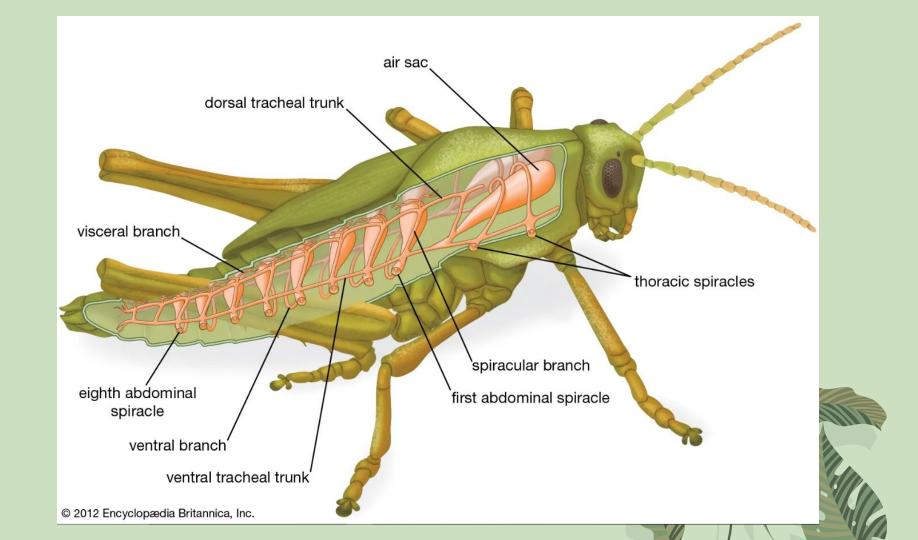
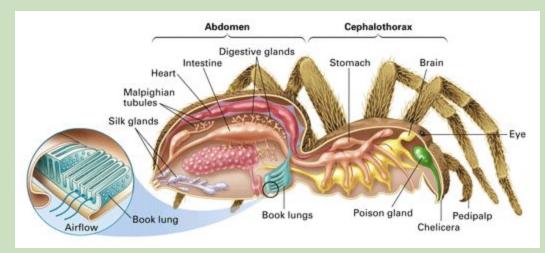
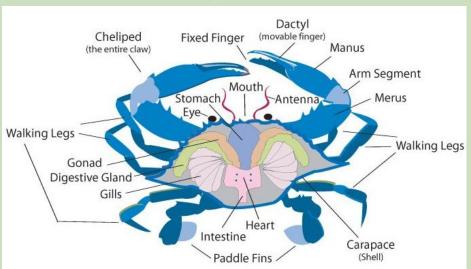


Respirationssystemet



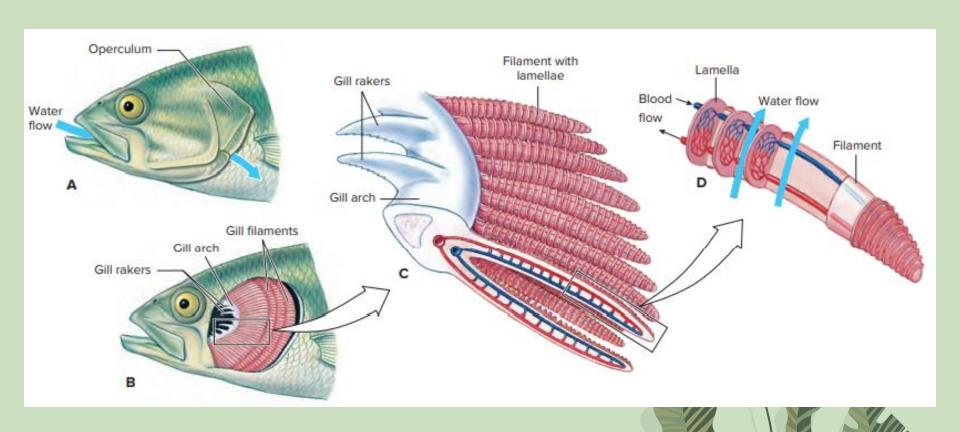


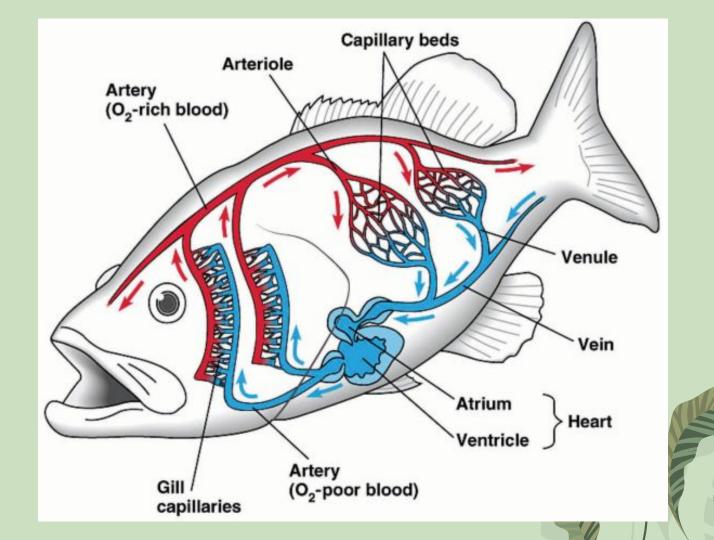


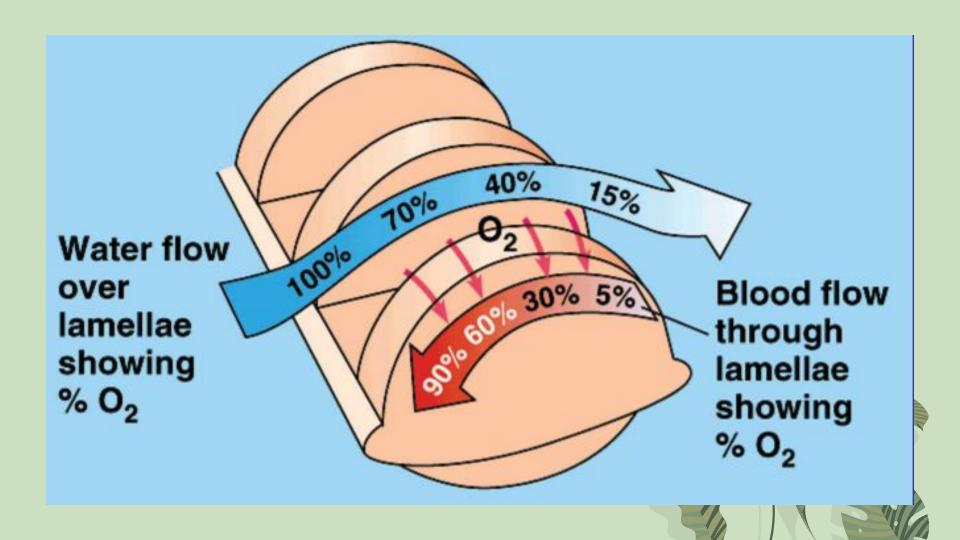


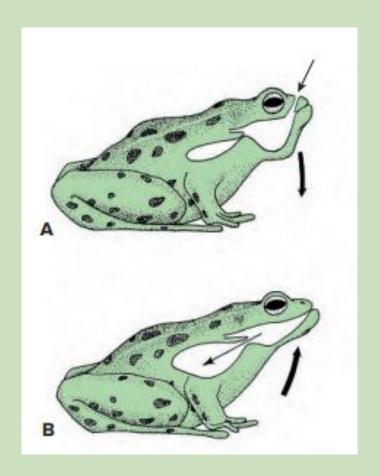


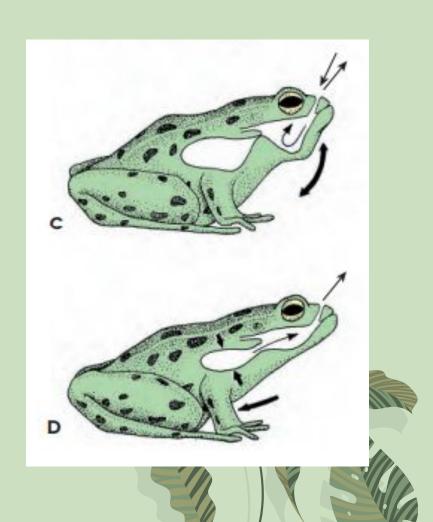
















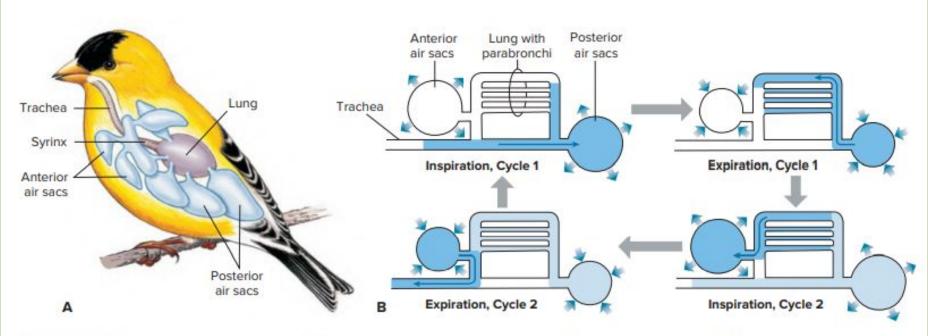
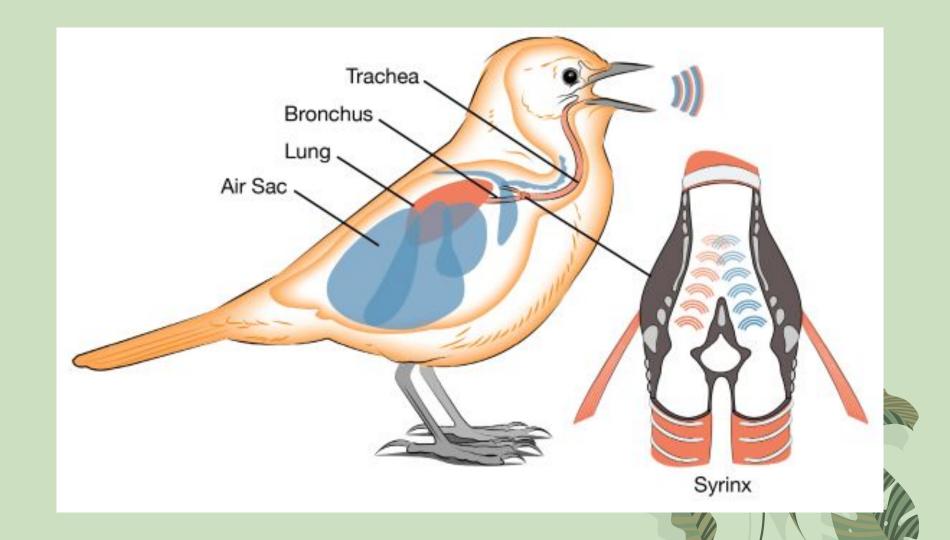
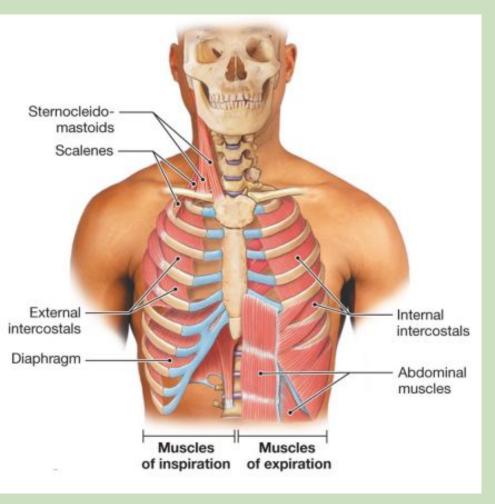


Figure 27.12 Respiratory system of a bird. A, Lung and air sacs. One side of the bilateral air sac system is shown. B, Movement of a single volume of air through a bird's respiratory system. Two full respiratory cycles are required to move air through the system. The first breath of air is shown in dark blue, while the second breath of air is shown in light blue. Note that air actually moves continually through the parabronchi, but we depict individual phases to make air flow easier to follow.





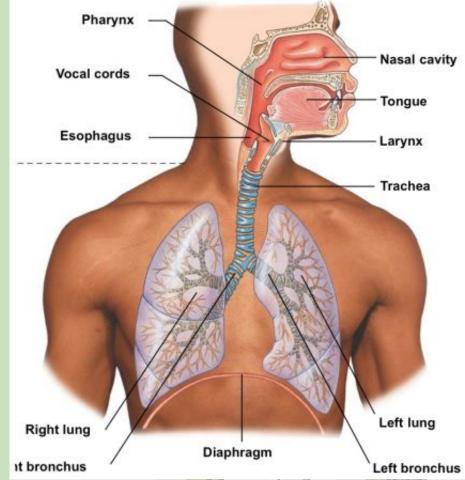
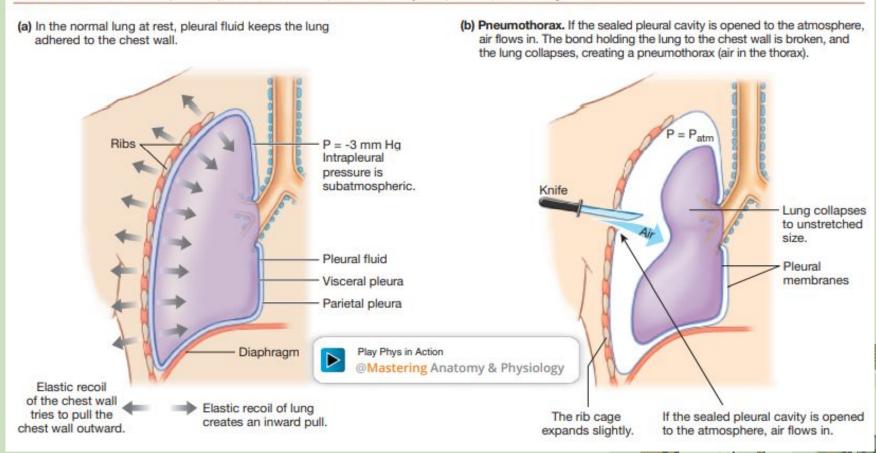
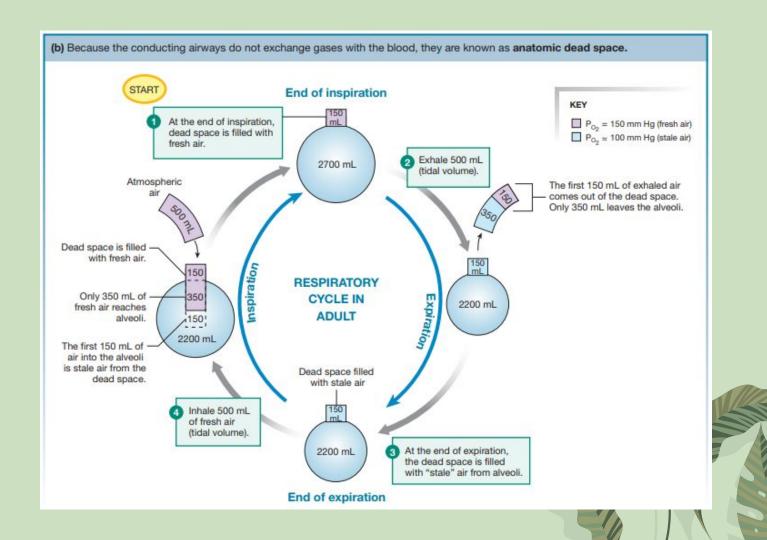
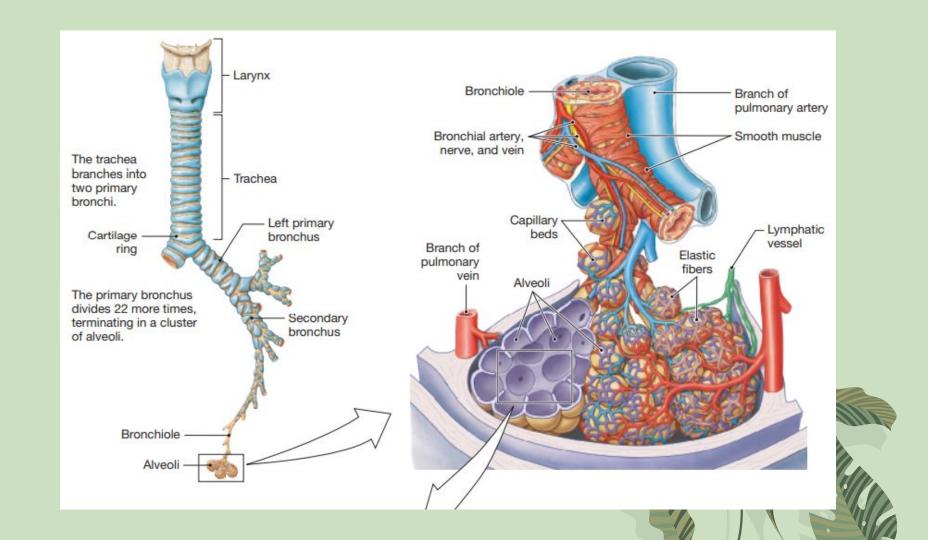


FIG. 17.10 Subatmospheric pressure in the pleural cavity helps keep the lungs inflated







The respiratory and circulatory systems coordinate the transfer of O₂ and CO₂ between the atmosphere and the cells.

