

Contents

General arrangement and evolution	1
Neuroglia and neurons	3
Components of the nervous system	11
The spinal meninges	13
The medulla spinalis or spinal cord	13
The cerebral meninges	19
The brain	26
General appearance and divisions	26
Structures derived from hind- and mid-brains	
The medulla oblongata	29
The pons	33
The midbrain	36
The cerebellum	42
The fourth ventricle	44
Structures derived from forebrain	
The cerebral hemispheres	46
The rhinencephalon	63
The diencephalon	67
The third ventricle	73
The optic chiasma and tracts	74
The corpus striatum	76
The lateral ventricles	78
The white matter of the cerebral hemispheres	80
The chief nerve tracts	
Efferent or motor	83
Afferent or sensory	88
Cerebellar	91
The autonomic nervous system	93
The blood supply of the brain and cord	103
The development of the nervous system	108
Practical neuroanatomy	119
Selected references	128
Index	130