

Mammalia Overview

- >100 species in Maryland
- •Extirpated species include:
 - American elk
 - · American marten
 - Gray wolf
 - American bison

Note: This guide is an overview of select species found in Maryland. The taxonomy and descriptions are based on Peterson Field Guide to Mammals of North America, 4th Ed







Order: Rodentia

- Largest group of mammals
- 25 species in Maryland
- Castoridae (beaver)
- o Erethizontidae (porcupine)
- Muridae (mice and rats)
 - includes native mice and rats, jumping mice, introduced mice and rats, lemmings, voles, muskrats
- Sciuridae (squirrels,
- chipmunks, woodchucks)

 Teeth never stop growing
- Until recently: Myocastoridae (nutria) - eradicated in 2022

Beaver teeth





Castoridae: American Beaver (Condatra zibethicus)
Head & body = 2-3', tail = 1'
Scaly, paddle-shaped tail; 1 hump visible when swimming (usual)

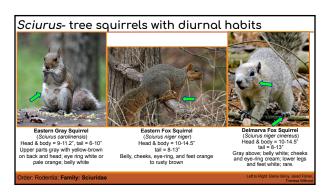
Arvicolinae: Common Muskrat (Ondatra zibethicus)
Head & body = 12', tail = 9'
Flattened tail; 3 humps visible when swimming (usual)

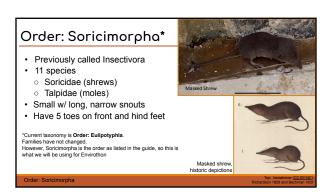
Order: Rodentia

Arvicolinae: Common Muskrat (Ondatra zibethicus)
Head & body = 12', tail = 9'
Squared-off head wi/white winskers; rounded tail; invasive winskers; rounded tail; invasive winskers; rounded tail; this parameter of the state of the s









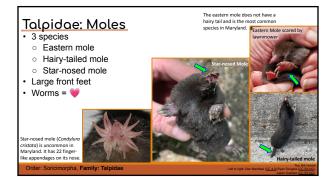
Northern Short-tailed Shrew (Blarina brevicauda)

- Head & body = 4", tail = 1"
- · Small eyes, tiny ears, short tail
- Must eat 3x its weight/day
- Toxic saliva, which can paralyze or kill insects

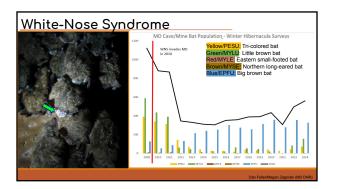
Order: Soricimorpha, Family: Soricidae

Echolocation

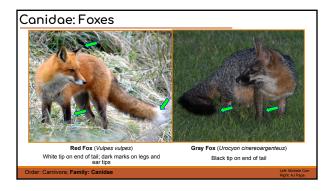




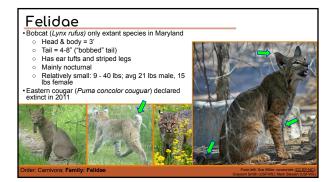














Mustelids



American Mink (Mustela vison)
Head & body = 12-16°
Tail = 5.5-8°

Dark brown with white on chin and chest;
usually near water



Head & body = 17-31"
Tail = 12-16"
Large and dark; head and shoulders grizzled; prefers coniferous or deciduous-conifer forest

Order: Carnivora; Family: Mustelidae

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Northern River Otter (Lontra canadensis)

- •Head & body = 26-31"
- •Tail = 12-20"
- •Feet broad and webbed
- Upperparts brown and belly silvery
- Strong swimmer
- •Eats fish, crayfish, frogs, etc.



Order: Carnivora; Family: Mustelidae

Phocidae - Seals

- •4 species in Maryland
- ·Lack external ears
- •Hind flippers face back & front flippers are small
- •Mostly found along Atlantic coast in Maryland, but can travel up the Bay
- •Protected under the Marine Mammal Protection Act



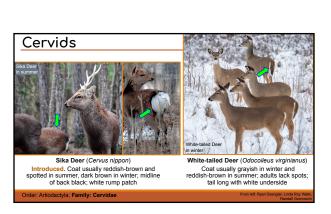
Juvenile Harp Seal (Pagophilus groenlandicus)

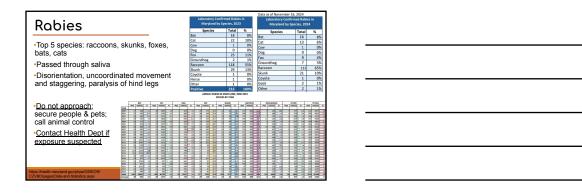
Adult males have black face and black
horseshoe-shaped patch on back. Adult females have
similar markings though lighter.

Order: Carnivora; Family: Phocidae

Above: Stephanie Venarchick, M

Order: Artiodactyla • Even-toed ungulates • 2 species in Maryland • Family Cervidae: • White-tailed deer • Sika deer





For Additional Information

For more information on Maryland's mammals, please visit our webpage at: dnr.maryland.gov/wildlife
Additional information can be found in the following resources.

Book Resources:
Peterson Field Guide to Mammals of North America, 4th Ed

- Online Resources:

 Maryland Envirothon (Wildlife and Heritage Service)

 Mammals of Maryland (MD DNR)

 Maryland Bliodiversity Project (Mammals)

