

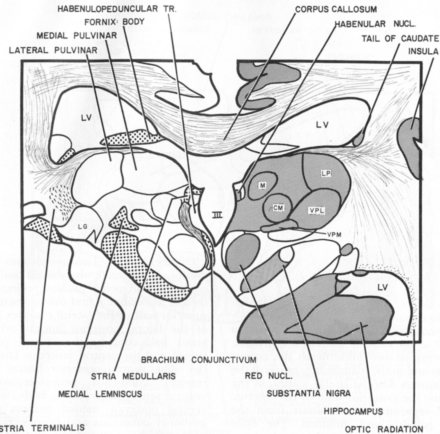
This section contains the lateral and third ventricles, the telencephalon, and the diencephalon.

Telencephalon. Same as in previous section.

Diencephalon. The lateral geniculate nucleus is conspicuous on the left side; the tertiary axons of the optic system synapse here. In the third ventricle, the habenular nuclei are seen protruding into the ventricle and the habenulopeduncular tract is seen connecting the habenula to the interpedunc-

ular nucleus; note, this tract passes medial to the red nucleus. The conspicuous central medial nucleus near the ventricular surface is the thalamic site for the termination of fibers from the limbic-midbrain nuclei. The pulvinar and the most posterior portion of the ventral posterior medial nucleus are present. This nucleus receives the trigeminal and gustatory fibers.

Tracts. The cerebral peduncles are conspicuous on the inferior surface of the diencephalon; internal to the peduncles are the substantia nigra and red nucleus.



STRIA TERMINALIS

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