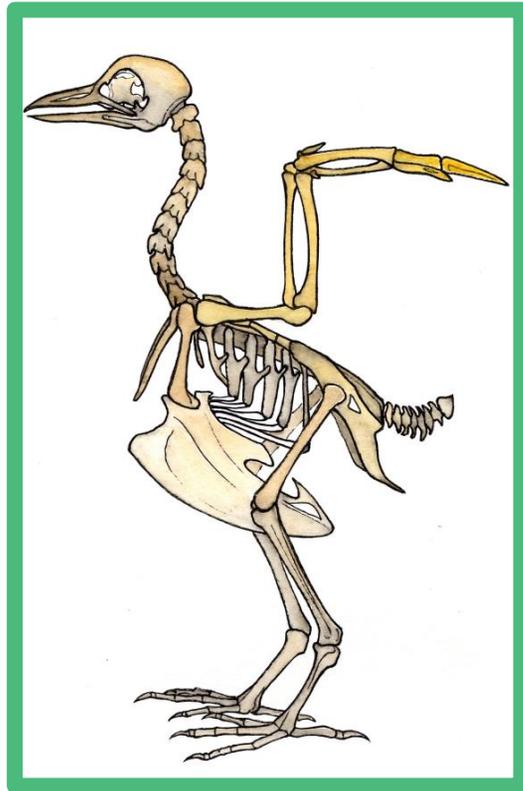




Science

## Birds are Vertebrates



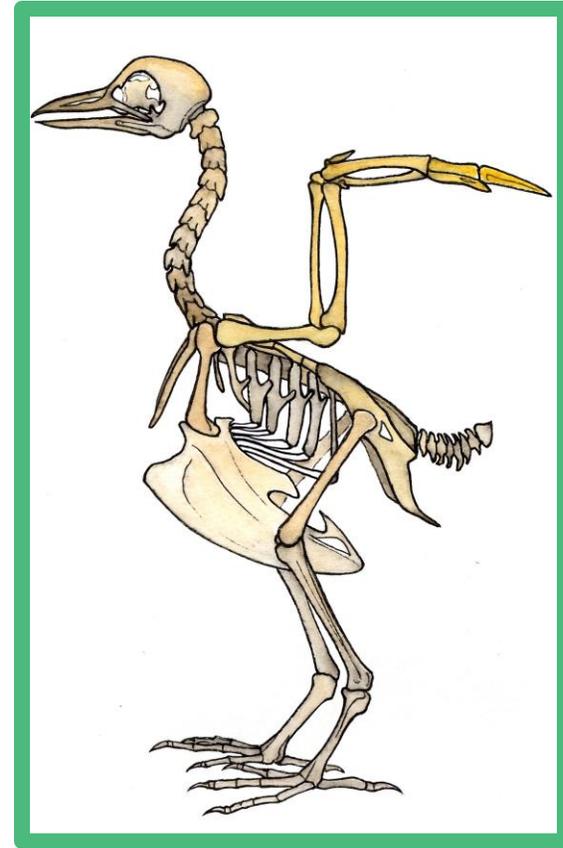
By Janet Giel-Romo, Ed.D.



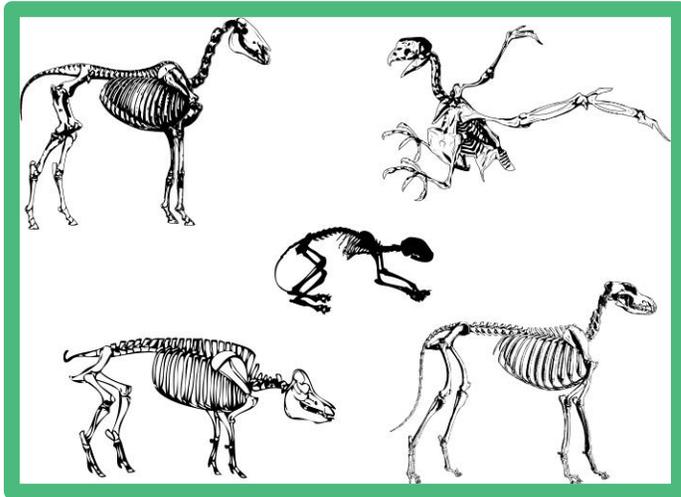
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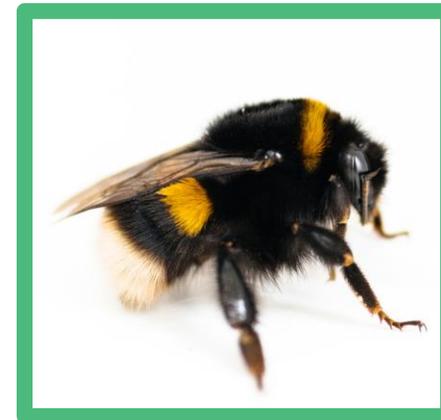
All birds have **bones**. What are bones? Do you have bones?



Bones make a **skeleton**. This is a skeleton of a bird. Do you have a skeleton? Who else does?



Animals with a skeleton are called **vertebrates**. Can you think of any vertebrates?



Worms and insects do not have a skeleton. They are **not vertebrates**. Do insects have bones?



This is a **cardinal**. It is a bird.  
It is a vertebrate. All birds are  
vertebrates.



This is an **insect**. It does not  
have bones. Is it a vertebrate?  
No, it is not.



This is an **eagle**. It is a bird.  
Is it a vertebrate? Have you  
seen an eagle? Where?



This is an **ostrich**. It is a big  
bird. It has big bones. Is it a  
vertebrate?



Birds have bones. All birds are vertebrates. What is a vertebrate?



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