

ities. In the front view, A is the aorta, the largest and most important artery of the body. The same letter, in the back, view represents the same blood-vessel, but descending, to supply the trunk of the body and lower extremities. Both in the front and back view, B represents the right auricle of the heart; C the left auricle; D the right ventricle; and E the left ventricle. The branches from the sides, especially in the front view of the heart, represent vessels going to permeate the lungs.

The heart is the noblest organ of animal life, its substance is of muscular flesh, for the heart is a muscle of various orders of fibres, by which means it is capable of contraction and dilatation. In the heart are two large cavities called Ventricles, the right and left; above each of these is an Auricle or little ear; In the right Auricle opens the Vena Cava, and the Vena Pulmonalis in the left. The Arteria Pulmonalis arises from the right ventricle of the heart, and the Aorta or great artery from the left ventricle. In the dilatation of the right Auricle the blood rushes in from the Vena Cava, which, by its contraction, is thrust into the right ventricle, which, by its contraction, drives it into the Pulmonary Artery, by which it is circulated through the Lungs, and then returned by the Pulmonary Vein into the left Auricle, and from thence into the left Ventricle, which, by its contraction, forces it into the trunk of the Aorta, which carries it to all parts of the body; from whence it is returned by the veins to the right Auricle. And thus by an alternate dilatation and contraction (called the Diastole and Systole) of the Auricles and Ventricles of the heart, the circulation of the blood is effected, which is the proper function of the heart.

BOTANY OR PHYTOLOGY.

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WORMWOOD.—There are three wormwoods familiar to us. The Sea Wormwood hath so many names, as Seriphian, Santonicon, Belgicum, Narbonese, Xantomicum, Misnense and many more. The seed of this wormwood is that which women usually give their children for worms, yet it is of a weaker