


# Paleogene and Neogene




**Paleogene and Neogene**

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K/T Boundary 66 Ma

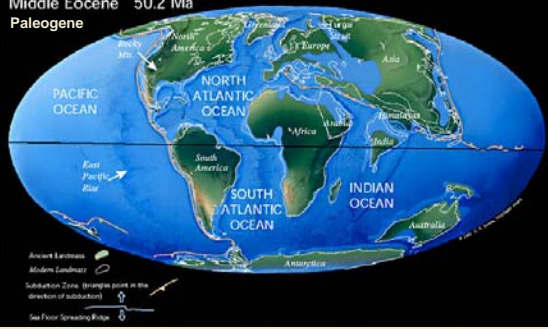


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Middle Eocene 50.2 Ma  
Paleogene




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Middle Miocene 14 Ma  
Neogene




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Modern World

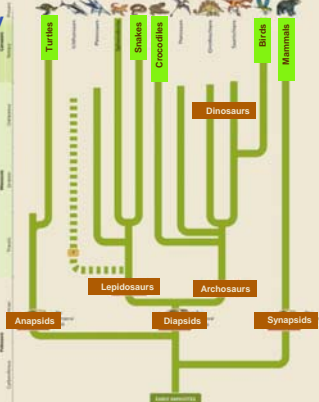


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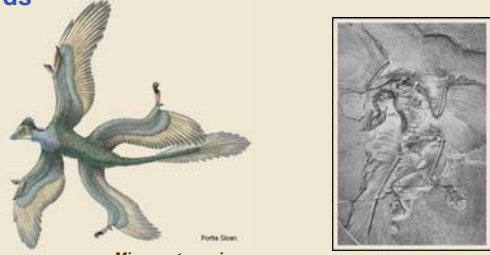
Amniote phylogeny (Fig 27.29)



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# Paleogene and Neogene

### Birds



*Microraptor gui*  
Figure 34-13

*Archaeopteryx*

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### Feather structure

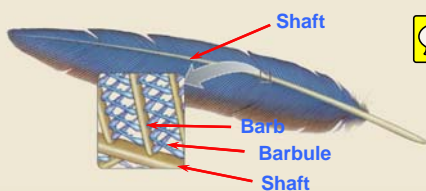


Figure 27.41d

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### Flight adaptations skeleton

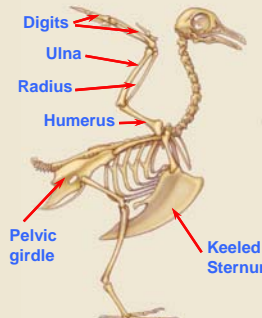


Figure 27.41

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### Flight adaptations skeleton

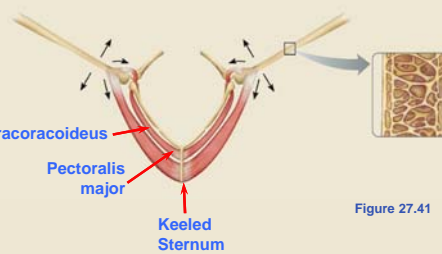


Figure 27.41

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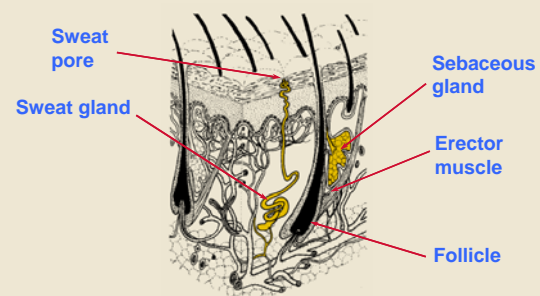
### Parental care



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### Mammalian integument






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# Paleogene and Neogene

## Mammal jaws

**Omnivore**  **Herbivore** 

 **Carnivore**




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## Mammalian reproduction

- Oviparous
  - Monotremes
- Viviparous
  - Marsupials
  - Eutherians

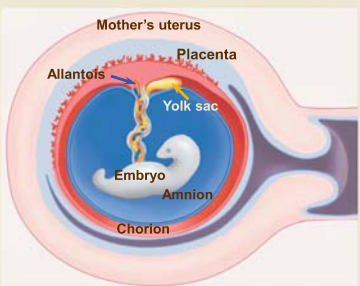


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## Placental mammals



Mother's uterus

Allantois

Placenta

Yolk sac

Embryo

Amnion

Chorion

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## Parental care



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