

Reptiles

- 4 lineages: turtles, lizards / snakes, birds, alligators / crocodiles
- Ectotherms (outside - heated)
- Breathe air through lungs
- Lay amniotic eggs
- Birds (pterosaurs, birds, bats) are endotherms (internal heating)

Embryo Development

Viviparous species

- Embryo in female's body
- Gives birth
- Includes most mammals

Ovoviviparous species

- Eggs in female's body during early development
- Growing embryos nourished by yolk sac not mother
- Gives birth
- Includes insects, fish, reptiles

Oviparous species

- Lays eggs outside
- Embryos nourished by yolk sac
- Vast majority of species

*3 lineages of mammals: pouch-bearing marsupials, egg-laying monotremes, placental (eutherians)