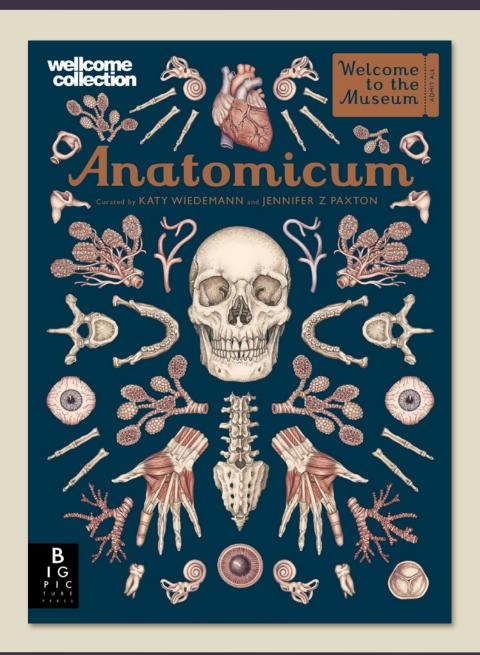
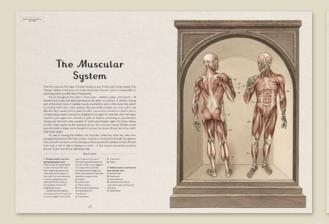
## **Anatomicum**

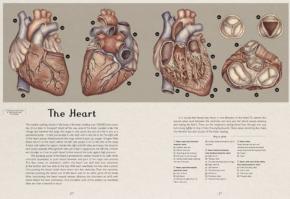


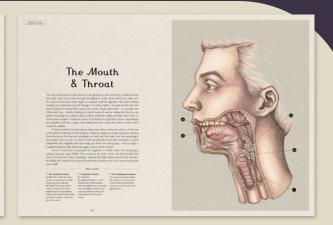
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## **Anatomicum**







## The Nose & Tongue

Our senses of smell and state can detect and recognise a staggering number of substances. For modern harms, these senses are most likely to where our appetities or to bring back distant memories, but they can also alert us to a potential danger, for example toxic chemistal or rotten follows on the year not usually considered essential. Yet many years ago, our senses were far more important for our survival. The repulsion created by diagning smells or testes helped to leep the body safe from life-th-testedning infections that could be found in faces (poor), dirty water or bacteria-ridden food, which would note have been daily encounters.

It is thought that the average human can detect several billion different odours. Street of size is most service at birth to high revolvens recognize their mother. Smell varie by bettering doour motoclase which float in the air around its When we breather, they enter the nostrils and pass into the nasal casity — a large space belief the external now. The roof of the mast casity contain millions of recognize role is that detect odours and transfer the 'smell' into an electrical impulse. This signal travels to the train via a connection called the oblicatory nerve.

Although our sense of smell is said to be 10,000 times more powerful than our sense of taste, the two are closely linked, and food tastes different if our ability to smell is impaired. This is something you might have encountered before, especially if you've content table, much have a been cold for here probed your possible desired food.

eatin while you have a heavy cold or have pinched your nose while chewing food. Trousands of state semon sine found on the top surface of the tongue, on little bumps called pupilse. More commonly known as taste buds these special sensors detect chemicals in the food we eat and send messages to the brain For many years, there were known to be from basic flactures of flood that we can detect sweet, sour, sally and bitter floor recently, a fifth state category has been proposed, called unerst, meaning shourcy in the ligatures changuage.

I: Nose	-
(a) External none Mostly made of	W
cartiage, the external noce is where	
odour molecules will enter the next	
cavity through the noctris (ii).	0
b) Nasal cavity This space mode the	- 7
skul is home to the offsctory nerves	

Reg to plate

(ii) – the nerves that detect occur
molecules and transmit the sensory
impulse towards the brain.

2: Tengue
The tengue sits in the oral cavity
and is made up of several muscles.

surface of the tongue, on lettle bulk, these grocal sensors, to the brain For many years, at we can detect, sweet, sour, been proposed, called unarmi, been proposed, called unarmi, which is the sensor of the sens



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