



# Vertebrate Evolution

## Mammal

- **Kingdom: Animalia**
- **Phylum: Chordata**
- **Subphylum: Vertebrata**
- **Clade: Synapsida**
- **Class: Mammalia**

Synapsida, a clade that contains mammals and their extinct relatives, originated during the Pennsylvanian subperiod (~323 million to ~300 million years ago), when they split from the reptile lineage. Crown group mammals evolved from earlier mammaliaforms during the Early Jurassic. The first mammals appeared in the Late Triassic epoch (about 225 million years ago), 40 million years after the first therapsids.