GAS EXCHANGE COMPARATIVE ANATOMY

1. Discuss two limitations possessed by Earthworms compared to flatworms (planarians) and an adaptation in Earthworms to address this limitation.

2. Discuss a limitation of fish compared to land animals and an adaptation to address this limitation.

3. Discuss a limitation possess by amphibians compared to fish and land animals like reptiles and mammals. Describe the adaptation seen in reptiles and mammals that allows them to live away from water.

4. A. Discuss an inefficiency that is present in the gas exchange anatomies of reptiles and mammals.
   B.Discuss why it is especially necessary for birds to possess an adaptation to address this inefficiency.
   C. Discuss the anatomy and mechanism of this adaptation and similarity of this adaptation to an adaptation seen in fish.

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