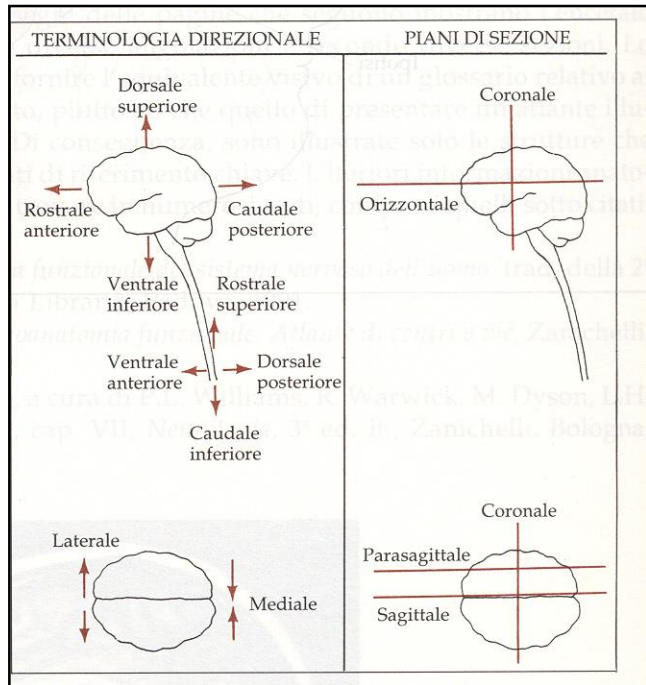


Da: Randall et al.,  
Fisiologia Animale,  
II ed., Zanichelli 1999.



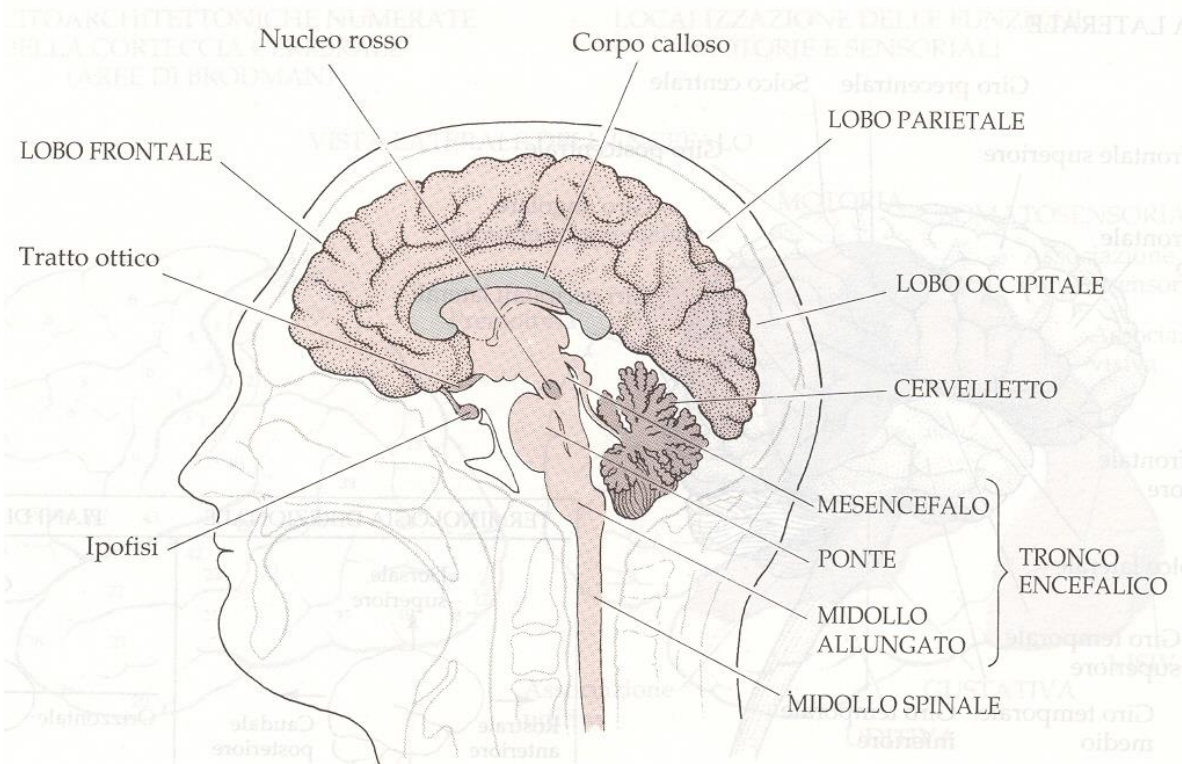
**MIDOLLO SPINALE: SPINAL CORD**

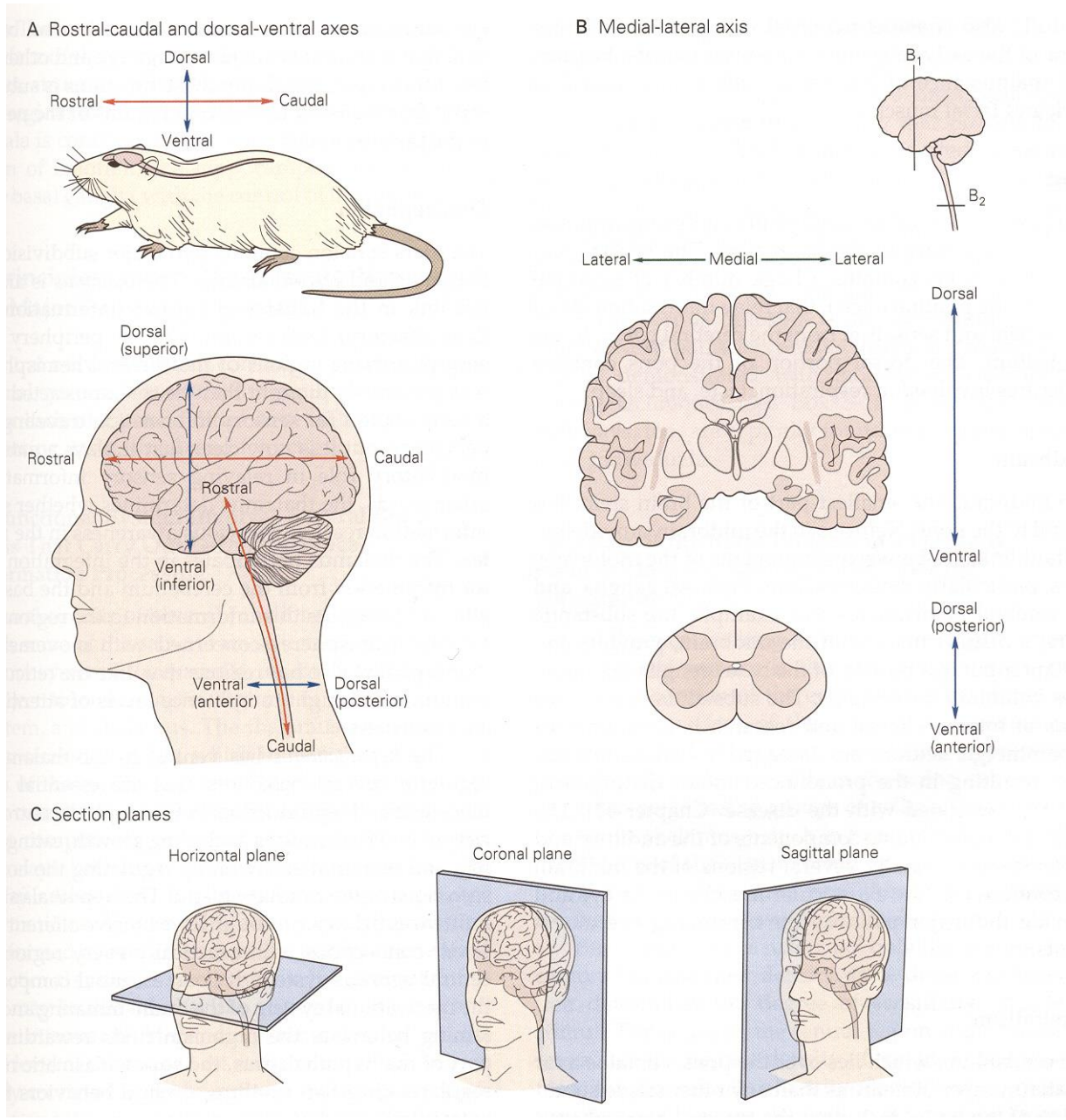
**MIDOLLO ALLUNGATO: MEDULLA**

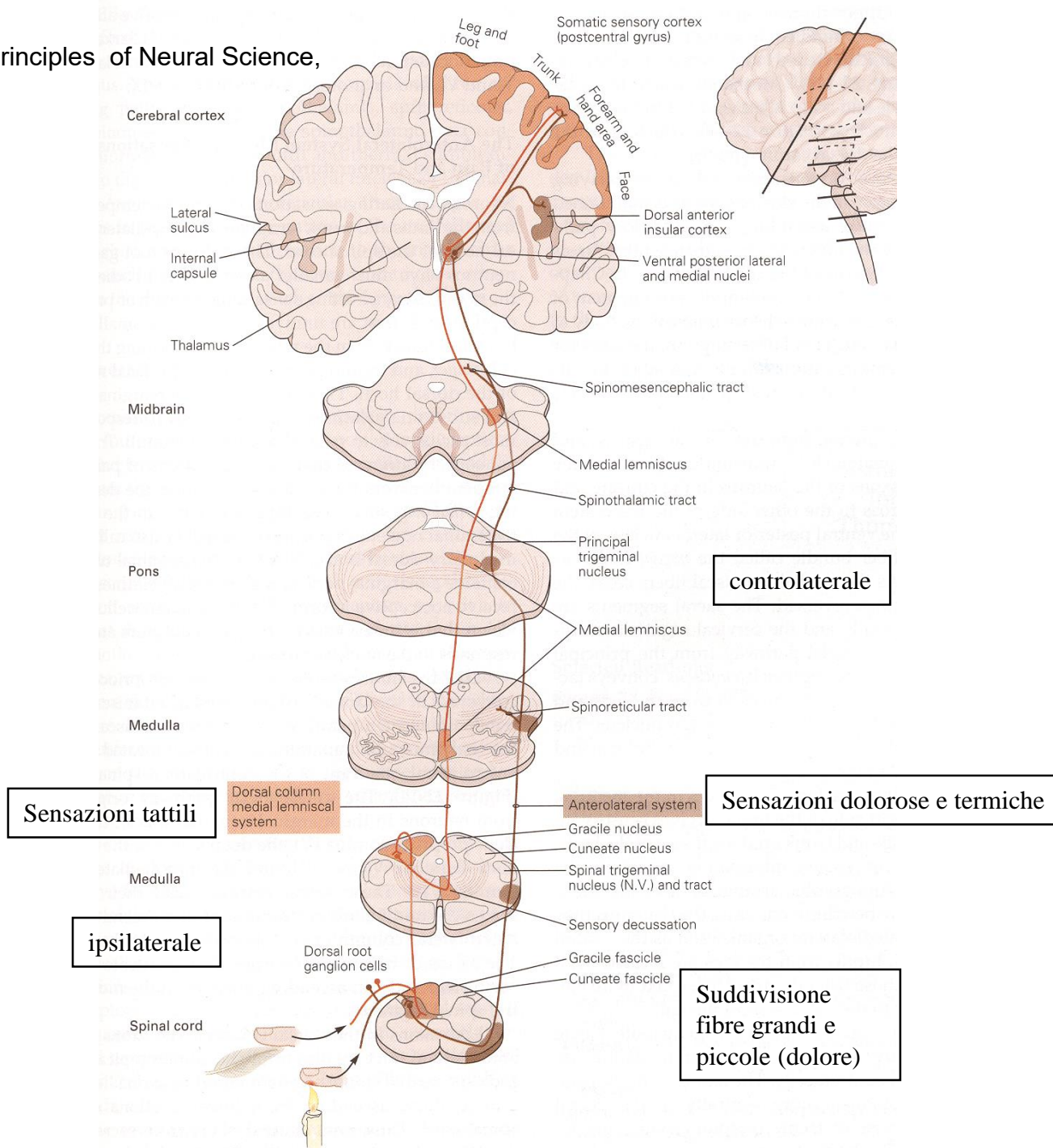
**TRONCO ENCEFALICO o TRONCO CEREBRALE: BRAIN STEM**

**CERVELLETO: CEREBELLUM**

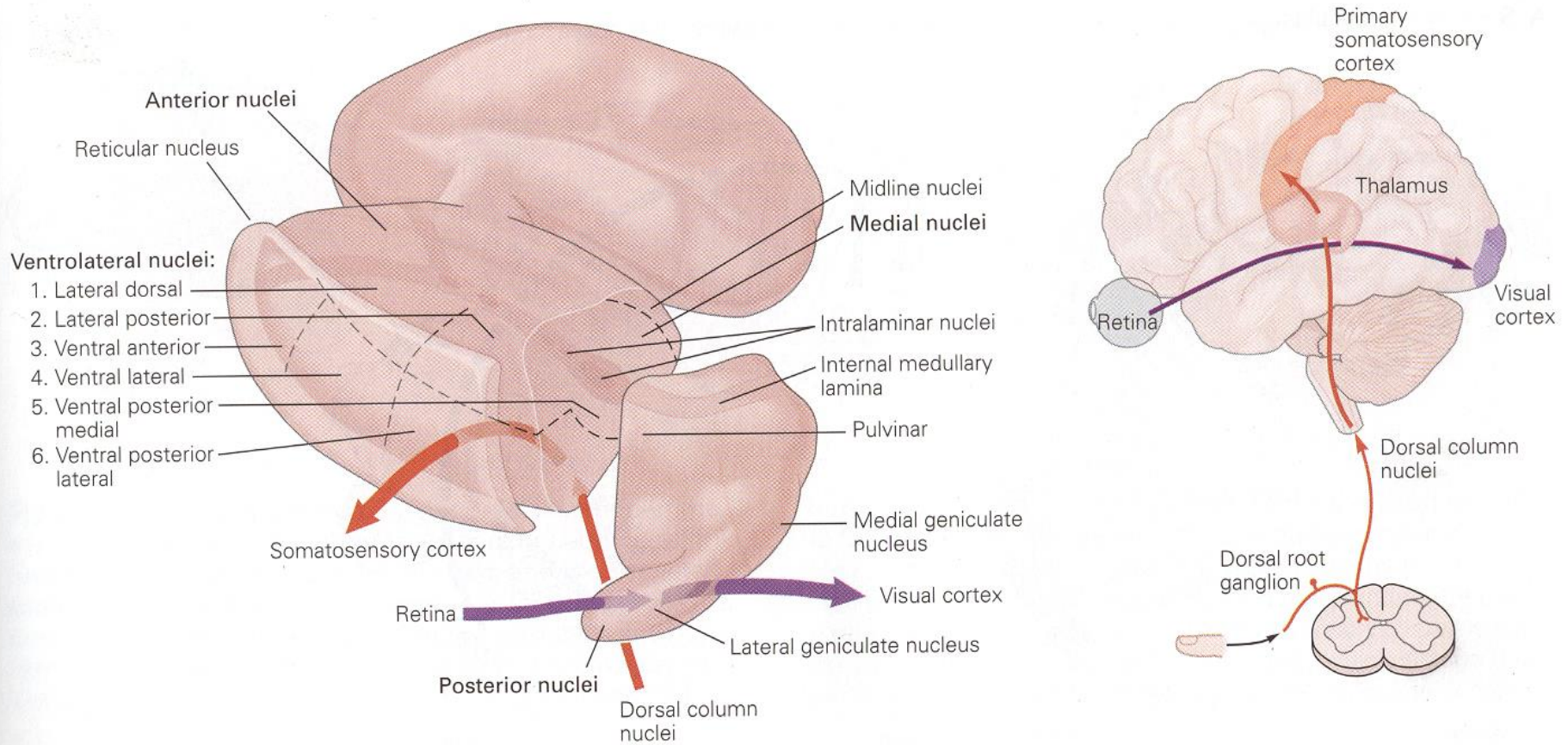
Da: Dai Neuroni al Cervello, I edizione, Zanichelli, 1997.







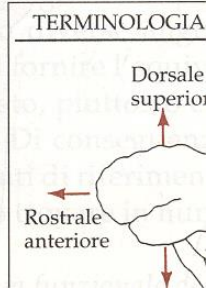
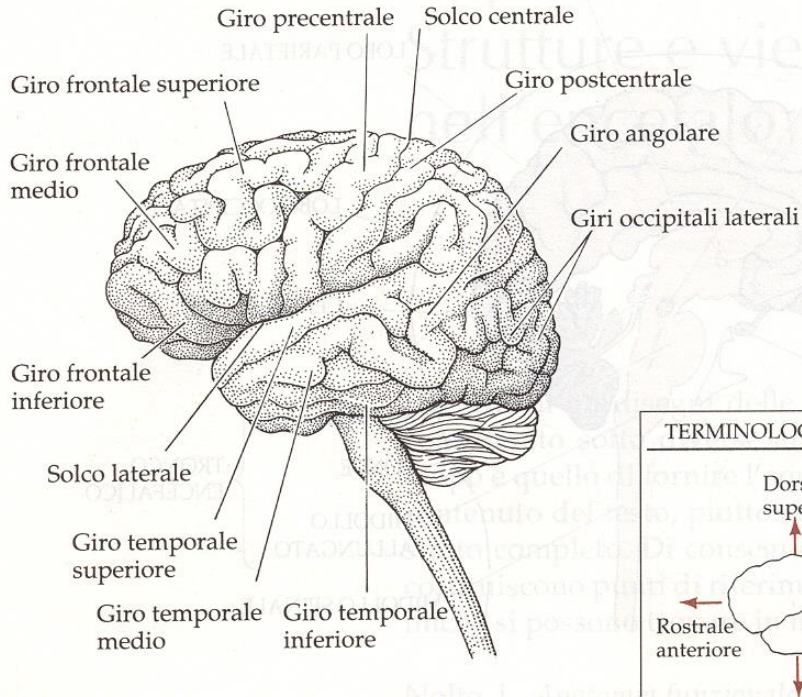
Da: Kandel et al., Principles of Neural Science, IV ed., McGraw-Hill



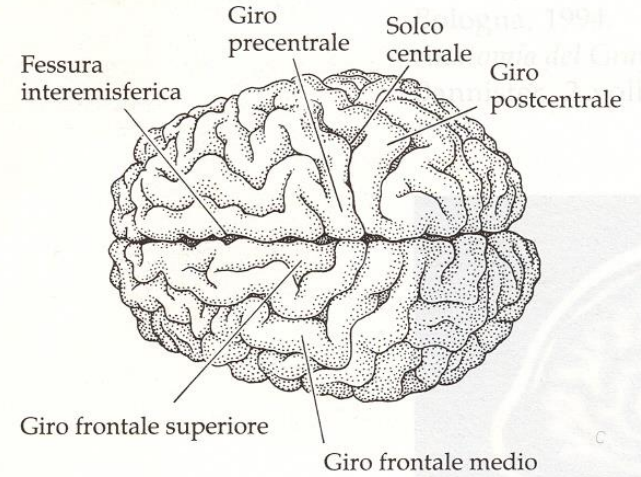
**Figure 18-5** The major subdivisions of the thalamus. The thalamus is the critical relay for the flow of sensory information to the neocortex. Somatosensory information from the dorsal root ganglia reaches the ventral posterior lateral nucleus, which relays it to the primary somatosensory cortex. Visual informa-

tion from the retina reaches the lateral geniculate nucleus, which conveys it to the primary visual cortex in the occipital lobe. Each of the sensory systems, except olfaction, has a similar processing step within a distinct region of the thalamus.

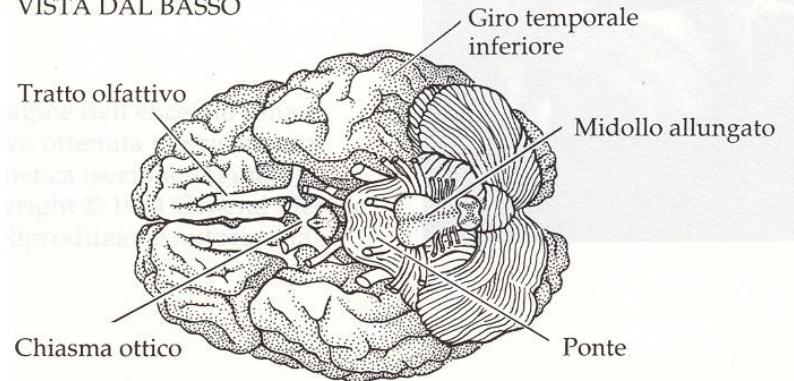
VISTA LATERALE



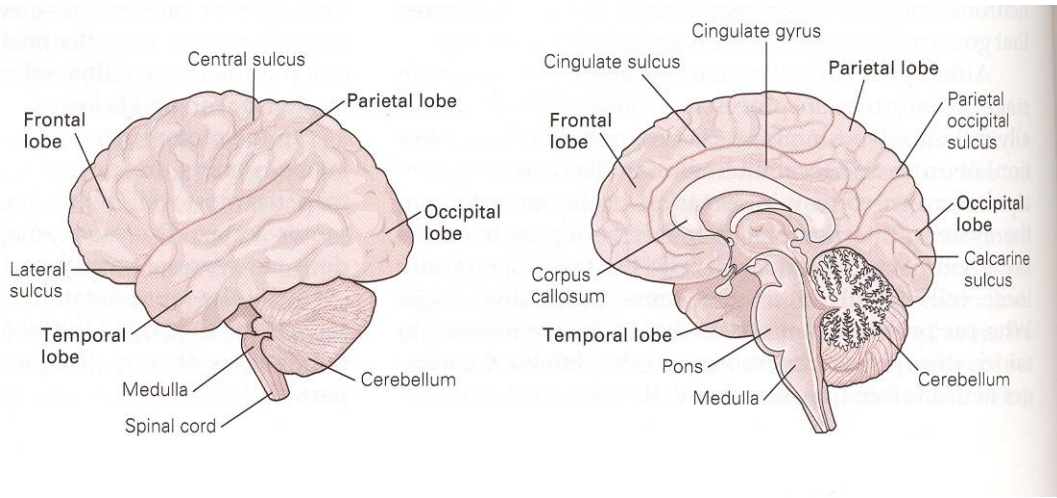
VISTA DALL'ALTO



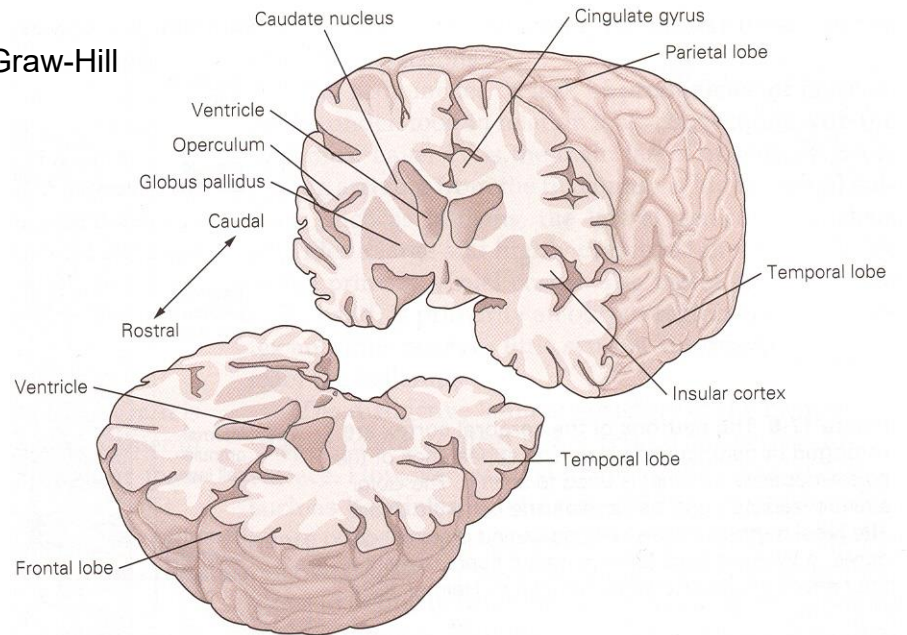
VISTA DAL BASSO

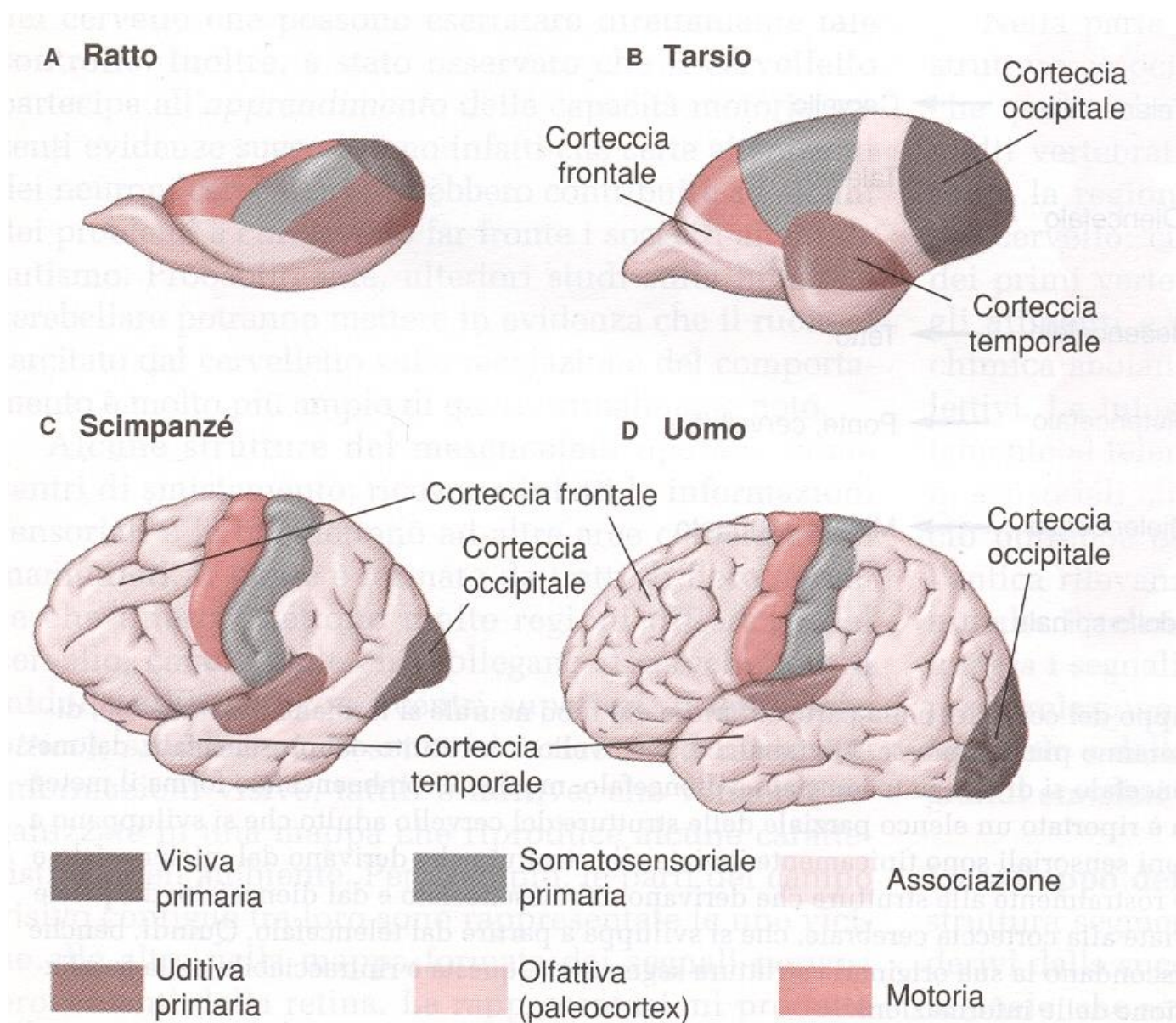


Da: Dai Neuroni al Cervello, I edizione, Zanichelli, 1997.

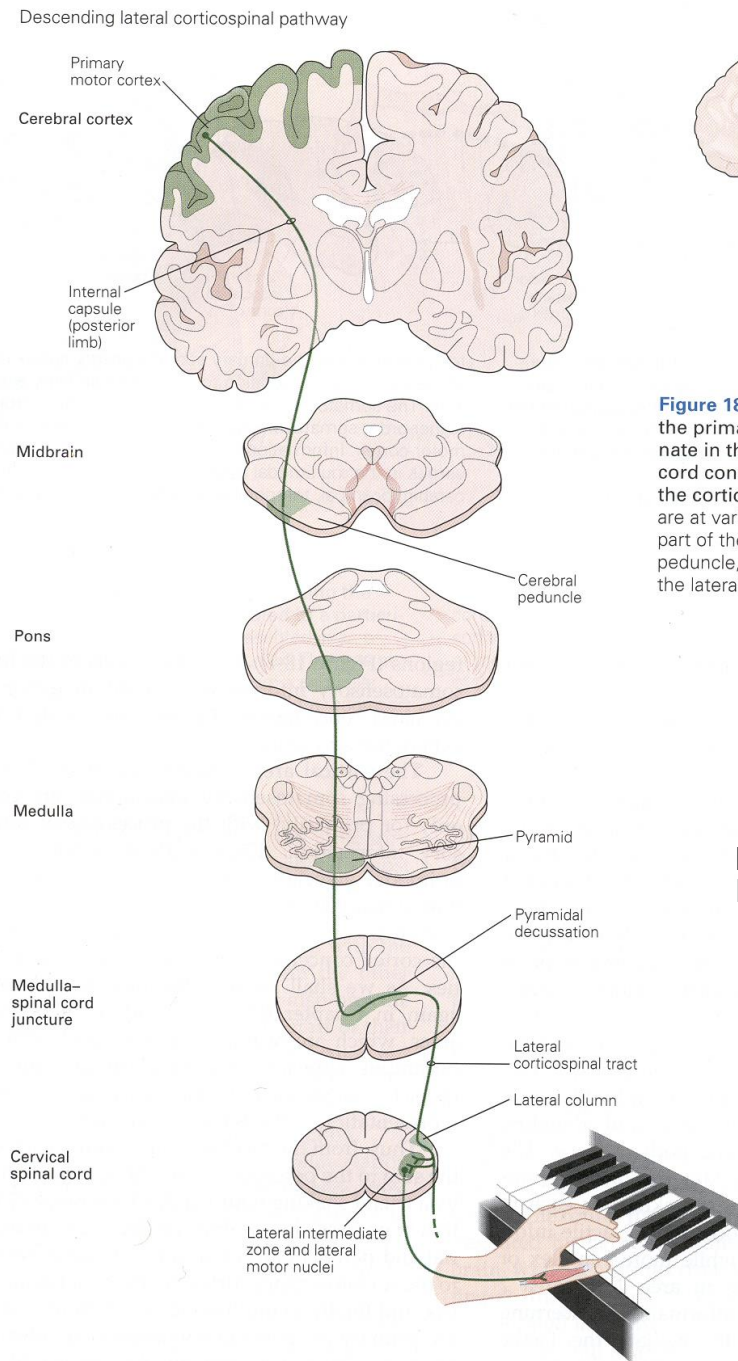


Da: Kandel et al., Principles of Neural Science, IV ed., McGraw-Hill





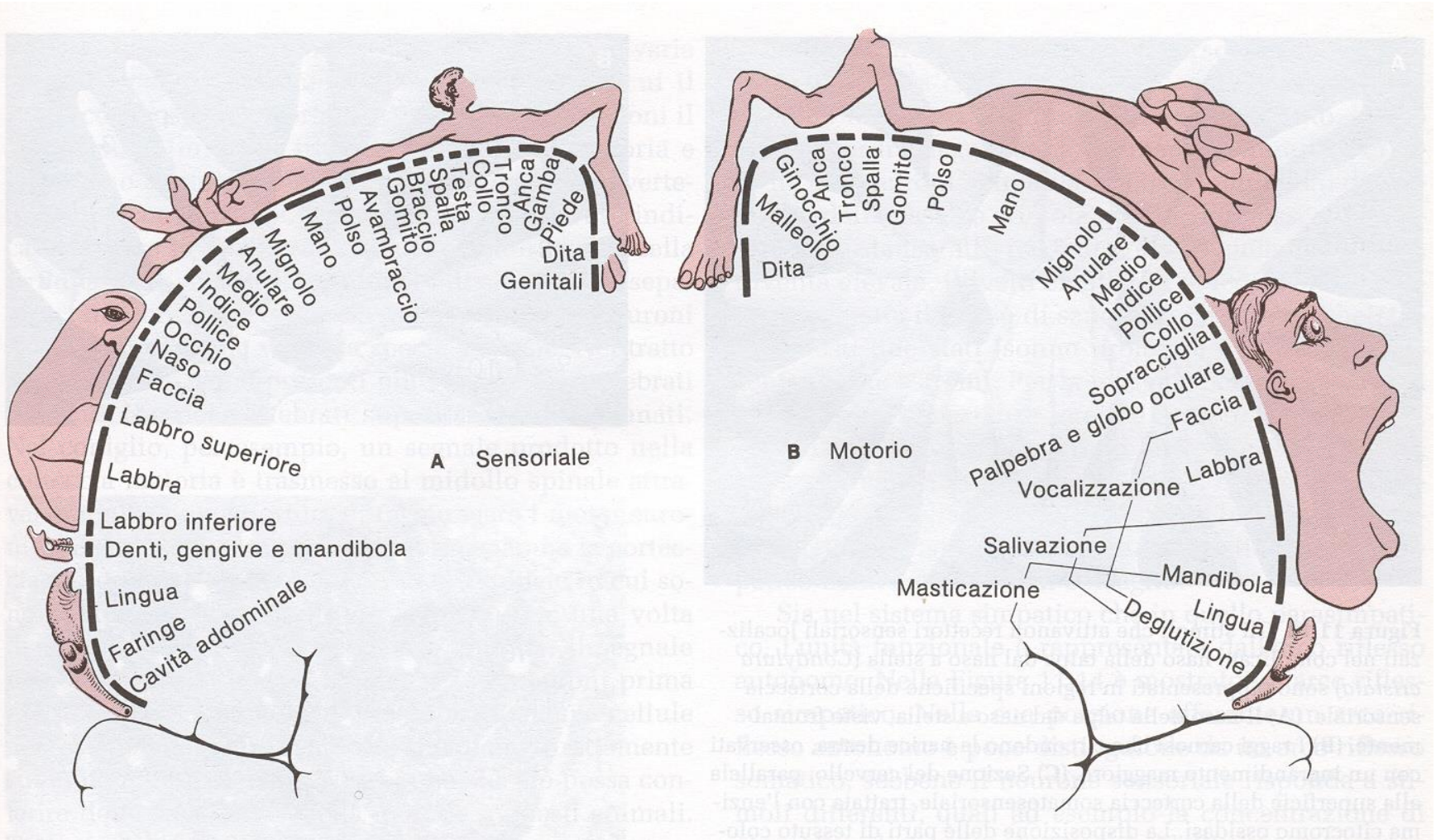




**Figure 18-8** Fibers that originate in the primary motor cortex and terminate in the ventral horn of the spinal cord constitute a significant part of the corticospinal tract. The same axons are at various points in their projection part of the internal capsule, the cerebral peduncle, the medullary pyramid, and the lateral corticospinal tract.

Da: Kandel et al., Principles of Neural Science, IV ed., McGraw-Hill

Da: Randall et al., Fisiologia Animale, II ed., Zanichelli 1999.



**Figure 19-1** The association cortices occupy large areas on the exposed surfaces of the brain. The lateral surface of the human brain shows the regions of the primary sensory and motor cortices, the higher-order motor and sensory cortices, and the three association cortices.

