bald Eagle

Pox

Avian

Bald Eagle, Wild Turkey, Black-capped Chickadee, House Finch

Rabies

Big Brown Bat

Rupture

Lens

Bobcat

Salmonellosis

Mourning Dove, Common Redpoll, House Sparrow, Purple Martin

Sarcocystosis

White-tailed Deer, Mallard, American Widgeon

Septicemia

Bacterial

Erysipelothrix sp.

Wild Turkey

Unspecified

White-tailed Deer, Peregrine Falcon, Wild Turkey, Purple Martin

Unspecified

White-tailed Deer

Splenitis

Granulomatous

Multifocal

Wild Turkey

Necrotizing

Red Fox

Starvation

White-tailed Deer

Steatitis (Inflammation of Adipose Tissue)
White-tailed Deer

Stillbirth
White-tailed Deer

Stomatitis
Fibrino-Necrotizing
Severe
Peregrine Falcon

Stress
Due to Handling
White-tailed Deer, Bald Eagle

Unspecified
Big Brown Bat, Little Brown Bat, Bald Eagle, Peregrine Falcon
(Possible), Cooper's Hawk, Common Loon, Mallard, Great Blue Heron,
Common Raven, Common Grackle, American Robin, Black-capped
Chickadee, House Sparrow

Suffocation (Possible)
Peregrine Falcon

Synchecia
Anterior
Bobcat

Toxoplasmosis
Disseminated
Red Fox

Trauma

Moose, Elk, White-tailed Deer, Black Bear, Gray Wolf, Red Fox, Gray Fox, Bobcat, Raccoon, Opossum, American Marten, Eastern Fox Squirrel, Big Brown Bat, Little Brown Bat, Golden Eagle, Bald Eagle, Osprey, Red-tailed Hawk, Cooper's Hawk, Sharp-shinned Hawk, Merlin, Great Horned Owl, Barred Owl, Screech Owl, Mute Swan, Trumpeter Swan, Trumpeter X Whooping Swan, Common Loon, Canada Goose, Mallard, Ring-billed Gull, Sandhill Crane, Snowy Egret, Green Heron, Wild Turkey, Ruffed Grouse, Common Raven, American Crow, Pileated Woodpecker, Red-bellied Woodpecker, American Robin, European Starling, Red-winged Blackbird, Cedar Waxwing, House Sparrow, Common Redpoll, Eastern Kingbird, American Goldfinch, House Finch, Eastern Towhee, Pine Siskin

Trichinosis

White-tailed Deer

Trichomoniasis (Frounce)

Peregrine Falcon

Tuberculosis

Bovine

White-tailed Deer

Tumor

Fibroma

White-tailed Deer

Lipoma

Splenic

Multiple

White-tailed Deer

Ulceration

Corneal

White-tailed Deer

Weak Fawn Syndrome

White-tailed Deer

West Nile Virus

Bald Eagle, Great Horned Owl, Red-tailed Hawk, Cooper's Hawk, American Kestrel, Ring-billed Gull, Great Blue Heron, Wild Turkey, Common Raven, American Crow, Blue Jay, Common Grackle, American Robin, Cedar Waxwing, House Finch