

## LIST OF STRUCTURES TO IDENTIFY FOR BRAIN LAB

### **Major sulci/fissures**

longitudinal (sagittal, interhemispheric) fissure  
central sulcus (fissure of Rolando)  
lateral sulcus (Sylvian fissure)

### **Gyri**

precentral sulcus/gyrus  
superior, middle and inferior temporal gyri  
postcentral sulcus/gyrus

### **supramarginal and angular gyri**

superior, middle and inferior frontal gyri  
superior and inferior parietal gyri

### **pars orbitalis, triangularis and opercularis**

transverse gyri of Heschl

### **Specific (Brodmann) areas**

primary motor cortex  
primary visual cortex  
primary somatosensory cortex  
Broca's area  
primary auditory cortex  
Wernicke's area

### **Ventral surface**

optic nerve, optic chiasm, optic tract  
crus cerebri (basis pedunculi)  
mammillary bodies  
tuber cinereum (location of pituitary stalk)  
uncus,

### **parahippocampal gyrus**

pons  
middle cerebellar peduncle  
medulla  
pyramids  
pyramidal decussation (not visible on all specimens)  
spinal cord (not present in all specimens)  
olive (inferior olivary nucleus)  
anterior median fissure (medulla and spinal cord)

cingulate gyrus  
anterior commissure

### **parieto-occipital sulcus**

posterior commissure  
calcarine sulcus,  
calcarine cortex (the lingual gyrus, inferior to the sulcus, and the cuneus, superior to the sulcus)  
cerebral aqueduct (of Sylvius)  
corpus callosum

pons, medulla, and cerebellum  
septum pellucidum (if intact; if missing, lateral  
ventricle),  
interventricular foramen (of Monro)  
tectum,  
superior and inferior colliculi  
thalamus  
tegmentum (of midbrain and pons)  
hypothalamic sulcus  
fourth ventricle  
lamina terminalis  
choroid plexus  
hypothalamus  
vermis (of cerebellum)  
fornix  
tonsil (of cerebellum)  
third ventricle