Animals with Fur

A Closer Look
Mammals are animals that have hair or fur on their body, have a backbone, are warm-blooded, have lungs and breathe air, give birth to live young, and mothers nurse their young with milk.
Fur is the same thing as hair. Hair is one characteristic of all mammals. The word fur is used to describe the hair on non-human mammals.
A Closer Look At Hair Structure
Subcutaneous Fat
How is Heat Generated?
Guard Hairs and Under Fur
A Closer Look At A Hair Shaft

- Medulla
- Cortex
- Cuticle

Christinelmiller, CC BY-SA 4.0 <https://creativecommons.org/licenses/by-sa/4.0>, via Wikimedia Commons
Some of the distinct shapes of the medulla:
A. Uniserial ladder (rabbit)
B. Multiserial ladder (rabbit)
C. Vacuolated (dog, fox)
D. Lattice (deer, elk)
E. Amorphous (black bear, human)
Different Types of Fur
River Otter Whiskers

Photo courtesy of: Jacob Dingel
Warning Fur of the Skunk

Photo courtesy of: Jacob Dingel
Conservation

Flooded road caused by a beaver
State Game Lands

Public Hunting
Pennsylvania
Game Commission

3245 Acres
Red Fox

Photo courtesy of: Jacob Dingel
Eastern Coyote

Photo courtesy of: Jacob Dingel
Striped Skunk
Raccoon
Opossum
Porcupine
Weasels

Long-tailed weasel