

- Family Titanotheriidae -- titanotheres (Eocene-Oligocene)
- Family Chalicotheriidae -- *Moropus* (Miocene)
- Order Artiodactyla (even-toed ungulates)
  - Suborder Suina (piglike forms)
    - Family Suidae -- pigs, wart hog, peccary
    - Family Hippopotamidae -- hippopotamus, pygmy hippo
    - Family Entelodontidae (giant hogs) -- *Archaeotherium* (Oligocene), *Dinohyus* (Miocene)
  - Suborder Protoselenodontia (Primitive ruminants)
  - Suborder Tylopoda -- *Oxydactylus* (giraffe-camel, Miocene), *Camelus* (camels), *Auchenia* (llama)
  - Suborder Pecora (ruminants)
    - Family Tragulidae -- *Tragulus*, *Synthetoceras* (Pliocene), water deer
    - Family Cervidae -- Megaceros (Pleistocene "Irish elk"), red deer, American "elk," Virginia deer, roe deer, moose, reindeer, caribou
    - Family Giraffidae -- giraffe, akapi
    - Family Antilocapridae -- prongbuck
    - Family Bovidae -- cattle, bison, sheep, goats, musk ox, and many other genera of antelopes
- Order Hyracoidea -- conies
- Order Proboscidea (elephant group)
  - Family Moeritheriidae (archaic proboscidiens) -- *Moeritherium* (Eocene-Oligocene)
  - Family Mastodontidae -- *Phiomia* (primitive mastodon, Oligocene) *Trilophodon* (Miocene), *Mastodon* (Pleistocene)
  - Family Elephantiidae (mammoth and elephants) -- *Mammonteus* (woolly mammoth), *Elephas* (Asiatic elephant), *Loxodonta* (African elephant)
- Order Sirenia (sea cow) -- dugong, manatee
- Order Notoungulata (major group of extinct South American ungulates) --  
*Protyotherium*, *Astrapotherium*, *Nesodon* (Miocene), *Toxodon* (Pleistocene)
- Order Litopterna (extinct South American ungulates)
- Order Pyrotheria (extinct South American parallels to elephants)
- Order Rodentia (rodents, gnawing animals)
  - Suborder Simplicitentata (with one pair of upper "chisels")
    - Infraorder Sciuromorpha -- mountain beaver, squirrels, chipmunk., ground squirrels, prairie dog, woodchuck, beaver, giant beaver, pocket gopher, kangaroo rats
    - Infraorder Myomorpha -- *Mus* (house mouse), *Rattus* (house rats), etc.
    - Infraorder Hystricomorpha -- guinea pig, chinchilla, American porcupine, Old World porcupine, Brazilian porcupine, tree porcupine, capybara
- Order Lagomorpha Duplicidentata (gnawing animals with an extra pair of upper "chisels")  
-- hares, common rabbit, cottontail
- Order Chiroptera (bats)
  - Suborder Microchiroptera (ordinary bats) -- common bats, vampire bat
  - Suborder Megachiroptera (fruit bats or "flying foxes")
- Order Cetacea (whales)
  - Suborder Archaeoceti (extinct archaic whales) -- *Zeuglodon* (Eocene)