

17. How are homologous structures such as forelimbs evidence for common descent?

**The bones are similar in structure and arrangement. Therefore, it is reasonable to assume they are descended from a common ancestral form**

18. How does the pattern of embryological development provide further evidence that organisms have descended from a common ancestor?

**The early developmental stages of many vertebrates look very similar. Therefore, it is reasonable to assume that vertebrates (animals with backbones) are descended from a common ancestor.**