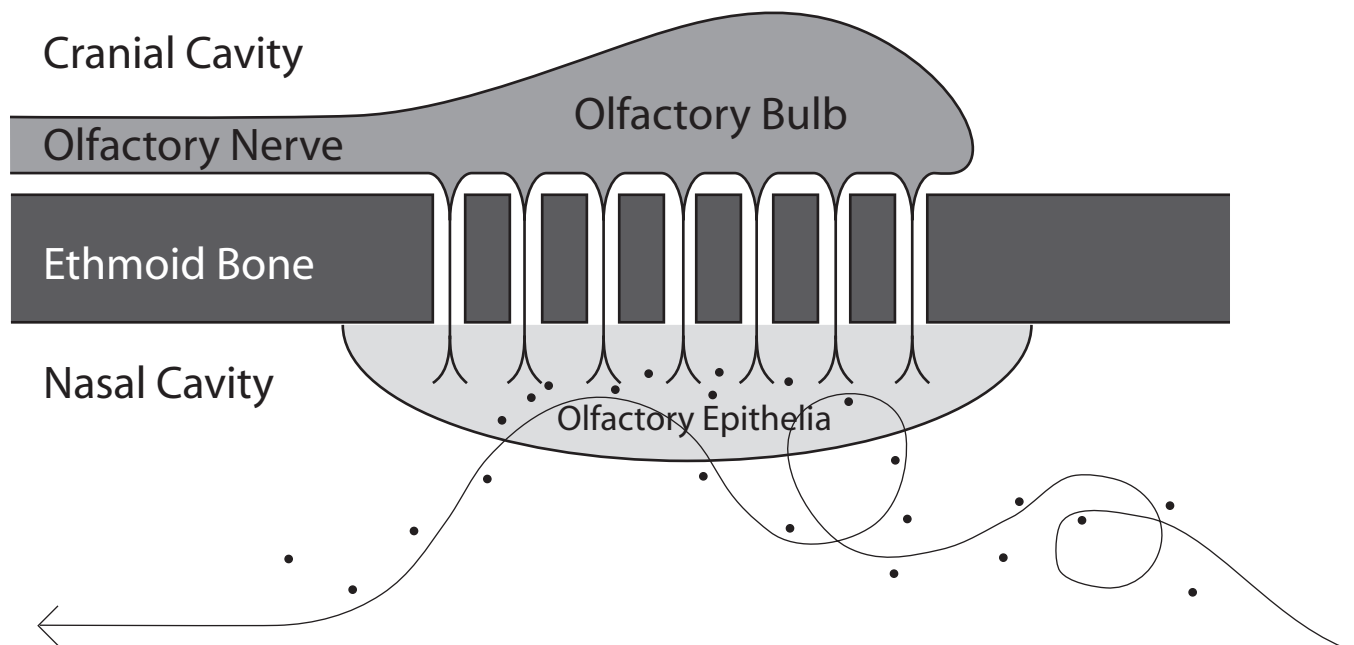


Olfactory Epithelia

In the illustration below, note the olfactory nerve coming from the brain and forming the olfactory bulb. The two olfactory bulbs rest over the cribriform plates of the ethmoid bone; and the cribriform plate will have olfactory foramina through which nerve processes will pass. In the nasal cavity, the processes will expose receptors for air borne chemical



substances that dissolve in the mucous of the olfactory epithelia. These nerve process will then depolarize and send impulses to the brain where the signal will be translated into a sense of smell.