

## 2 Animals I. Vertebrates

1. Why are many vertebrates, such as the elephant, whale and hippopotamus, of great size?
2. How do fish reproduce?
3. How do sharks move? What is the function of their fins?
4. Describe the bodies of a larva, a tadpole and an adult frog.
5. What are the differences between a larva and a fetus?
6. One of the most spectacular fossils is that of the Archaeopteryx, which is thought to be the evolutionary link between reptiles and birds. Look for information about this species and describe the characteristics that place it between both groups of vertebrates.



7. Look for information about the structure of bird feathers and label their parts.



- 8.** Look at the ostrich's beak. What do you think this animal eats?



- 9.** Sometimes we say that a person who doesn't eat much "eats like a bird". Do you think this is a fair comparison?

- 10.** The duck-billed platypus is an Australian animal belonging to the mammals. How does it resemble a mammal? How is it different?



- 11.** What do you think is the greatest evolutionary success of birds and mammals compared to other vertebrates?

- 12.** How have birds developed their anatomy in order to reduce their weight and adapt their bodies to flight? Why do birds migrate?