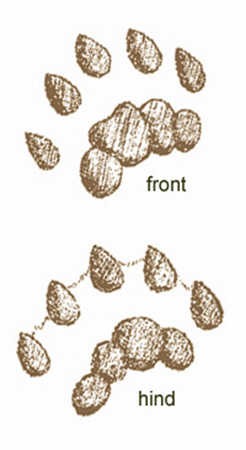
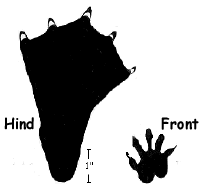
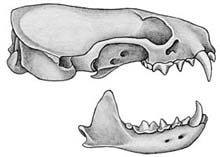
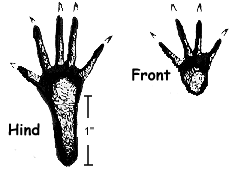
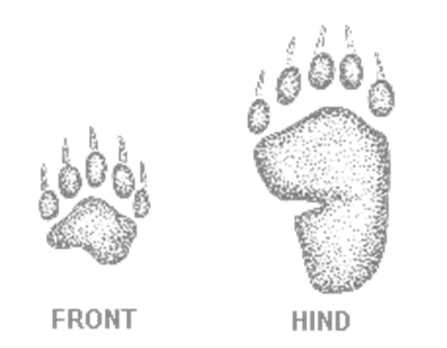
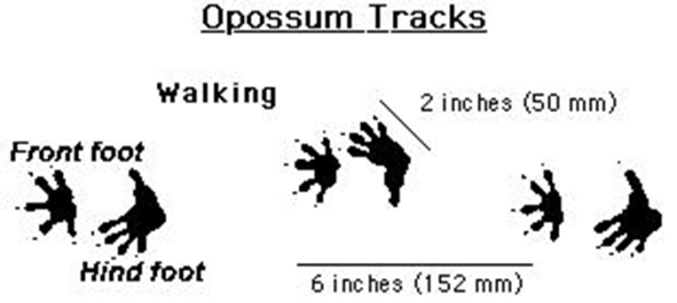
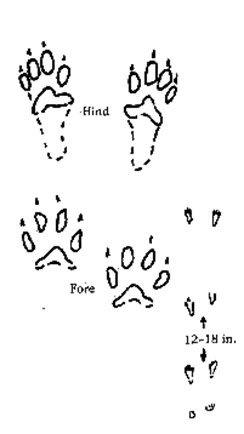
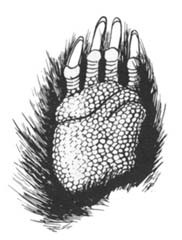
NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Wildlife Notes 11-26 (Mammals) Mrs. Weimer

1. River Otter  
   Lutra Canadensis
   1. Live in/near clean water
   2. Protected in PA since \_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. Reintroduced to PA in 1985 (PSU,ESU,PGC)
   4. Carnivore, prefers fish
   5. Intelligent, playful and “athletic”
   6. Good underwater senses
   7. Order = Carnivora Family = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   8. Facts:
      1. Males are 10-25 lbs, females smaller
      2. \_\_\_\_\_\_\_\_\_ layers of fur: short underfur and long guardhair
      3. Obtain food from water: fish, mussels, snails, etc
      4. Eyesight superb below water;\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
      5. Most adept land mammal for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
      6. Can swim up to \_\_\_\_\_\_\_\_\_\_\_\_\_ mile without coming up for air
      7. Sexually mature at \_\_\_\_\_\_\_\_\_ years
      8. Females undergo \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of 9-12 months before eggs attach to uterus
      9. Gestation 2 months
      10. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
      11. Frequently groom themselves to prevent \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
      12. Lifespan = \_\_\_\_\_\_\_\_\_\_\_ years
2. Beaver  
   Castor Canadensis
   1. North America’s largest \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. Large, orange \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. Webbed rear feet (w/ split toenail for grooming)
   4. Large, flat, leathery tail
   5. K-selective (young called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)
   6. Trapped for fur (hats)
   7. Weak vision, good sense of \_\_\_\_\_\_\_
   8. Build lodges and dams
   9. Excellent swimmers (can submerge for \_\_\_\_\_\_ minutes)
   10. Alter ecosystems to fit their needs
   11. Aspen, birch, maple, beech (store food in winter)
   12. Order = \_\_\_\_\_\_\_\_\_\_\_\_ Family = Castoridae
   13. Adults weight \_\_\_\_\_\_ lbs
   14. An extinct giant beaver of the Pleistocene era was as big as a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   15. Tail is 8-12inches, with leathery covering
   16. Both males and females possess \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to mark territories (used to make ingredients in medicine and perfume) animal uses it to rub on fur as a water repellent
   17. Front teeth never stop growing (rodent)
   18. Prefer \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and will eat them when available
   19. Build dams on streams and creeks
   20. Backs up a barrier of water to create a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   21. Require periodic maintenance
   22. Lodges are built for their \_\_\_\_\_\_\_\_\_\_\_\_\_\_
   23. Beaver lodges can house up to \_\_\_\_\_\_\_\_ beavers
   24. Females are monogamous, but males may breed more than one female
   25. Young remain with parents for up to \_\_\_\_\_\_\_ years
   26. Little to no predation
   27. Can live up to \_\_\_\_\_\_\_\_\_ years
   28. Can cohabitate with the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ during the winter months
3. Mink  
   Mustela vison
   1. Nasty temper
   2. Fierce fighters
   3. Thick, full, glossy fur
   4. #1 predator of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   5. Live in forested areas near water shores
   6. Primarily \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   7. Highly trapped, grown on commercial farms
   8. Order = Carnivora Family = Mustelidae
   9. Facts:
   10. Mustelid family (weasel, marten, wolverines,etc.)
   11. Active year round
   12. Most active at \_\_\_\_\_\_\_\_\_\_\_\_\_
   13. Opportunistic feeder
   14. Carnivorous
   15. Live in dens near water
   16. Basically solitary until \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   17. Also undergo \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   18. 15-50 days until the egg attaches to uterine lining
   19. Gestation period of 28-30, but actual time from implantation is \_\_\_\_\_\_\_\_\_\_\_\_\_\_ days
   20. Live up to 10 years
   21. Mink was introduced from Sweden in \_\_\_\_\_\_\_\_\_\_\_\_s
   22. Spread throughout country in 35 years
4. Muskrat  
   Ondatra zibethicus
   1. Nation’s leading \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (leg-hold, conibear trap)
   2. Polygamous
   3. “Musk”: smell/glands “rat”: rat-like features
   4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   5. 2-4 litters/yr
   6. Cat-tails are it’s favorite food
   7. Aquatic rodents
   8. Can be aggressive and nasty, esp. when on land
   9. Order = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   10. Family = Muridae
   11. Facts:
   12. Musk-strong smell, rat=rodent
   13. Resemble \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   14. Have been known to eat mainly plants, but get some animal protein (also some \_\_\_\_\_\_\_\_\_\_\_\_\_\_)
   15. Build lodges
   16. Mink are predators of the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   17. Can live 12 months-5 years
5. Skunk  
   Mephitis mephitis
   1. Striped, spotted, hooded, hog-nosed
   2. Can spray \_\_\_\_\_\_\_\_\_\_\_, 6-shooter
   3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (walk on soles of feet)
   4. Opportunistic omnivores
   5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   6. nocturnal
   7. Preyed upon by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   8. Spray = mercaptan, Sulfuric Acid
      1. DOES NOT WORK: Tomato Juice, vinegar
      2. Effective mix: 1qt Hydrogen peroxide, ¼ cup Baking soda, 1 tsp liquid detergent
   9. Order = Carnivora Family = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   10. Facts:
   11. Skunks molt in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   12. Top speed 10 mph
   13. Large scent glands under skin beside \_\_\_\_\_\_\_\_\_\_\_\_
   14. Have nozzle ducts that spray out through anus
   15. Can shoot up to 12 feet
   16. Will eat \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   17. Females have a \_\_\_\_\_\_\_\_\_day estrus period
   18. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ day gestation (bearing 2-10 young)
   19. Predator: great horned owl (lacks sense of smell)
6. Opossum  
   Didelphis virginiana
   1. North America’s only \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. Naked, \_\_\_\_\_\_\_\_\_\_\_\_\_ tail (do not hang from it to sleep)
   3. “Thumb” on rear foot
   4. 90 million years old
   5. “\_\_\_\_\_\_\_\_\_\_\_\_\_\_” brain
   6. Catatonic shock (playing ‘possum)
   7. Shortest gestation (\_\_\_\_\_\_\_days)
   8. More teeth than any other NA mammal (\_\_\_\_\_)
   9. Order = Didelphimorphia
   10. Family = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   11. Facts:
   12. Can also \_\_\_\_\_\_\_\_\_\_
   13. Opportunistic omnivore
   14. Do not dig burrows, but will occupy abandoned burrows
   15. Gestation (one of the shortest) \_\_\_\_\_\_\_\_\_\_\_\_\_\_ days
   16. Young climb upward to mothers pouch
   17. Pouch is lined with \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   18. Nipple enlarge when young attach to help baby stay attached
   19. PA is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and they can sometimes lose tails and ears to frostbite
7. Weasels
   * 1. Mustelid family (with skunks, otters, minks, etc.)
     2. Long, slim bodies with short legs and 5 clawed toes on each foot
     3. Long necks, small heads, low ears
     4. Good hunters – like to eat \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
     5. Fast metabolism – must eat a lot
     6. Some change from brown to white in winter
8. Long-tailed Weasel  
   Mustela frenata
9. Most common PA weasel
10. Long, slender bodies, triangular heads
11. May turn \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in winter
12. Carnivores, bite the back of the neck
13. High metabolism, must eat often
14. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
15. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
16. Order - Carnivora Family - Mustelidae
17. Ermine = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
    1. Adults \_\_\_\_\_\_\_\_\_\_\_\_\_\_ inches in length, including a 1.6 to 3.2-inch tail; males are larger and heavier than females.
    2. The ermine’s bushy tail is shorter than that of the long-tailed weasel.
    3. \_\_\_\_\_\_\_\_\_than long tail
    4. Prey: small terrestrial mammals, bats, hares, rabbits, birds and their eggs, frogs, snakes, earthworms, insects and carrion; smaller victims are eaten whole
18. Least Weasel
    1. The least weasel is the world’s \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
    2. Just as aggressive as their larger cousins
    3. Only weigh \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
    4. Must eat \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of their body weight/day
    5. Solitary
    6. Breed and reproduce all year
    7. \_\_\_\_\_\_\_day gestation period



1. Porcupine
   1. PA’s \_\_\_\_\_\_\_\_\_\_\_\_largest rodent
   2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ quills (shed, barbed, cannot “throw”
   3. Seeks salt (Na) to flush out K
   4. Slow moving (\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)
   5. Arboreal
   6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   7. Herbivore
   8. Preyed upon by \_\_\_\_\_\_\_\_\_\_\_\_\_\_
   9. Mating ritual
   10. K-selective
   11. Order = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   12. Family = Erethizontidae
   13. Facts:
   14. Young porcupines are called-\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Pup)
   15. They cannot shoot their quills
   16. They have \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ teeth
   17. Gestation period is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ days
   18. Pups nurse for \_\_\_\_\_\_ days
   19. Make dens
   20. Preyed upon by foxes, coyotes, bobcats, dogs, owls
   21. Lifespan=\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ years