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A Stereotaxic Atlas of the Brain of the Chick (*Gallus domesticus*)

Wayne J. Kuenzel

University of Arkansas, Fayetteville, wkuenzel@uark.edu

Manju Masson

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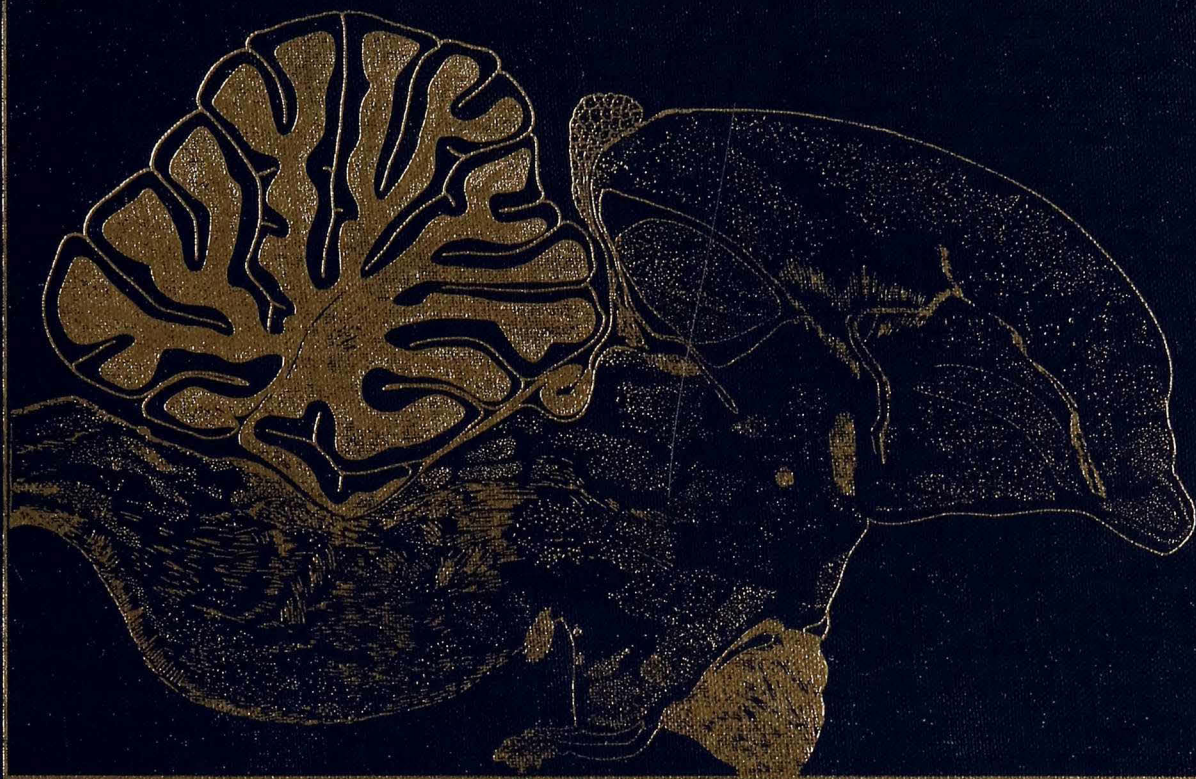
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the Brain of the Chick
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WAYNE J. KUENZEL and MANJU MASSON



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OF THE BRAIN OF THE CHICK**
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A Stereotaxic Atlas of the Brain of the Chick *(Gallus domesticus)*

WAYNE J. KUENZEL AND MANJU MASSON
Department of Poultry Science
University of Maryland, College Park

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To my mentor and friend, Professor Ari van Tienhoven, Cornell University

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Over the past five years, several individuals were consulted and made very helpful suggestions. We are especially grateful to Professor Sabine Blähser, who critically reviewed the entire atlas and emphasized the importance of adhering to an international nomenclature. Others to whom we are indebted include Professors Ari van Tienhoven, Bill Hodos, Harvey Karten, Tony Reiner, Steve Brauth, and A. Oksche.

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**A STEREOTAXIC ATLAS
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Introduction

Atlases Available for Avian Species

Stereotaxic atlases of the brains of several different avian species are available to include the chicken, *Gallus domesticus* (van Tienhoven and Juhász, 1962; Yoshikawa, 1968; Feldman et al., 1973; Snapir et al., 1974; Youngren and Phillips, 1978); pigeon, *Columba livia* (Karten and Hodos, 1967); Mallard Duck, *Anas platyrhynchos* L. (Zweers, 1971); Japanese Quail, *Coturnix coturnix japonica* (Bayle, Ramade, and Oliver, 1974); canary, *Serinus canaria* (Stokes, Leonard, and Nottebohm, 1974); Barbary Dove, *Streptopelia risoria* (Vowles, Beazley, and Harwood, 1976); and goose, *Anser anser* (Felix and Kesar, 1982). Among the published atlases, the one of van Tienhoven and Juhász (1962) was the first comprehensive atlas and it remains as one of the most complete with respect to nuclei identified within the preoptic and hypothalamic areas. The atlas of Karten and Hodos (1967) was the first to provide sections through the entire brain. Both histological plates and drawings were included in two planes (coronal and sagittal), and it set the standard for stereotaxic atlases that followed. In particular, it included a convenient means of positioning the head of a bird in a stereotaxic instrument so that the horizontal axis of the brain was parallel to the horizontal axis of the stereotaxic instrument (Karten and Hodos, 1967). The technique included the use of a Revzin adaptor attached to a commercially available stereotaxic instrument. It readily positioned the bill of a pigeon 45° below its normal horizontal attitude when the pigeon is standing erect. The technique has worked well with the canary (Stokes et al., 1974) and it was likewise used for the development of the present atlas.

The Advantages of Two-Week-Old Chicks for Studies of Brain Structure, Development, and Behavior

The advantages of conducting studies on chicks two weeks of age are as follows:

1. The skull is ossified at this time and gives a stable support for positioning the head in a reproducible fashion in a stereotaxic instrument. Skull stability became the overriding reason for the choice of two-week-old chicks. The skull of a day-old chick was found to be quite fragile and difficult to align in a stereotaxic instrument for reproducible, accurate brain surgery. The skull of a one-week-old chick, although certainly sturdier than that of a day-old chick, did not provide nearly the stability of the ossified bone present in chicks at two weeks of age.

2. The brain of a two-week-old broiler chick is larger than that of an adult pigeon or a white rat, both of which are frequently used for investigations involving the central nervous system (CNS). Hence at this age, it provides the investigator with a biological preparation of the brain that is on a par with those two commonly used species in terms of the accuracy that can be attained in the stereotaxic location of a structure within the CNS.
3. The body weight of broiler chicks at two weeks of age is about 300 g. A chick with this amount of mass has enough body reserves to withstand any short-term loss of weight and rebound from postoperative effects such as aphagia or adipsia. For this reason, survival rate at this age from surgery is considerably greater than that of chicks at hatch or at one week of age.
4. The chick is considered a true homoiotherm at this age since it has passed the critical period in which body temperature is still labile. A constant body temperature of 41.0° C can be maintained in chicks two weeks old (Freeman, 1965).
5. The blood–brain barrier is thought to develop at three to four weeks of age in chicks (Waelsch, 1955; Lajtha, 1957). Investigators, using two-week-old chicks, can bypass this phenomenon prior to its development as well as test to what degree the barrier is formed at this age.
6. Reports in the literature claim that chicks can be maintained at a physiological age of about 10 days for many months using protein-, amino acid-, or energy-deficient diets just sufficient to fill maintenance requirements (McCance, 1960; Dickerson and McCance, 1960). Return to an unrestricted, nutritional diet restores growth and development to a normal rate with little subsequent effect on adult body size or egg production (McRoberts, 1965). Dietary manipulation may be a convenient means of maintaining chicks of the appropriate size for use with the brain atlas over prolonged periods of time. In addition, the atlas would allow one to test whether the brain likewise can be maintained indefinitely at a physiological age of 10 days.

Atlas Plates Included in the Text

The atlas includes 98 transverse plates at 0.2 mm intervals from the olfactory bulbs to the spinal cord. In addition, there are 25 horizontal and 16 sagittal plates. In contrast to other published atlases of the brain of the chicken, the cross-sectional plates more closely approximate those found in the pigeon and mammalian stereotaxic atlases. The main reason is that similar to the pigeon atlas (Karten and Hodos, 1967), the bill of the chick was positioned at a 45° angle below the horizontal plane of the stereotaxic instrument prior to blocking brain tissue for histology. The atlas is specifically designed for use with the Domestic Chick, *Callus domesticus* at two weeks of age.

METHODS

Types of Chicks Used for the Atlas

There are two types of chicks readily available that can be purchased for research purposes: broilers and Leghorns. Broiler chicks are derived from stock selected for rapid growth rate and efficient conversion of feed to meat. Leghorns

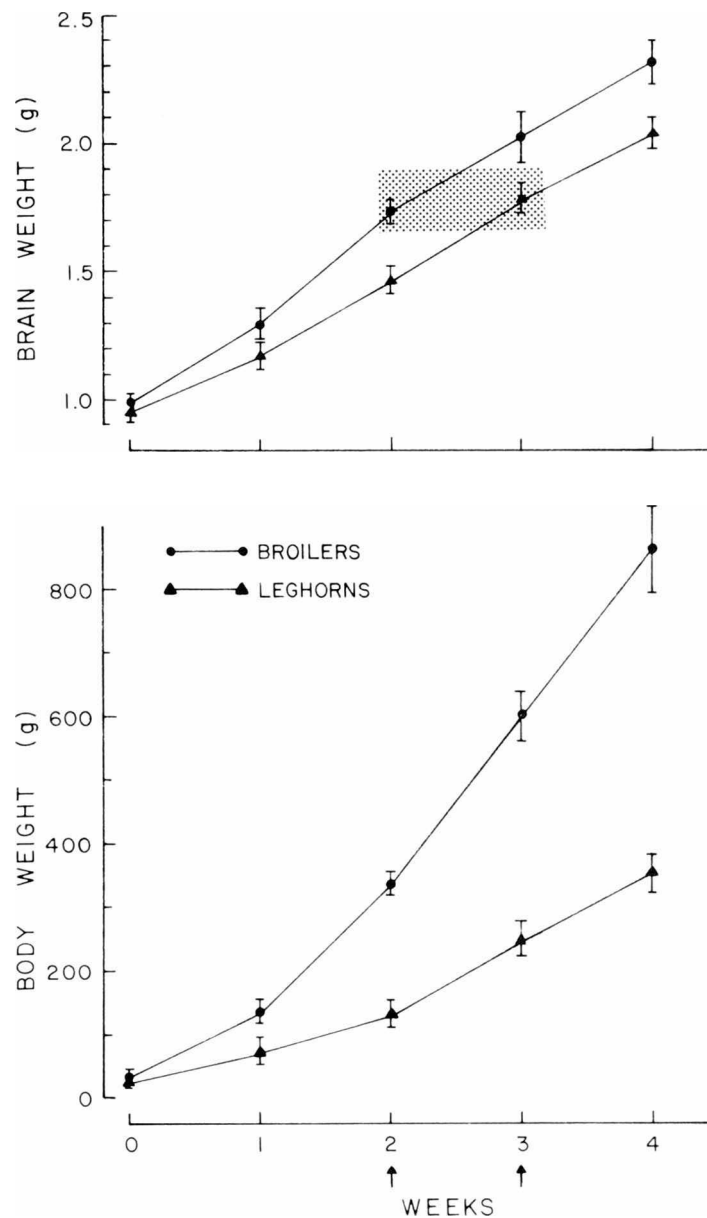


Figure 1. Brain weight and body weight of broiler and Leghorn chicks from day of hatch to four weeks of age; vertical lines mark 2 S.E.M. ($n = 7$ chicks/data point).

are derived from various commercial strains selected for egg production, and hence their growth rate is significantly less than that of broilers.

Figure 1 shows a typical growth curve (total body weight and brain weight) of male broiler and Leghorn chicks. Note that at hatching there is no significant difference in body weight or brain weight between the two types of chicks. At one week of age average broiler weight is double that of Leghorns and is roughly 2.5 to 3.0 times that of Leghorns from two through four weeks of age.

The atlas has been prepared using male broiler chicks two weeks of age. Broilers average 300 to 325 g body weight at this time and have an average brain weight of 1.75 g. If one wishes to use Leghorn chicks with this atlas, it is recommended that chicks of this type be three weeks of age. As can be seen from figure 1, brain weights of the two types are comparable between the two

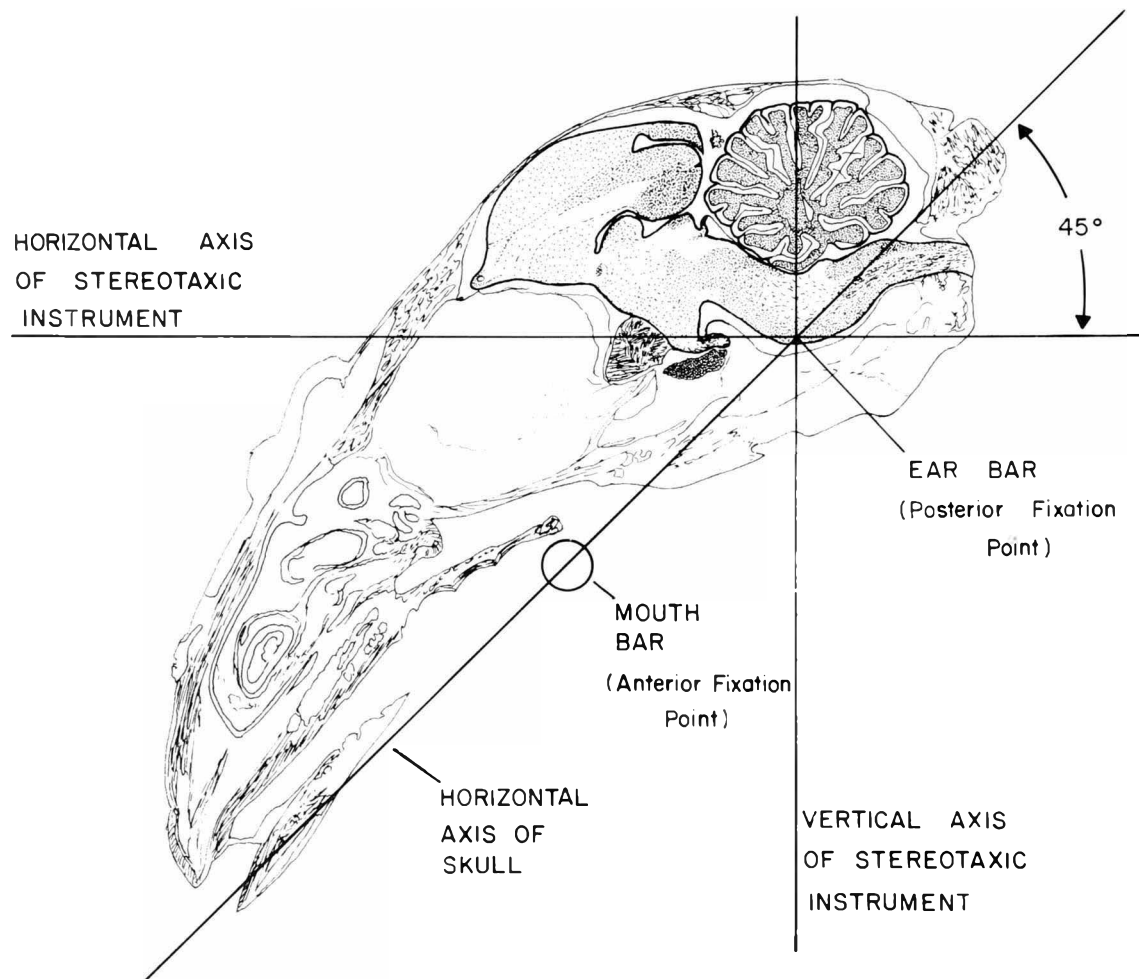


Figure 2. Orientation of the skull and brain of the chick with respect to the horizontal and vertical axes of the stereotaxic instrument.

age groups (see stippling, fig. 1). At three weeks of age, male Leghorn chicks average 225 to 250 g body weight and have a mean brain weight of 1.78 g.

The Orientation of Skull or Head of a Chick to Obtain Atlas Plane

Figure 2 is a schematic representation of the orientation of the skull to make the horizontal axis of the brain parallel to the horizontal axis of the stereotaxic instrument. Two fixation points (anterior and posterior) are required to stabilize the calvarium. The external auditory canals serve as the posterior fixation point. Modified small bird ear bars (altered from a tapered tip of 45° to 36°) are available by special order (Kopf Instruments, Tujunga, California) and provide a means of securing the posterior region of the skull. Fitting the ear bars properly within the canals is the most critical step. It is imperative that the ear bars are directed to the most *posterior* region of the auditory canals. A method found to help plant the ear bars properly is to first insert them loosely in both canals. Then, facing the head of the chick, place a forefinger of each hand at the posterior, ventral corner of the lower mandible and gently move the head forward and dorsally. This should ensure that the tips of the ear bars are in the posterior, ventral region of the auditory canals. Both ear bars should immediately be inserted more deeply into the canals; the distance between the tapered tips in a

two-week-old male broiler chick is 11.4 ± 0.45 mm ($\bar{x} \pm$ S.E.M; range 10 to 13 mm; $n = 17$).

The anterior fixation point is similar to that described for the pigeon, that is, the caudal, dorsal region of the buccal cavity. Two machined components are required to secure the bill: a pigeon adaptor and a 45° adaptor slide¹ (Kopf Instruments). The pigeon adaptor includes a bar and a beak clamp. The bar is placed in the chick's mouth and gently slid to the rear of the buccal cavity as far as possible *without forcing the corners of the mouth*. The clamp should then be lowered across the upper beak and secured to prevent movement of the upper mandible. Care must be taken to prevent excess pressure of the clamp from distorting the upper beak (see figures 3 and 4 for the type of clamp used).

A final check for proper alignment of the skull in the stereotaxic instrument can be ascertained after an incision of the skin of the head is made and the dorsal area of the calvarium is exposed. One can then look directly down on the skull to determine the position of the bregma (a fissure of the skull parallel to the ear bars formed by the fusion of the frontal and parietal bones) with respect to the ear bars. The bregma should always be anterior to the ear bars, as shown in figure 6B or 6D.

The Preparation of Chick Brains for Use in Developing a Brain Atlas

Nine brains taken from chicks two weeks of age were used for the development of this atlas. Each chick was first anesthetized with an intravenous (IV) injection of Chloropent² (1.8 ml/kg). Chicks were then perfused via the heart with 90 ml physiological saline followed by 90 ml Heidenhain's³ solution. Each head was then positioned in a stereotaxic instrument as described in the previous section and three stainless steel (SS) insect pins (#2) were implanted in each brain at known coordinates. In the case of the brains used to construct the cross-sectional atlas plates, two pins were implanted horizontal to the base of the stereotaxic instrument. Each was inserted into the forebrain and the pins exited either the brainstem or the cerebellum. The third pin was inserted vertical to the base of the stereotaxic instrument. The brains used to construct the sagittal atlas plates had two pins inserted horizontally and one pin inserted vertically to the stereotaxic instrument. The horizontal pins entered the right side of the brain and exited the left side. The brains used for the horizontal plates had two pins inserted vertically and one pin horizontally. The latter entered the forebrain and exited the brainstem.

After the reference pins were inserted into the brains, each brain (still within the skull) was placed in 10% buffered neutral formalin for a minimum of four days. At that time all brains were blocked as described by Karten and Hodos (1967). A #11 SS blade was inserted into an electrode carrier. Each head was properly oriented in a stereotaxic instrument and the three pins were removed. Rongeurs were then used to remove all bone along the dorsal regions of the skull

¹If one wishes to adapt a stereotaxic instrument that is secured to a base plate, e.g., a Model 900 small animal stereotaxic instrument (Kopf Instruments), for use with chicks, it will be necessary to have machined three pedestals to raise the "U" frame at least 12 cm above the steel base plate in order to accommodate the 45° slide.

²Each ml contains chloral hydrate, 42.5 mg; magnesium sulfate, 21.2 mg; pentobarbital, 8.86 mg; ethyl alcohol, 14.25%; propylene glycol, 33.8%.

³Heidenhain's solution (without mercuric chloride): formaldehyde (40%), 200 ml; glacial acetic acid, 40 ml; trichloroacetic acid, 20 g; sodium chloride, 5 g; distilled water, 800 ml.

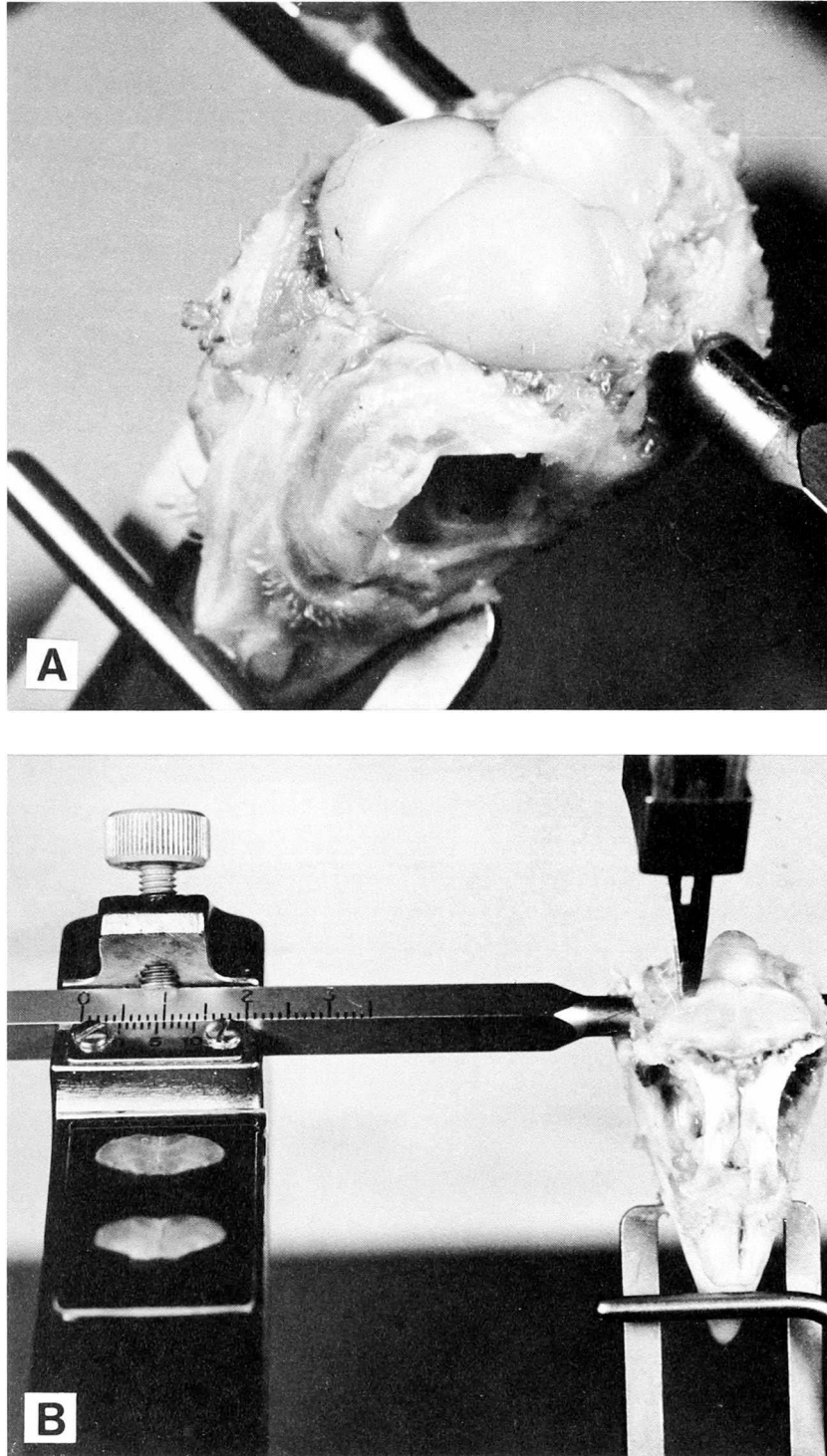


Figure 3. A. Head of a chick positioned in a stereotaxic instrument (SI) with the calvarium removed and the brain exposed.
B. A scalpel blade fitted in an electrode carrier to block the brain in a vertical plane with respect to the SI. The anterior half of the brain has been removed.

(fig. 3A). The SS blade was then used to sever each brain in half along a known coordinate and in the appropriate plane depending on which set of atlas plates were to be generated by a particular brain (fig. 3B). The two pieces of each brain were then carefully dissected from their respective skulls and placed in 30% sucrose-formalin until each piece sank to the bottom (approximately four days). Brains were then embedded in gelatin-albumin⁴ and hardened in a chamber with formaldehyde fumes generated from a 37 to 40% formaldehyde solution. Twenty-four hours later the embedded brain was immersed in 20% buffered formalin overnight, which further hardened the gelatin-albumin matrix. The blocked or cut end of each brain piece was then positioned down on top of a leveled ice pedestal of a sliding microtome.

A SLR 35 mm camera with a 50 mm macro lens was positioned directly above the stage of the sliding microtome (Reichert Scientific Instruments, New York). Brain sections were cut at 40 μ m. The unstained flat surface of the embedded brain was photographed every fifth section. A millimeter scale was included in each photograph. Each photographed section was magnified 15X and served as an undistorted outline for each stereotaxic plate. Every fifth and sixth sections were saved for staining with luxol fast blue and cresylecht violet (fifth section) and cresylecht violet (sixth section), respectively (Chroma-Gesellschaft Schmid and Company, distributed by Roboz Surgical Instrument Company, Washington, D.C.).

The stained sections of brain used for each stereotaxic plate were projected onto a surface using a Bausch and Lomb microprojector. They were magnified 15X and manipulated for best fit within each brain outline (obtained from photographs taken of the embedded brains as they were sectioned). All the major nuclei and fiber tracts were subsequently drawn in pencil and then traced in ink. The decision to draw in structures rather than photograph them was made in order to position structures in their estimated, correct location. It also allowed one to highlight certain nuclei and fiber tracts that would not have photographed well. It is hoped that the overall effect of each plate is to delineate clearly most of the known structures of the chick brain yet not overdo the contrast among structures in order to make them approximate what a photographed stained section would have looked like.

The Procedure for Adapting This Atlas to a Bird of Any Age or Size

It is clear that there will be occasions when broiler chicks other than two weeks of age (or Leghorn chicks three weeks of age) will be used for brain surgery. The following is a rapid procedure for obtaining accurate coordinates of a neural structure of a chick of any age or size.

1. Zero an electrode in a stereotaxic instrument (fig. 4A).
2. Correctly orient a fixed brain *in situ* (fig. 4B, refer to previous section "Orientation of Skull or Head of a Chick to Obtain Atlas Plane").
3. Insert a #11 SS blade in an electrode carrier and carefully cut macroslices (0.5 to 1.0 mm thick) of brain tissue (fig. 4B).
4. Remove each brain slice with a spatula and place on a microscopic slide (fig.

⁴A two-step procedure:

- (a) Powdered gelatin, 3 g; distilled water, 100 ml; heat until gelatin dissolves.
- (b) Purified albumin, 30 g; stir for about one hour until an even suspension has occurred.

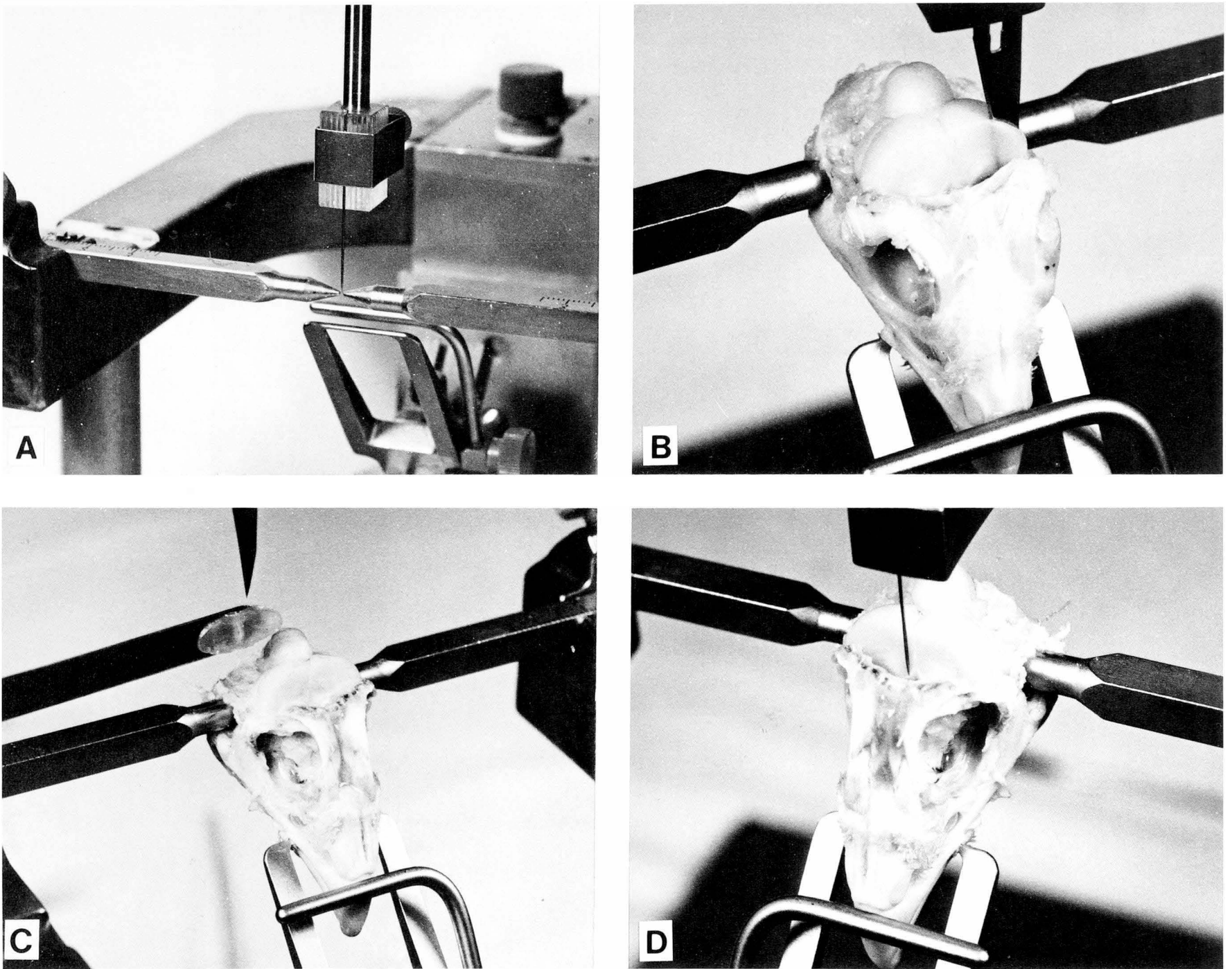


Figure 4. A. An electrode zeroed in a stereotaxic instrument. The tip is positioned directly above the centered ear bars.
B. A scalpel blade fitted in an electrode carrier is used to cut macro-slices of brain tissue (0.5 to 1.0 mm thick).
C. A flat spatula is used to remove and transfer macro-slices of brain onto glass microscopic slides.
D. The electrode, previously zeroed, is juxtaponed to an exposed brain locus of interest and the coordinates are then recorded.

- 4C). To prevent desiccation of the slice, coat with propylene glycol or paraffin oil and cover slip.
5. Continue this process until a neural structure of interest appears in the exposed surface of the brain. For example, in figure 4D the septomesencephalic tract (TSM) is visible in the exposed brain surface. If one were interested in lesioning this tract, one would position the previously zeroed electrode to this structure and read off the three required coordinates (fig. 4D).
 6. To obtain coordinates of a structure not so obvious to the naked eye as the TSM, a more refined procedure can be used. For example, if one wished to direct a cannula or electrode to the medial preoptic nucleus (POM) or a specific region of the ectostriatum (E), then a macrosliced brain section can be placed in a photographic enlarger and projected onto a piece of paper. If a permanent record is desired, the unstained brain section can serve as a negative and prints of the image can be made on standard print paper (e.g., Kodabromide F3, F4, or F5 Paper, Eastman Kodak Company, Rochester, New York). Figure 5 A through D gives examples of unstained macroslices of brain printed directly on photographic paper. Groups of cells appear gray, while fiber tracts and myelinated brain areas appear white. In figure 5A one can determine the approximate location of the POM and E (refer to cross-sectional plate A8.8 for identification of these structures). The key, however, is to have a reference point that can be identified both with the naked eye and on the corresponding projected brain section. For example, figure 5B shows a brain slice that is reasonably close to cross-sectional plate A8.2 of the atlas. A neural structure that shows up quite clearly at this brain level is the anterior commissure (CA). It is an ideal structure to serve as a reference point in unstained sections. When slicing macrosections of brain and the CA comes into view, an electrode should then be positioned at the structure and the coordinates recorded. Replace the electrode carrier and electrode with a carrier fitted with a #11 SS scalpel blade. Cut a macroslice of brain and prepare that slice for projection by adding propylene glycol and cover slipping. The unstained projected slice appears as in figure 5B. Next place an electrode or SS insect pin of *known length* on top of the section and project the image using a standard darkroom enlarger (see fig. 5C). One can then readily determine the lateral distance of a structure of interest to midline. The depth coordinate can be determined by first referring to the depth coordinate recorded for the structure observed with the naked eye and identifying that locus on the projected brain slice. All other depth measurements of the brain should be in reference to that locus, which in this example was the CA.
 7. By maintaining a library of coordinates of loci within a few different anterior–posterior (AP) planes of a particular-aged chick, one can then make inferences about locations of structures in AP planes not yet prepared by referring to this atlas. Note, however, that two assumptions are made that are probably not completely accurate. One is that all brain areas develop and grow at an equal rate. The second is that the angle formed by the axis of the brain to that of the skull does not change through development. Realizing these limitations, one can in short time determine the appropriate coordinates of several neural structures.

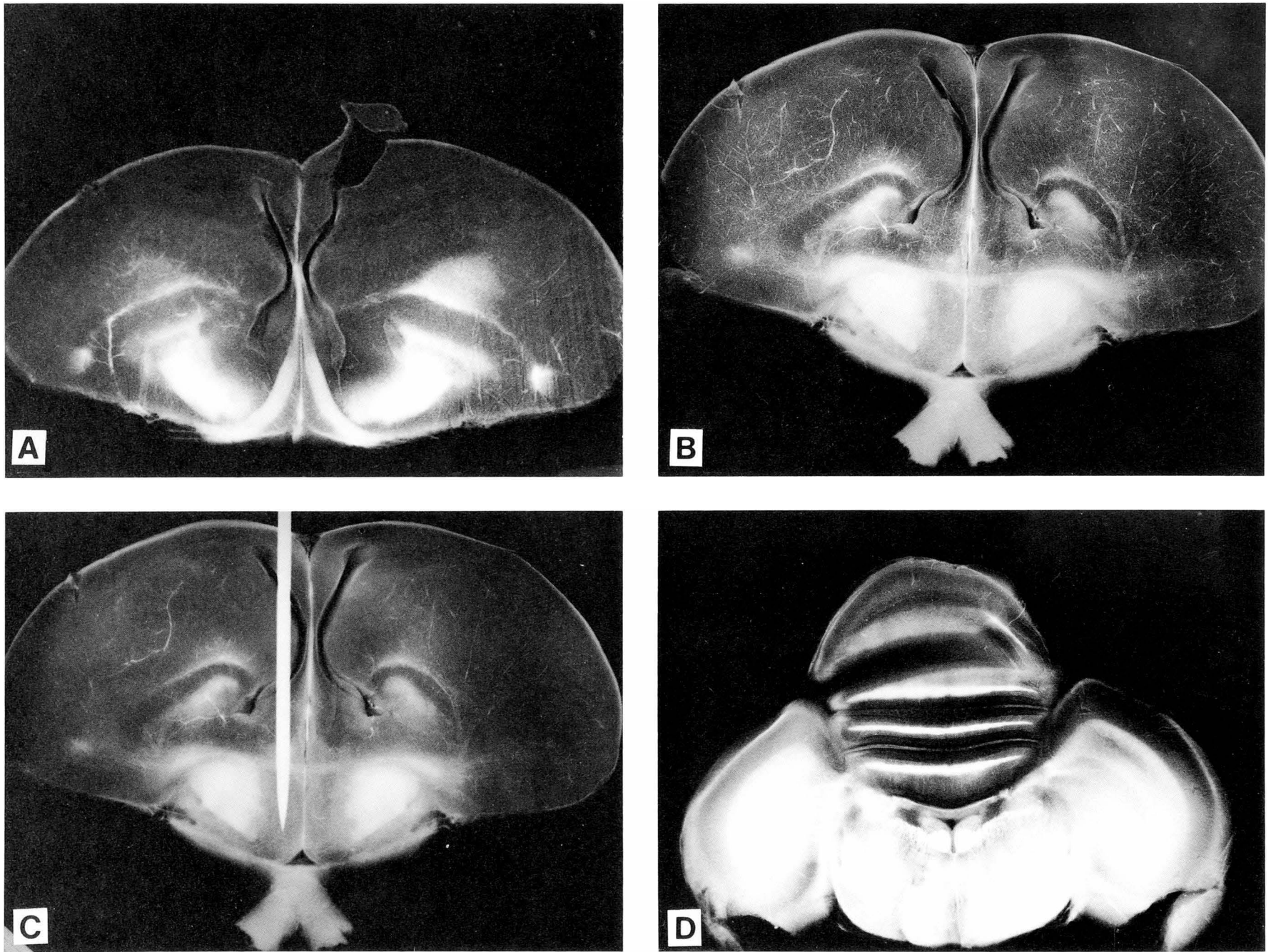


Figure 5. Examples of unstained macroslices of brain tissue projected onto photographic print paper.

- A.** A cross-sectional brain slice of the forebrain comparable to atlas plate A8.8.
- B.** and **C.** Projection of the same brain slice comparable to atlas plate A8.2. In **C**, an electrode was laid on top of the brain slice.
- D.** A section of brain at approximately the level of plate A2.2.

The Procedure for Preparing a Chick for Brain Surgery

The following steps can be taken to insert an electrode at a particular locus within the brain of a chick.

1. Remove feed from chicks about one to three hours prior to surgery.
2. Zero an insulated electrode in the stereotaxic instrument.
3. Anesthetize the chick with one of several methods available (Fedde, 1978). The anesthetic used in our laboratory is Chloropent (see footnote 2 for its preparation). It is administered IV using the brachial vein at a dose of 1.8 ml/kg. A 25 gauge, 15.9 mm needle works well for administering the anesthetic via the wing vein.
4. Place the chick on a support or hammock and carefully insert the ear bars and adjust the clamp for the upper mandible as described in the previous section "Orientation of Skull or Head of a Chick to Obtain Atlas Plane."
5. Shave or remove feathers along the medial region of the head.
6. Wipe the exposed epidermis of the head with isopropyl or 70% ethyl alcohol.
7. Take a pair of surgical scissors and forceps and make a longitudinal cut along the midline of the dorsal skull.
8. Separate the two sides of the skin to expose the calvarium. Remove any blood from the skull and cut edges of dermis using surgical wipes or squares of cheese cloth.
9. Keep the edges of the skin retracted using hemostats as shown in figure 6A. Remove any connective tissue from the dorsal surface of the skull using a bone curette. Remove any additional blood that appeared from the use of the curette.
10. When the skull appears dry, mark the entry point of the electrode on the skull's surface as shown in figure 6A.
11. Remove the electrode carrier and electrode and drill a hole through the calvarium as shown in figure 6B, using a standard dental drill and burr.
12. Attach the electrode carrier again and lower the electrode to the desired depth within the brain.
13. Attach the anode of a lesioning device such as a D. C. Constant Current Lesion Maker (Grass Instruments, Quincy, Massachusetts) to the electrode and the cathode to either the comb or ear bar or within the rectum (fig. 6C).
14. Turn on the current for a particular time period and setting (mA) depending on the size of the lesion desired. For example, a # 1 SS insect pin insulated for use as an electrode, will produce a brain lesion approximately 1 mm³ when the Lesion Maker is set at 1 mA for 15 seconds.
15. Use a silk suture (4-0) and needle or SS wound clips to close the wound (fig. 6D), after which a topical antibiotic can be used at the incision site. It is recommended that a systemic antibiotic and analgesic be used to aid the chick in recovering from surgery.
16. Remove the chick from the instrument and place it in a heated box (25 to 30° C) or on a heating pad. Check the buccal cavity and swab if necessary to remove excess saliva and other fluids.

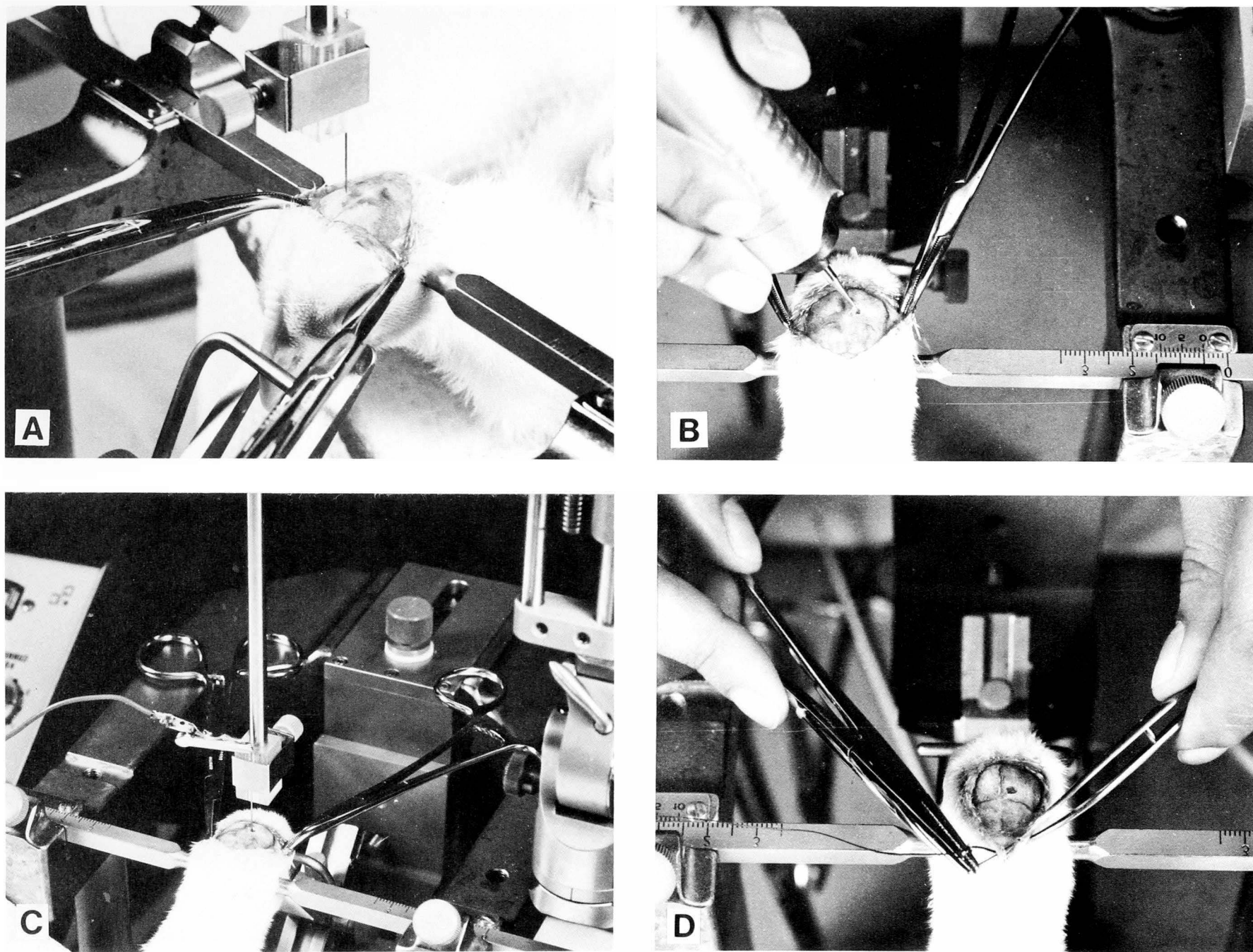


Figure 6. Procedure for producing an electrolytic lesion in the brain of a chick.
A. The skin of the head is cut and the calvarium is exposed in order to mark the entry point of the electrode.
B. A dental drill and burr is used to make a small opening in the skull.
C. An insulated electrode is lowered to a brain locus and connected to a constant current lesion maker.
D. Suturing the epidermis and dermis following neurosurgery.

The Accuracy of the Atlas

Accuracy of the atlas will depend on the type of chick used in experiments; its age, body weight, and sex; and the experience of the investigator. Best results will be obtained when male broiler chicks two weeks of age are used and their body weights are between 250 and 350 g. In our laboratory our best results had success rates of 80% accuracy with the atlas. A more realistic expectation of the accurate placement of electrodes or cannulas by investigators initially using this atlas is 50%.

NOMENCLATURE

The nomenclature found in the current atlas follows that of Karten and Hodos (1967) and Breazile (1979). It should be noted, however, that there is disagreement among neuroanatomists about the names of several avian anatomical structures. Neuroanatomical methods such as golgi and silver stains, horseradish peroxidase, autoradiography and receptor localization, immunocytochemistry and *in situ* hybridization have been used to characterize better specific structures with respect to the material they synthesize, their putative neurotransmitters, receptors, and afferent and efferent pathways. Some authors believe that enough data have been accumulated to suggest avian structures that are homologous to mammalian ones. The following are structures in which some controversy exists with respect to their location, function, or homology.

Anatomical Structures with Controversial Nomenclature

Telencephalon. Table 1 includes the traditional nomenclature of the avian telencephalon in which the suffix *-striatum* is used to describe its subdivisions and a proposed recent terminology appearing in the literature. More data are needed before a determination can be made as to whether homology or homoplasy is the appropriate interpretation of each structure. Nonetheless, it was thought useful to include the table as an aid for those investigators who are more familiar with mammalian neuroanatomy and who are planning to use birds in future studies.

Suprachiasmatic nucleus. Crosby and Woodburne (1940) described the suprachiasmatic nucleus in the dove brain as a small group of cells found in the most rostral plane of the ventromedial hypothalamus. Its corresponding location in the chick brain is labeled SCN_m in plates A8.4 and A8.2. Evidence of a retinohypothalamic pathway to the SCN_m in the House Sparrow and duck has been provided by Hartwig (1974) and Bons (1976), respectively. More recent studies suggest that there are few, if any, retinal projections to the SCN_m and that a small, more laterally situated nucleus is a retinorecipient area (Meier, 1973; Gamlin, Reiner, and Karten, 1982; Cooper, Pickard, and Silver, 1983; Norgren and Silver, 1987; Cassone and Moore, 1987). Hence this more lateral and caudal nucleus has been identified as the avian SCN. Unfortunately, to date no clear evidence has shown that the lateral retinorecipient area serves as a circadian oscillator, as has been demonstrated in the mammalian SCN. Therefore, in the chick brain atlas, this more lateral, caudal nucleus is shown as the ventral nucleus of the supraoptic decussation (DS_v, plates A8.0 and A7.8) as originally described by Reperant (1973). Further research is needed to deter-

TABLE 1. Traditional Nomenclature of the Avian Telencephalon and More Recent Terminology Appearing in the Literature

Nomenclature Used in Atlas ¹	Mammalian or Reptilian Structure Having Similar Positions, Afferent and Efferent Pathways, and/or Functions	References
Dorsal Ventricular Ridge (DVR)²	Isocortex (mammals) Anterior DVR (reptiles) ²	Northcutt, 1981 Ulinski, 1983
Hyperstriatum dorsale ventrale Neostriatum frontale intermedium caudale Ectostriatum Nucleus basalis		
Archistriatal Complex	Basal DVR (reptiles) ²	Ulinski, 1983
Archistriatum mediale posterior Nucleus taeniae	Amygdala (mammals)	Zeier and Karten, 1971
Archistriatum anterior intermedium pars dorsalis pars ventralis	Sensorimotor cortex (primates)	Zeier and Karten, 1971
Paleostriatal Complex	Corpus Striatum (mammals) Basal Ganglia (mammals)	Karten, 1969; Karten and Dubbeldam, 1973; Kitt and Brauth, 1981; Reiner, Karten, and Solina, 1983
Large-celled field Paleostriatum Primitivum	Globus Pallidus (mammals)	
Nucleus Intrapeduncularis		
Small-celled field Paleostriatum Augmentatum	Caudate-putamen (mammals)	
Lobus parolfactorius Nucleus Accumbens	Nucleus Accumbens (mammals)	
Paleostriatum Ventrale	Substantia Innominata and Ventral Pallidum (mammals)	Kitt and Brauth, 1981

¹Nomenclature of Ariens Kappers, Huber, and Crosby (1936) as modified by Karten and Hodos (1967).²In birds, the DVR includes all structures between the lamina medullaris dorsalis and the lamina frontalis suprema.

mine whether the DSv should be renamed the SCN or SCNI (suprachiasmatic nucleus, pars lateralis).

Inferior olive. On plate P3.2 three of the nuclei comprising the inferior or caudal olivary complex are shown. Vogt-Nilsen (1954) completed a detailed study of the olivary complex and identified at least seven nuclei associated with that structure in birds. It would be of interest to determine the afferent and efferent connections of the olivary complex and compare the structure to its reptilian and mammalian counterparts.

Parabrachial nucleus. Studies are in progress to identify the parabrachial nuclei in the pigeon and determine their afferent and efferent projections (Wild, Arends, and Zeigler, 1987). The ventral parabrachial nucleus is located on plates A1.6 through A1.2.

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Index of Structures

This index lists, in alphabetical order of the full name, the structures depicted in the atlas plates. The column at the left displays the abbreviations as they appear on the plates. Below the full name of each structure is a compilation of the transverse, sagittal, and/or horizontal plate(s) on which the structure is shown.

AL	Ansa lenticularis A8.2–A3.8, L2.2–L1.0, D2.4–D1.6	BCD	Brachium conjunctivum descendens A2.4–A1.8, D1.6–D1.2
AQ	Aqueductus mesencephali A4.0	BO	Bulbus olfactorius A14.8–A13.6, L0.6–L0.2, D3.2–D1.2
AA	Archistriatum anterior [rostrale] (Zeier and Karten) A9.2–A8.2, L5.8, D4.4–D3.4	CC	Canalis centralis P3.6–P4.6
AId	Archistriatum intermedium, pars dorsalis (Zeier and Karten) A8.2–A6.0, L7.0–L5.8, D5.2–D4.8	CIO	Capsula interna occipitalis A7.4–A6.8, D7.2–D6.8
Alv	Archistriatum intermedium, pars ventralis (Zeier and Karten) A8.0–A6.0, L7.0–L4.6, D4.4–D2.4	Cb	Cerebellum A5.0–P4.6, L3.8–L0.2, D8.0–D6.0
Am	Archistriatum mediale (Zeier and Karten) A7.6–A6.2, L4.2, D4.4–D3.2	CO	Chiasma opticum A8.6–A6.0, L0.6–L0.2, D0.4–D1.2
Ap	Archistriatum posterior [caudale] (Zeier and Karten) A5.8–A5.2, L7.8–L7.0, D4.8–D4.0	Ep	Cingulum periecostriatale (periecostriatal belt) A11.0–A10.4, L5.8
CDL	Area corticoidea dorsolateralis A7.2–A4.2, L7.0–L3.8	CPa	Commissura pallii A8.0–A7.8, D4.0
APH	Area parahippocampalis A7.4–A4.0, L3.8–L0.2	CA	Commissura anterior [rostralis] (Anterior commissure) A8.4–A8.2, L3.4–L0.2, D3.6–D3.2
APa	Area postrema P2.6–P2.8, L0.6–L0.2, D3.4	CP	Commissura posterior [caudalis] (Posterior commissure) A5.0–A4.4, L1.8–L0.2, D5.2–D4.8
AP	Area pretectalis A5.0	CT	Commissura tectalis A4.8–A2.4, L1.0–L0.2, D5.2–D4.8
TPO	Area temporo-parieto-occipitalis (Edinger, Wallenberg, and Holmes) A8.6–A8.0	CCV	Commissura cerebellaris ventralis A0.2–P0.6, D5.6
AVT	Area ventralis (Tsai) A4.0–A3.4, L1.0–L0.6, D1.6	CTz	Corpus trapezoideum (Papez) A1.8–P1.0, D0.0
BCS	Brachium colliculi superioris A4.0–A2.0, D2.0–D1.6	CPP	Cortex prepiriformis A14.6–A14.4, L1.4–L1.0, D3.6
BC	Brachium conjunctivum A2.6–P0.2, D4.8–D2.8	CPi	Cortex piriformis A8.4–A4.8, L7.8, D5.2–D3.4
BCA	Brachium conjunctivum ascendens A3.0–A2.6	DBC	Decussatio brachiorum conjunctivorum A2.8

DIV	Decussatio nervi trochlearis A2.2–A1.4, D4.4	HD	Hyperstriatum dorsale A14.4–A10.0, L1.8–L1.4, D8.0–D4.8
DSM	Decussatio supramamillaris A4.4, D1.6–D1.2	HIS	Hyperstriatum intercalatum supremum A14.4–A10.2, D8.0–D7.6, D6.0
DSD	Decussatio supraoptica dorsalis A7.4–A6.2, L1.0–L0.2, D1.2–D0.4	HV	Hyperstriatum ventrale A14.8–A5.6, L7.0–L0.6, D8.0–D4.0
DSV	Decussatio supraoptica ventralis A7.4–A6.4, L1.0–L0.2, D0.8–D0.4	HVd	Hyperstriatum ventrale, pars dorsalis A14.6–A13.6
DS	Decussatio supraoptica A5.8	HVv	Hyperstriatum ventrale, pars ventralis A14.6–A13.6
E	Ectostriatum A11.8–A8.6, L5.8–L3.0, D7.2–D4.4	LAD	Lamina archistriatalis dorsalis (Zeier and Karten) A8.6–A5.8, L7.0, D5.2–D2.8
ME	Eminentia mediana (Median eminence) A5.2–A4.4, L0.2, D-1.2	LFS	Lamina frontalis superior A14.8–A7.6, L3.0–L0.6, D8.0–D4.8
FDB	Fasciculus diagonalis Brocae A9.2–A8.8, D3.6–D2.4	LFSM	Lamina frontalis suprema A14.8–A8.8, L1.8–L0.2, D8.0–D4.8
FLM	Fasciculus longitudinalis medialis A3.8–P4.0, L0.2, D4.0–D2.0	LH	Lamina hyperstriatica A14.6–A5.6, L7.0–L0.2, D8.0–D4.4
FPL	Fasciculus prosencephali lateralis (Lateral forebrain bundle) A9.2–A6.6, L3.8–L1.0, D4.4–D2.4	LMD	Lamina medullaris dorsalis A12.4–A6.8, L5.8–L0.2, D6.4–D2.4
FPM	Fasciculus prosencephali medialis (Medial forebrain bundle) A8.0–A7.8	LT	Lamina terminalis L0.2, D2.0–D0.8
FU	Fasciculus uncinatus (Russell) A1.6–A0.2	LM	Lemniscus medialis P1.8–P3.6
FUm	Fasciculus uncinatus, pars medialis A0.2	LS	Lemniscus spinalis P0.6–P3.6, L2.2–L1.8, D2.0–D0.4
FL	Field L A7.4–A5.8, D7.2–D6.4	L	Lingula; vinculum lingulae (ICAN) A0.8–P1.0, D3.4
FLO	Flocculus P0.4–P0.8, D7.2–D6.0	LPO	Lobus parolfactorius A12.4–A9.0, L2.2–L0.2, D3.6–D2.8
FRL	Formatio reticularis lateralis mesencephali A4.0–A2.8, L3.0–L2.2	LoC	Locus ceruleus A3.0–A1.0, L1.8–L1.4, D4.0
FRM	Formatio reticularis medialis mesencephali A4.2–A3.4, L1.4	N	Neostriatum A14–A5.6, L7.8–L3.0, D8.0–D4.8
F	Fornix A8.0	NC	Neostriatum caudale A5.4–A4.4, L4.2–L0.2
FD	Funiculus dorsalis P3.8–P4.6, L1.4	NF	Neostriatum frontale L5.8, L4.6, L2.6–L1.8
FLt	Funiculus lateralis P4.2–P4.6	NI	Neostriatum intermedium A9.2–A8.4, L2.6–L1.0, D6.4–D5.6
FV	Funiculus ventralis P4.2–P4.6, L0.6–L0.2	N IX-X	Nervi glossopharyngeus et vagus P2.4–P3.6, D4.0
P	Glandula pinealis (pineal gland) A5.8–A5.0, L0.6–L0.2, D8.0–D6.8	N VI	Nervus abducens AP0.0–P1.0, D1.2–D0.0
Hp	Hippocampus A8.6–A4.0, L4.6–L0.2, D8.0–D7.2	N VII	Nervus facialis A0.2
HA	Hyperstriatum accessorium A14.8–A7.6, L3.0–L0.2, D8.0–D4.4	N XII	Nervus hypoglossus P3.8–P4.0, L1.0

- N VIII c Nervus octavus, pars cochlearis
P1.4–P1.8, L3.0–L2.6
- N VIII v Nervus octavus, pars vestibularis
P0.4–P1.2, L2.2–L1.0, D4.0–D2.8
- N III Nervus oculomotorius
A3.8–A3.4, L0.6–L0.2, D2.8–D1.2
- N V Nervus trigeminus
A0.8–A0.2, L3.4–L2.6, D2.8–D2.0
- N IV Nervus trochlearis
A1.4
- N X Nervus vagus
P3.4–P3.6
- NH Neurohypophysis
L0.2, D-0.8
- GC Nuclei gracilis et cuneatus
P3.6–P4.6
- Ac Nucleus accumbens
A10.0–A8.2, L1.0–L0.6, D4.8–D3.2
- An Nucleus angularis
P0.8–P1.6, L2.6, D4.8–D4.4
- ALA Nucleus ansae lenticularis anterior [rostralis]
A6.8–A6.2, L1.4–L1.0, D2.0
- ALP Nucleus ansae lenticularis posterior [caudalis]
A5.2–A4.6, L1.8–L1.4, D2.8–D2.0
- AM Nucleus anterior [rostralis] medialis hypothalami
A8.2–A7.4, L0.6–L0.2, D1.6–D0.8
- Bas Nucleus basalis
A13.4–A11.6, L3.8–L1.8, D4.4–D2.4
- CMOd Nucleus centralis medullae oblongatae, pars dorsalis
P3.4–P4.0
- CMOv Nucleus centralis medullae oblongatae, pars ventralis
P3.2–P4.0, D2.8
- CS Nucleus centralis superior (Bechterew)
A3.0–A2.6, D2.0–D1.6
- Cbl Nucleus cerebellaris internus
A0.8–P0.4, L1.0, D7.2–D6.0
- Cblvm Nucleus cerebellaris internus, pars ventromedialis
AP0.0–P0.4, D6.0
- CblM Nucleus cerebellaris intermedius
A0.2–P0.2, L1.4, D6.4–D6.0
- Cbl Nucleus cerebellaris lateralis
P0.2–P0.6, L2.6–L1.8, D6.4–D6.0
- CL Nucleus cervicalis lateralis
P4.0–P4.6, D4.0
- nCPa Nucleus commissurae pallii (Bed nucleus pallial
commissure)
A8.6–A7.8, L0.2, D4.4–D3.2
- Co Nucleus commissuralis (Haller)
P4.4–P4.6
- CE Nucleus cuneatus externus (Karten and Hodos) nucleus
cuneatus accessorius [lateralis] (ICAAN)
P2.6–P3.6
- D Nucleus of Darkschewitsch; nucleus paragrisealis
centralis mesencephali (ICAAN)
A5.0–A4.6, D3.6–D3.2
- nDBC Nucleus decussationis brachiorum conjunctivorum
A2.8–A2.6
- DSv Nucleus decussationis supraopticae, pars ventralis
(Reperant); nucleus suprachiasmaticus, pars lateralis
(Meier)
A8.0–A7.8
- DIP Nucleus dorsointermedius posterior thalami (Karten and
Hodos); nucleus dorsointermedialis caudalis (ICAAN)
A5.6–A5.4
- DLA Nucleus dorsolateralis anterior [rostralis] thalami
A6.4–A6.2, L3.0, D5.2
- DLAmc Nucleus dorsolateralis anterior [rostralis] thalami, pars
magnocellularis
A8.0–A7.6, D3.2–D2.8
- DLAI Nucleus dorsolateralis anterior [rostralis] thalami, pars
lateralis
A7.2–A6.6, L3.4, L2.6–L2.2, D3.6–D2.8
- DLAm Nucleus dorsolateralis anterior [rostralis] thalami, pars
medialis
A7.2–A6.6, L2.2–L1.4, D4.8–D3.6
- DLP Nucleus dorsolateralis posterior [caudalis] thalami
A6.0–A5.2, L2.2, D4.4
- DMA Nucleus dorsomedialis anterior [rostralis] thalami
A7.0–A6.2, L1.0–L0.2, D5.2–D4.0
- DMN Nucleus dorsomedialis hypothalami
A5.4–A5.0, D0.8
- DMP Nucleus dorsomedialis posterior [caudalis] thalami
A6.0–A5.2, D4.4
- EW Nucleus of Edinger-Westphal; nucleus nervi oculomotorii,
pars accessoria (ICAAN)
A3.4–A2.8, L0.2, D4.4
- TD V Nucleus et tractus descendens nervi trigemini
P0.6–P4.6, D3.4, D2.8–D2.4
- GLdp Nucleus geniculatus lateralis, pars dorsalis principalis
A6.0–A5.0, L3.0–L2.2, D1.2–D0.8
- GLv Nucleus geniculatus lateralis, pars ventralis
A7.8–A5.2, L3.4–L1.4, D1.6–D0.4
- HL Nucleus habenularis lateralis
A6.4–A5.4, L0.6, D5.6

HM	Nucleus habenularis medialis A7.0–A5.4, L0.6–L0.2, D5.6	LC	Nucleus linearis caudalis A2.4–A1.2, D2.4–D1.2
IH	Nucleus inferioris hypothalami A5.6–A4.8, L0.2, D0.4–D0.4	MCC	Nucleus magnocellularis cochlearis P0.8–P2.0, L1.8–L0.6, D4.4–D4.0
IN	Nucleus infundibuli hypothalami A5.6–A4.6, L0.2, D-0.8	MPOd	Nucleus magnocellularis preopticus (van Tienhoven), pars dorsalis A8.8
ICo	Nucleus intercollicularis A4.4–A4.0, L4.2–L3.0, D3.4–D3.2	MPOm	pars medialis A8.8
IC	Nucleus intercalatus P2.0–P2.6, D3.4–D3.2	MPOv	pars ventralis A8.8
ICH	Nucleus intercalatus hypothalami A4.4, D1.2	ML	Nucleus mamillaris lateralis A4.6–A4.4
ICT	Nucleus intercalatus thalami A7.4–A6.4, L2.2, D2.0–D1.6	MM	Nucleus mamillaris medialis A4.8–A4.4, L0.2, D0.4–D0.0
IP	Nucleus interpeduncularis A3.4–A2.8, D2.0–D0.8	MLd	Nucleus mesencephalicus lateralis, pars dorsalis A4.0–A2.8, L4.2–L3.0, D5.6–D4.0
IS	Nucleus interstitialis (Cajal) A5.0–A4.6	n V M	Nucleus mesencephalicus nervi trigemini A4.6–A3.4, L0.6–L0.2, D5.2–D4.8
IPS	Nucleus interstitio-preecto-subpreectalis A4.8–A4.2	MPv	Nucleus mesencephalicus profundus, pars ventralis (Jungherr) A4.0–A3.2, D2.4–D1.6
ni	Nucleus intramedialis (Huber and Crosby), nucleus c (Rendahl) A4.8–A4.6, D1.6	Mn X	Nucleus motorius dorsalis nervi vagi P2.0–P3.8, L0.2, D4.4–D3.6
INP	Nucleus intrapeduncularis A9.8–A8.8, L3.8–L2.6, D4.8–D4.0	Mn VII d	Nucleus motorius nervi facialis, pars dorsalis A0.4–P0.4, L1.8, L1.0–L0.6, D2.8–D2.0
Imc	Nucleus isthmi, pars magnocellularis A4.2–A1.8, L5.0–L3.4, D5.6–D1.6	Mn VII i	Nucleus motorius nervi facialis, pars intermedia P0.4
lpc	Nucleus isthmi, pars parvocellularis A3.8–A2.0, L5.0–L2.6, D5.2–D2.4	Mn VII v	Nucleus motorius nervi facialis, pars ventralis A0.2–P0.2, D1.6–D1.2
IO	Nucleus isthmo-opticus A2.4–A1.8, L2.2–L1.4, D4.8–D4.4	Mn V	Nucleus motorius nervi trigemini A0.8–AP0.0, D3.2–D2.0
La	Nucleus laminaris P0.4–P1.0, L1.8–L1.0, D4.4–D4.0	n VI	Nucleus nervi abducentis P0.2–P1.2, L1.0, D2.8–D2.4
LA	Nucleus lateralis anterior [rostralis] thalami A8.2–A7.4, D2.4–D2.0	n XI	Nucleus nervi accessorii (Spinal accessory nerve [Eden and Correia]) P4.6
LLd	Nucleus lemnisci lateralis, pars dorsalis (Groebbels) A2.4–A1.8	n IX	Nucleus nervi glossopharyngei P1.6–P2.8, D4.0–D3.6
LLi	Nucleus lemnisci lateralis, pars intermedia (Arends & Zeigler); nucleus lemnisci lateralis, pars lateroventralis (Boord); nucleus ventralis lemnisci lateralis (Karten and Hodos) A1.8–A1.0, L2.6, D2.8–D2.0	n IX-X	Nucleus nervi glossopharyngei et nucleus motorius dorsalis nervi vagi P2.0–P2.8
LLv	Nucleus lemnisci lateralis, pars ventralis (Groebbels) A1.8–A1.6, D2.4	n XII	Nucleus nervi hypoglossi (Nottebohm, Stokes, and Leonard), pars tracheo- syringealis, pars lingualis; nucleus nervi cervicalis medialis (Watanabe, Iwata, and Yasuda) P2.6–P4.2, L1.0–L0.2, D4.4, D3.6
LMmc	Nucleus lentiformis mesencephali, pars magnocellularis A6.4–A5.6, L3.8, D2.4–D1.6	OMd	Nucleus nervi oculomotorii, pars dorsalis A2.8–A2.4, L0.2
LMpc	Nucleus lentiformis mesencephali, pars parvocellularis A6.0–A5.6, D2.4–D1.6		

- OMdl Nucleus nervi oculomotorii, pars dorsolateralis
A3.4–A3.0, D4.0
- OMdm Nucleus nervi oculomotorii, pars dorsomedialis
A3.4–A3.0, D4.0
- OMv Nucleus nervi oculomotorii, pars ventralis
A3.4–A2.4, D3.6–D3.2
- nIV Nucleus nervi trochlearis
A2.4–A1.6, L0.2, D4.0–D3.4
- OA Nucleus olfactorius anterior [rostralis]
A14.2–A13.6, D3.4–D3.2
- OI Nucleus olivaris inferior (Kooy and Vogt-Nilsen);
complexus olivaris caudalis (ICAAN); components of OI
include: OAD, OAM, and OP
P2.8–P4.0, L1.8–L0.2, D3.2–D1.2
- OI-OAD Nucleus olivaris accessorius dorsalis
P3.2
- OI-OAM Nucleus olivaris accessorius medialis
P3.2
- OI-OP Nucleus olivaris principalis
P3.2
- OS Nucleus olivaris superior
P0.2–P1.2, L2.2–L1.8, D2.4–D1.6
- nBOR Nucleus opticus basalis; nucleus ectomamillaris (nucleus
of the basal optic root)
A4.8–A3.4, L1.8–L1.0, D1.2–D0.8
- OV Nucleus ovoidalis
A6.4–A5.4, L1.0–L0.6, D4.0–D3.4
- Pap Nucleus papillioformis
A3.2–A1.8, L1.4–L0.6, D1.6–D0.4
- PBv Nucleus parabrachialis, pars ventralis
A1.6–A1.2
- PMI Nucleus paramedianus internus thalami
A5.4–A5.2, D3.6–D3.2
- PVN Nucleus paraventricularis magnocellularis
(Paraventricular nucleus)
A8.0–A6.4, L0.6–L0.2, D3.2–D2.4
- PHN Nucleus periventricularis hypothalami
A5.8–A5.0, D1.6–D0.8
- PL Nucleus pontis lateralis
A2.4–P0.8, L1.8, D1.6–D0.4
- PM Nucleus pontis medialis
A1.6–P0.8, L1.4–L0.6, D0.4–D0.0
- PV Nucleus posteroventralis thalami (Kuhlenbeck)
A6.4
- PMM Nucleus premamillaris
A4.6
- POM Nucleus preopticus medialis (van Tienhoven)
A9.0–A8.8, L0.6–L0.2, D2.4–D1.6
- POD Nucleus preopticus dorsolateralis
A9.2
- POP Nucleus preopticus periventricularis
A8.8–A8.4
- PT Nucleus pretectalis
A5.4–A4.8, L3.4–L2.6, D4.0–D3.2
- PTD Nucleus pretectalis diffusus
A6.0–A5.8
- PTM Nucleus pretectalis medialis
A5.6–A5.2
- PPC Nucleus principalis precommissuralis
A6.6–A5.6, L3.4–L3.0, D2.4–D1.6
- R Nucleus raphes
A1.6–P3.4, D2.4–D0.0
- Rgc Nucleus reticularis gigantocellularis
P1.0–P2.8, L0.6, D2.4
- RL Nucleus reticularis lateralis
P3.0–P4.0, D2.0
- Rpgl Nucleus reticularis paragiganto-cellularis lateralis (ICAAN);
nucleus paragigantocellularis lateralis (Karten and Hodos)
P1.6–P2.8, D1.6–D1.2
- RPaM Nucleus reticularis paramedianus (ICAAN); nucleus
paramedianus (Karten and Hodos)
A1.6–P2.4, D1.2–D0.4
- Rpc Nucleus reticularis parvocellularis
P1.4–P2.8, L1.8–L1.4, D1.6–D1.2
- RP Nucleus reticularis pontis caudalis
AP0.0–P1.2
- RPgc Nucleus reticularis pontis caudalis, pars gigantocellularis
A1.8–A0.2, L1.8–L1.4, L0.6–L0.2, D2.4–D1.2
- RPO Nucleus reticularis pontis oralis
A2.6–A1.6, L1.0, D2.4–D1.6
- RST Nucleus reticularis subtrigeminalis
P1.8–P3.6, D3.6–D2.0
- RSd Nucleus reticularis superior, pars dorsalis
A8.0–A6.8, L1.8–L1.0, D3.4–D2.4
- RSv Nucleus reticularis superior, pars ventralis
A7.8–A7.4, L1.8–L1.4, D2.0
- ROT Nucleus rotundus
A7.2–A5.6, L3.0–L1.8, D3.2–D1.6
- Ru Nucleus ruber
A4.4–A3.4, L1.0–L0.2, D3.2–D2.0
- SLu Nucleus semilunaris
A2.6–A1.6, D4.0–D2.8
- nPrV Nucleus sensorius principalis nervi trigemini
A1.0–A0.4, L2.6–L1.8, D4.0–D2.8
- SL Nucleus septalis lateralis
A9.4–A7.6, L1.0–L0.6, D5.6–D4.4

SM	Nucleus septalis medialis A8.6–A7.6, L0.6, D4.8–D4.4	VMN	Nucleus ventromedialis hypothalami A7.2–A5.8, L0.6–L0.2, D1.2–D0.0
SpL	Nucleus spiriformis lateralis A5.2–A4.4, L3.0–L2.2, D4.0–D2.4	VeD	Nucleus vestibularis descendens P0.8–P2.8, L1.8–L1.0, D3.6–D3.2
SpM	Nucleus spiriformis medialis A5.2–A4.4, L2.2–L1.8, D4.0	VeDL	Nucleus vestibularis dorsolateralis (Sanders) P0.4–P0.6
nST	Nucleus striae terminalis (Bed nucleus, stria terminalis) A7.6, D4.8	VeL	Nucleus vestibularis lateralis AP0.0–P1.2, D4.8–D3.2
SCd	Nucleus subceruleus dorsalis A2.4–A1.4, D2.8	VeM	Nucleus vestibularis medialis A1.0–P2.2, L0.6–L0.2, D4.4–D3.2
SCv	Nucleus subceruleus ventralis A2.6–A0.2, D3.2–D2.8	VeS	Nucleus vestibularis superior A0.4–P0.2, L2.6–L2.2, D4.8–D4.0
SHL	Nucleus subhabenularis lateralis A5.8–A5.4	PVO	Organum paraventriculare (Paraventricular organ) A6.0–A4.6, D2.0–D0.8
SHM	Nucleus subhabenularis medialis A5.8–A5.6	LSO	Organum septi laterale (Lateral septal organ) A9.6–A7.8, L0.6–L0.2, D5.2–D3.6
SP	Nucleus subpretectalis A5.2–A4.2, L3.0–L2.6, D2.0–D1.2	SCO	Organum subcommissurale (Subcommissural organ) A5.2–A4.2, L0.2, D5.2–D4.8
SRT	Nucleus subrotundus A6.4–A6.0, L1.0–L0.6, D3.2–D2.8	SSO	Organum subseptale (Subseptal organ [Legait and Legait; subfornical organ in brains having a fornix]) Organum interventriculare (Interventricular organ [Blähser]) A8.4–A7.6, D4.4–D3.2
SCNm	Nucleus suprachiasmaticus, pars medialis A8.4–A8.2	STO	Organum subtrochleare (Subtrochlear organ) A2.2–A1.8, D4.0
SOe	Nucleus supraopticus (Ralph), pars externus A8.8	OVLT	Organum vasculosum lamina terminalis A8.6
SOv	Nucleus supraopticus (Ralph), pars ventralis A9.2–A8.8, D2.4–D1.6	PA	Paleostriatum augmentatum (Caudate putamen) A11.8–A6.8, L5.8–L2.2, D6.4–D3.6
SS	Nucleus suprascapularis (Wild and Zeigler) P2.8–P4.6, L1.0–L0.2, D3.6–D3.2	PP	Paleostriatum primitivum (Globus pallidus) A10.2–A7.6, L5.0–L2.6, D6.0–D4.0
Tn	Nucleus taeniae A8.2–A6.2, L4.6–L3.8, D4.4–D2.8	PVT	Paleostriatum ventrale (Kitt and Brauth) A9.2–A8.0
Ta	Nucleus tangentialis (Cajal) P0.6–P1.2, D3.4	PCVL	Plexus choroideus ventriculi lateralis (Choroid plexus within lateral ventricle) A7.6–A6.2
TD	Nucleus tegmenti dorsalis (Gudden) A1.4–A1.2, D3.4–D3.2	PCV III	Plexus choroideus ventriculi tertii (Choroid plexus within third ventricle) A6.2–A6.0, D6.0
TV	Nucleus tegmenti ventralis (Gudden) A2.4–A1.6, D3.2–D2.4	PH	Plexus of Horsley P1.6–P3.2
TPc	Nucleus tegmenti pedunculo-pontinus, pars compacta (Substantia nigra) A3.6–A2.8, L2.2–L1.8, D3.2–D2.0	PLCV	Processus lateralis cerebello-vestibularis AP0.0, D5.6
nTSM	Nucleus tractus septomesencephalicus (Nucleus superficialis parvocellularis) A7.0–A5.2, L2.2–L1.4, D4.4	Rx V M	Radix mesencephalica nervi trigemini A2.8–A2.4
S	Nucleus tractus solitarii P2.0–P4.2, L1.0–L0.6, D4.8–D4.4	LHy	Regio lateralis hypothalami (Lateral hypothalamic area) A8.2–A4.8, D1.2–D0.4
T	Nucleus triangularis A6.4–A5.6, L2.2–L1.8, D3.6–D3.2		
VLT	Nucleus ventrolateralis thalami A8.4–A7.8, D1.6–D1.2		

RI	Recessus inframamillaris; Recessus infundibuli (Infundibular recess) A4.4–A4.2, D-0.4–D-0.8	TIO	Tractus isthmo-opticus A6.6–A2.0, L3.0–L1.8, D5.6–D4.0
RPR	Recessus preopticus D0.8	LO	Tractus lamino-olivaris P0.2
*SAC	Stratum album centrale A5.4–A1.6, L5.8–L2.2, D6.8–D1.2	TnBOR	Tractus nuclei optici basalis (Tractus nuclei ectomamillaris; tract of the basal optic root) A5.0
SCE	Stratum cellulare externum A6.0–A4.6, L1.0–L0.2, D2.8–D2.0	TOV	Tractus nuclei ovoidalis A5.8–A5.6, D3.2–D2.4
*SGC	Stratum griseum centrale A6.0–A1.0, L7.0–L2.2, D6.8–D0.8	OM	Tractus occipitomesencephalicus A8.0–A2.4, L5.0–L4.2, L1.8–L1.0, D4.0–D2.8
*SGFS	Stratum griseum et fibrosum superficiale A6.0–A0.8, L7.0–L1.8, D7.6–D0.0	TrO	Tractus opticus A7.2–A5.6, L3.8–L1.0, D1.2–D0.0
*SO	Stratum opticum A6.0–A0.8, L7.0–L3.4, D5.6–D0.0	PST	Tractus pretecto-subpretectalis A5.0–A4.8
SMe	Stria medullaris A7.0–A6.0, L1.0, D5.6–D4.4	QF	Tractus quintofrontalis A11.8–A2.0, D1.2
SG	Substantia gelatinosa Rolandi (trigemini) P3.4–P4.6	TSM	Tractus septomesencephalicus A9.4–A5.0, L2.6–L0.2, D5.2–D2.0
GCt	Substantia grisea centralis A5.0–A1.6, L1.4, L0.6, D4.8–D4.4	TS	Tractus solitarius P2.0–P3.6
*SGP	Stratum griseum periventriculare A5.2–A2.2, L5.0–L2.6, D6.4–D2.0	SCbd	Tractus spinocerebellaris dorsalis P1.4–P2.4, D3.2–D2.4
TeO	Tectum opticum, colliculus mesencephali; tectum mesencephali (ICAAAN) A6.6–A6.2	TT	Tractus tectothalamicus A6.4–A5.4, L2.2, D2.0–D1.2
ToS	Torus semicircularis A4.0	TTS	Tractus thalamostriaticus A6.4–A6.0, D4.0–D3.2
CHCS	Tractus cortico-habenularis et cortico-septalis A7.4–A6.8, D5.6–D5.2	TVM	Tractus vestibulomesencephalicus (Papez) A4.2–A3.0, L1.0, D4.4
CH	Tractus corticohabenularis A5.8	TO	Tuberculum olfactorium A11.4–A9.4, L1.4–L0.2, D2.8–D2.4
DA	Tractus dorso-archistriaticus A7.2–A5.4	Va	Vallecula telencephali A14.2–A9.4, D8.0–D5.6
FA	Tractus fronto-archistriaticus A11.8–A9.2, L5.8, D4.4–D4.0	VC	Ventriculus cerebelli AP0.0–P0.4, D6.8–D6.0
FT	Tractus frontothalamicus et tractus thalamofrontalis A9.8	VL	Ventriculus lateralis A13.2–A7.4, L5.0–L0.2, D8.0–D2.8
HIP	Tractus habenulointerpeduncularis A5.8–A5.6	VO	Ventriculus olfactorius A14.8–A13.4, D2.4–D1.6
IF	Tractus infundibularis A5.0–A4.6	V IV	Ventriculus quartus (Fourth ventricle) P1.0
TIC	Tractus isthmo-cerebellaris A2.6–A2.0, D2.0	VT	Ventriculus tecti mesencephali A4.8–A2.4, L5.8–L1.4, D6.4–D2.0
		V III	Ventriculus tertius (Third ventricle) A8.6–A7.6, D5.6–D0.0

*Details of systems of nomenclature for layers of the optic tectum can be found in Supplementary Plate A4.6, ENLARGEMENT OF OPTIC TECTUM, p. 81.

Plates

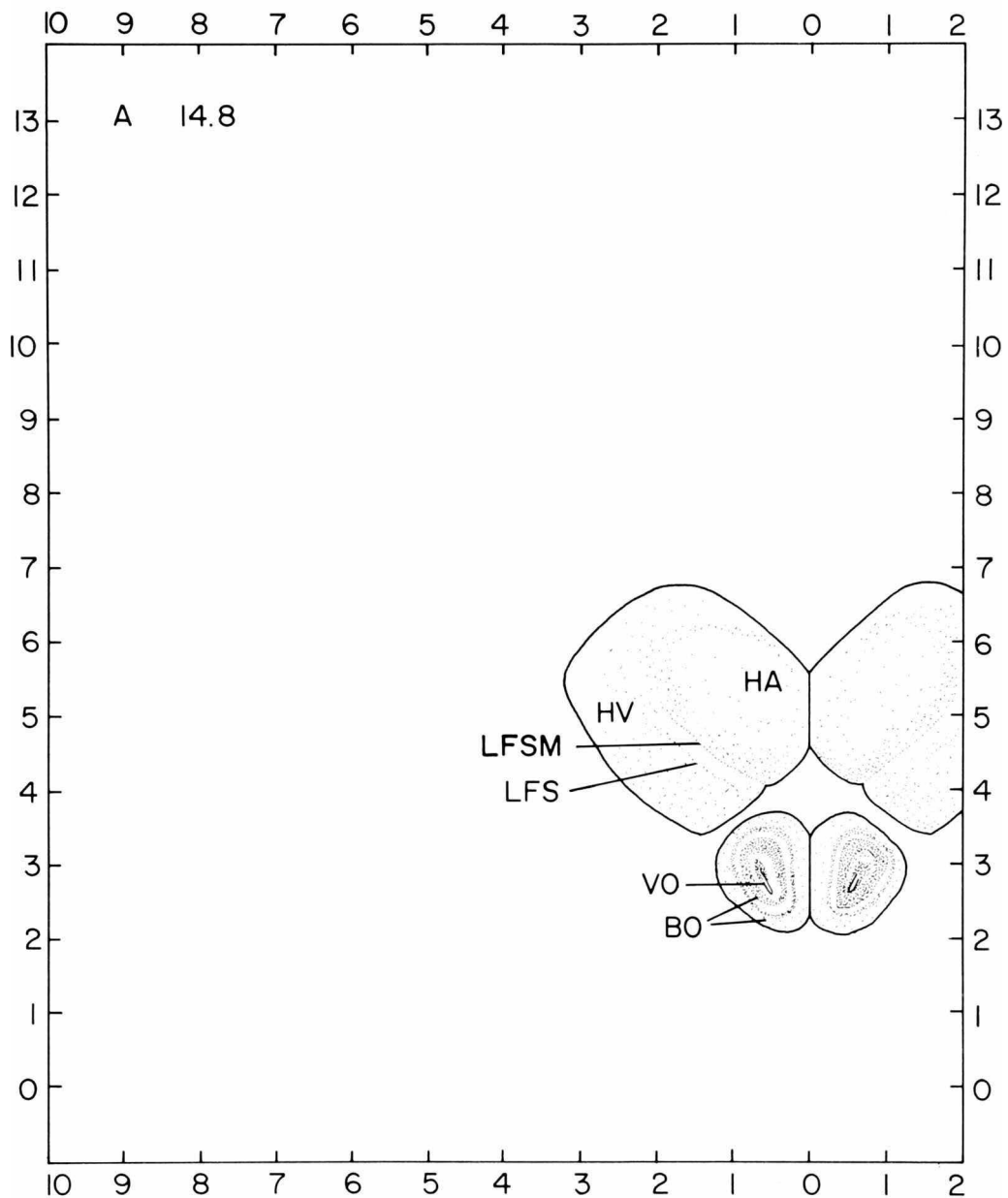
The number used to identify each plate and all coordinates given along the axes of plates signify mm.

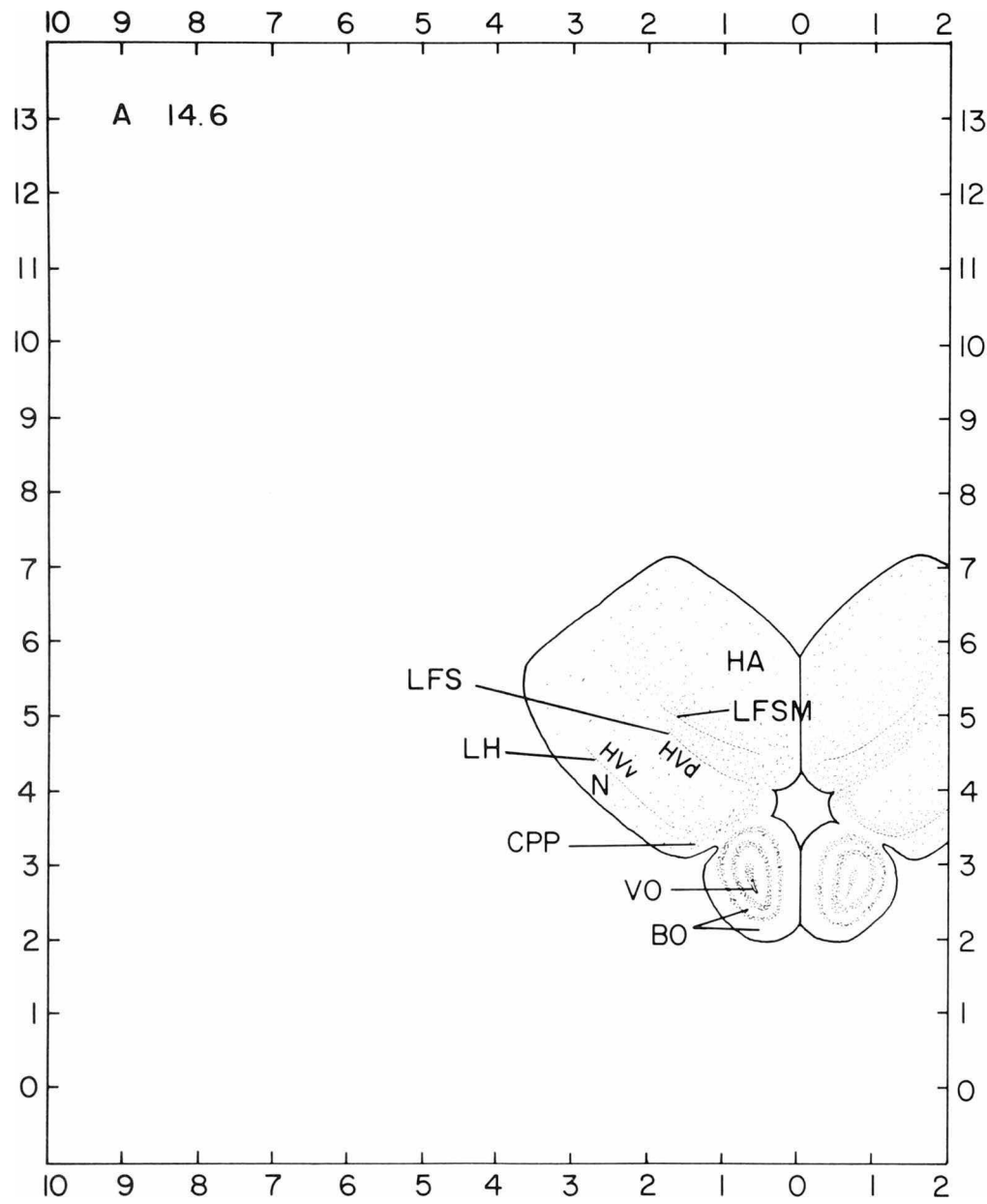
Transverse Plates: A 14.8 through P 4.6 where distance is A (Anterior) or P (Posterior) from a zero reference plate AP 0.0 (p. 104).

Sagittal Plates: L 7.8 through L 0.2 where L = Lateral distance from midline (L 0.0).

Horizontal Plates: D 8.0 through D -1.2 where D = Depth within brain tissue from a zero reference plate marking the level of the entrance of the earbars into the auditory canals (D 0.0, p. 165).

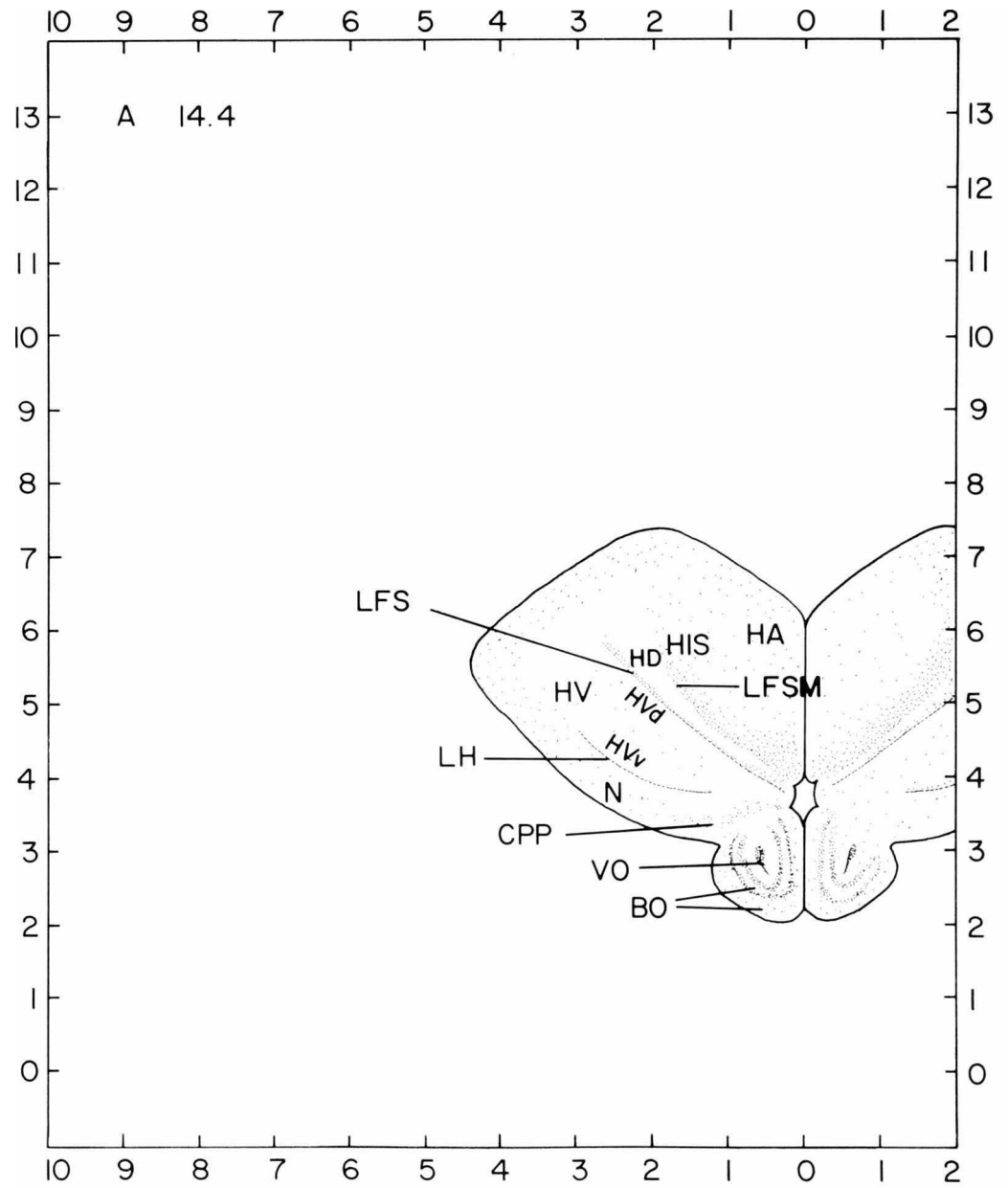
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- HA Hyperstriatum accessorium
- HV Hyperstriatum ventrale
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- VO Ventriculus olfactorius

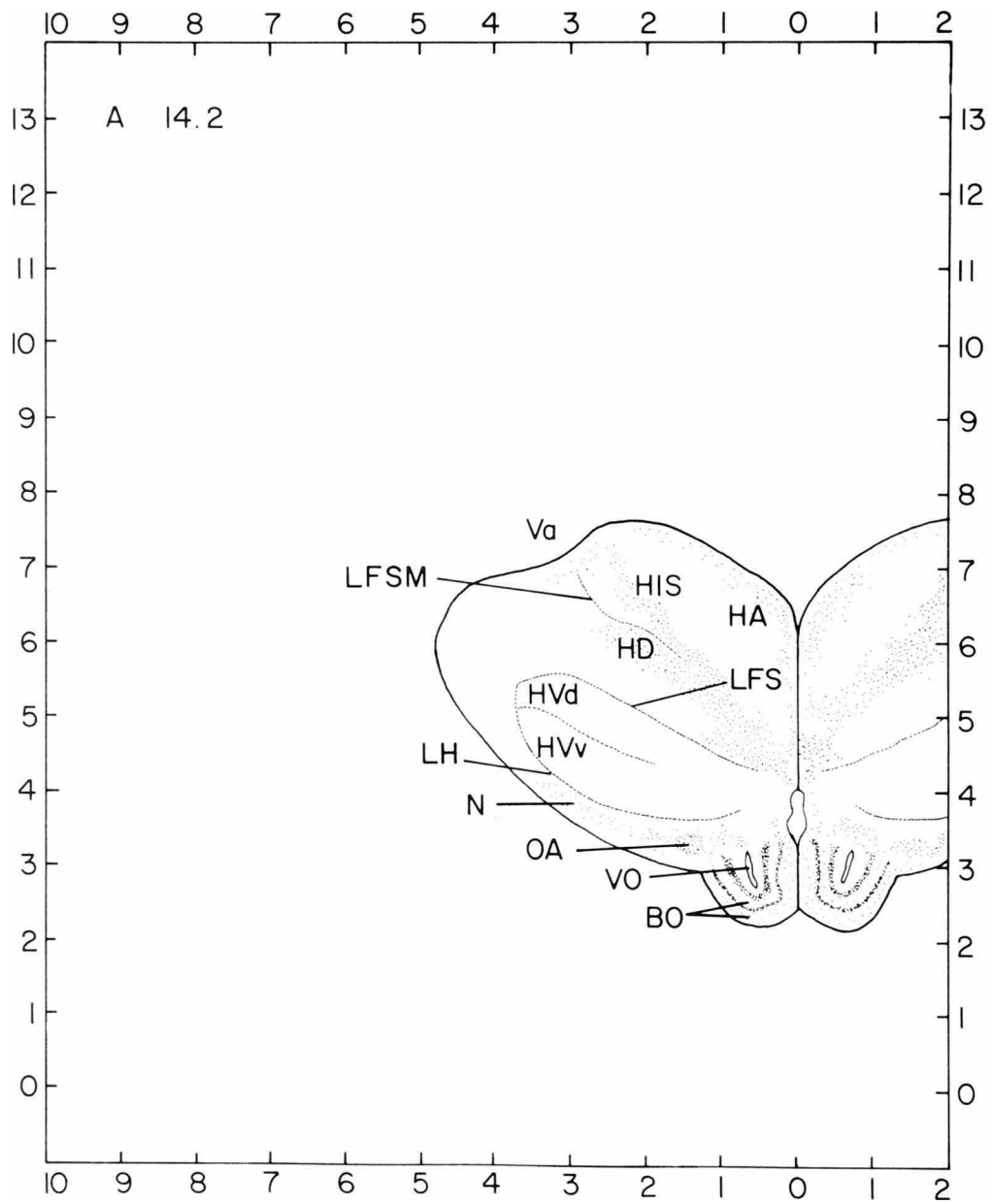




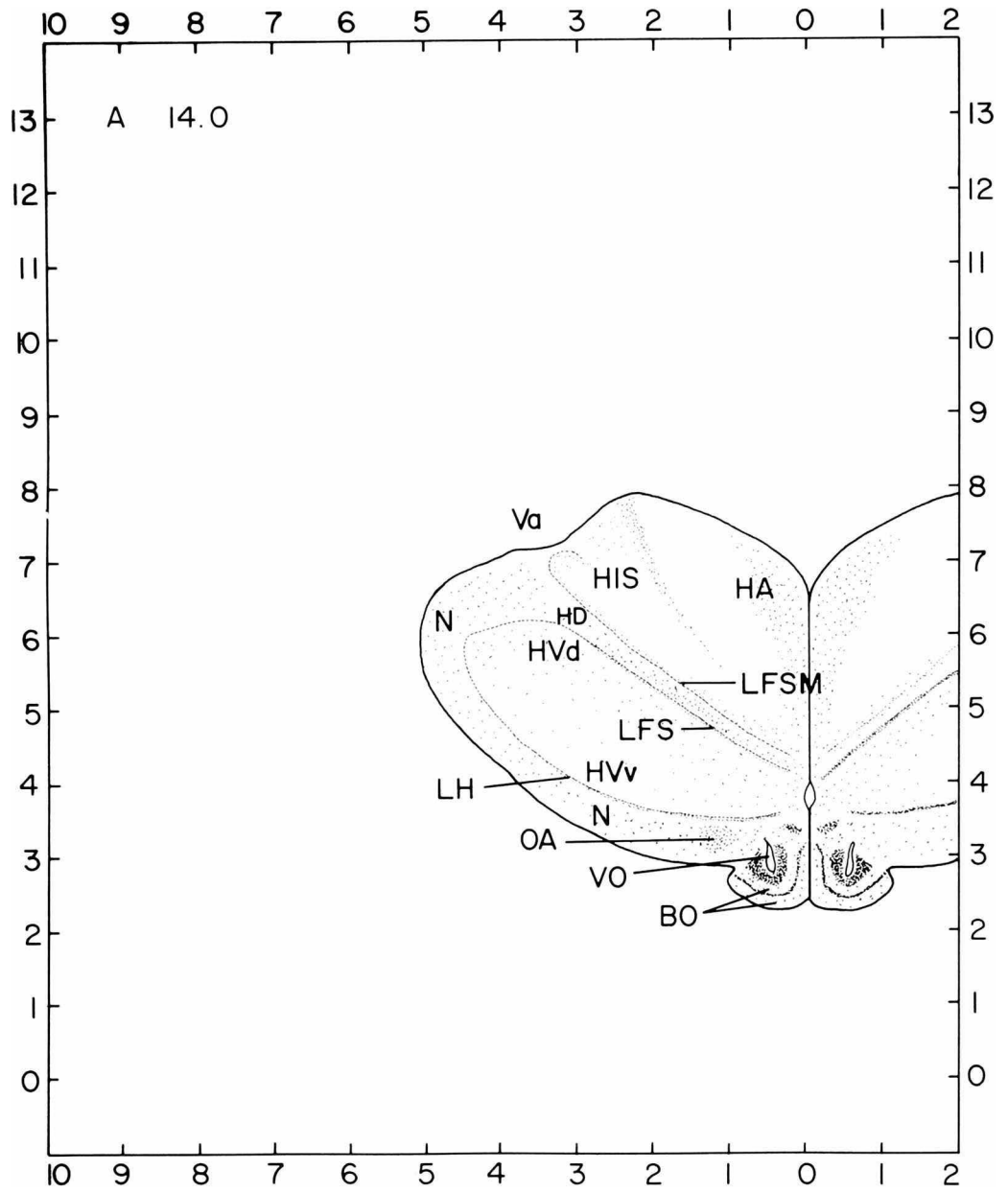
- BO Bulbus olfactorius
- CPP Cortex prepiriformis
- HA Hyperstriatum accessorium
- HVd Hyperstriatum ventrale, pars dorsalis
- HVv Hyperstriatum ventrale, pars ventralis
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- N Neostriatum
- VO Ventriculus olfactorius

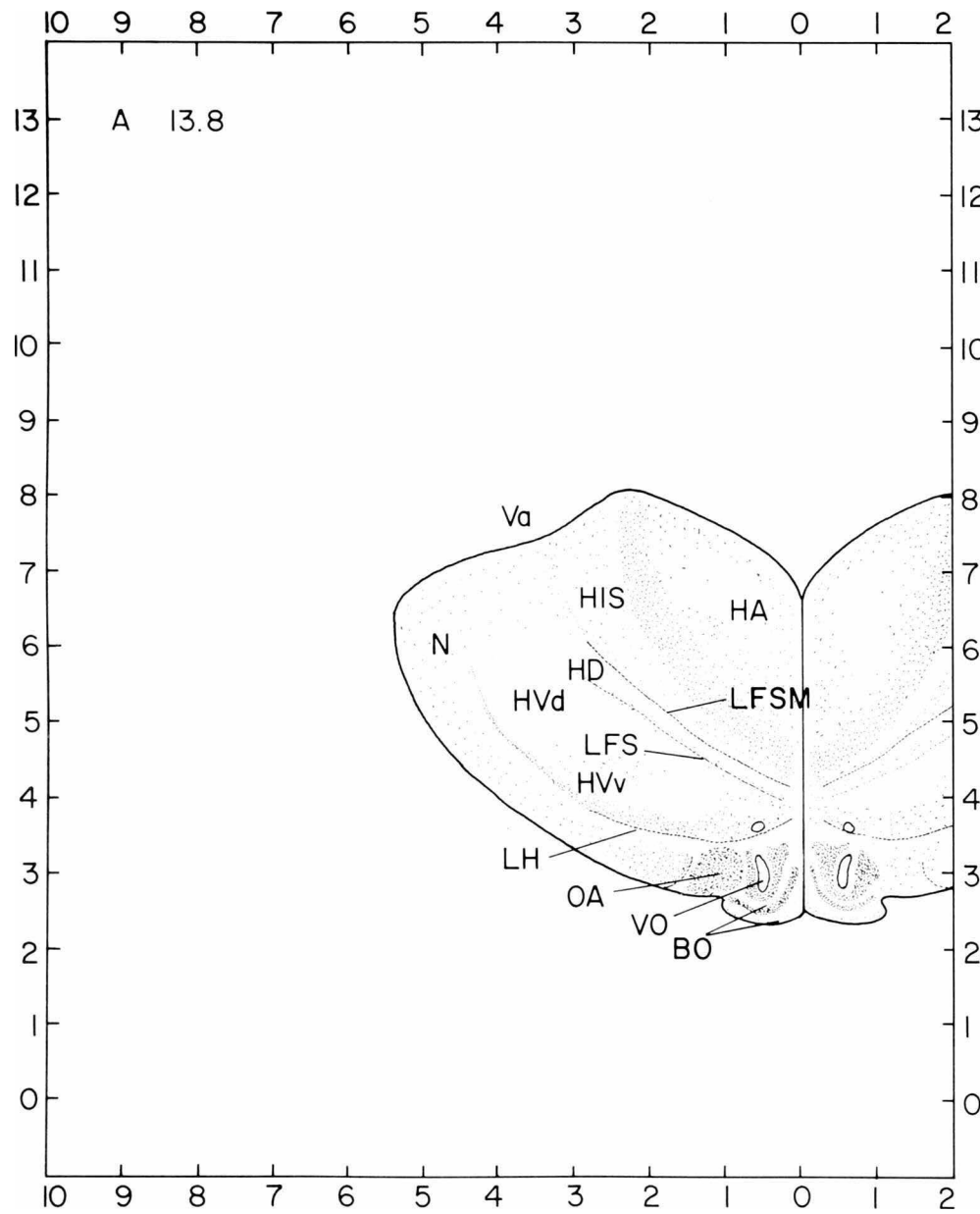
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- CPP Cortex prepiriformis
- HA Hyperstriatum accessorium
- HD Hyperstriatum dorsale
- HIS Hyperstriatum intercalatum supremum
- HV Hyperstriatum ventrale
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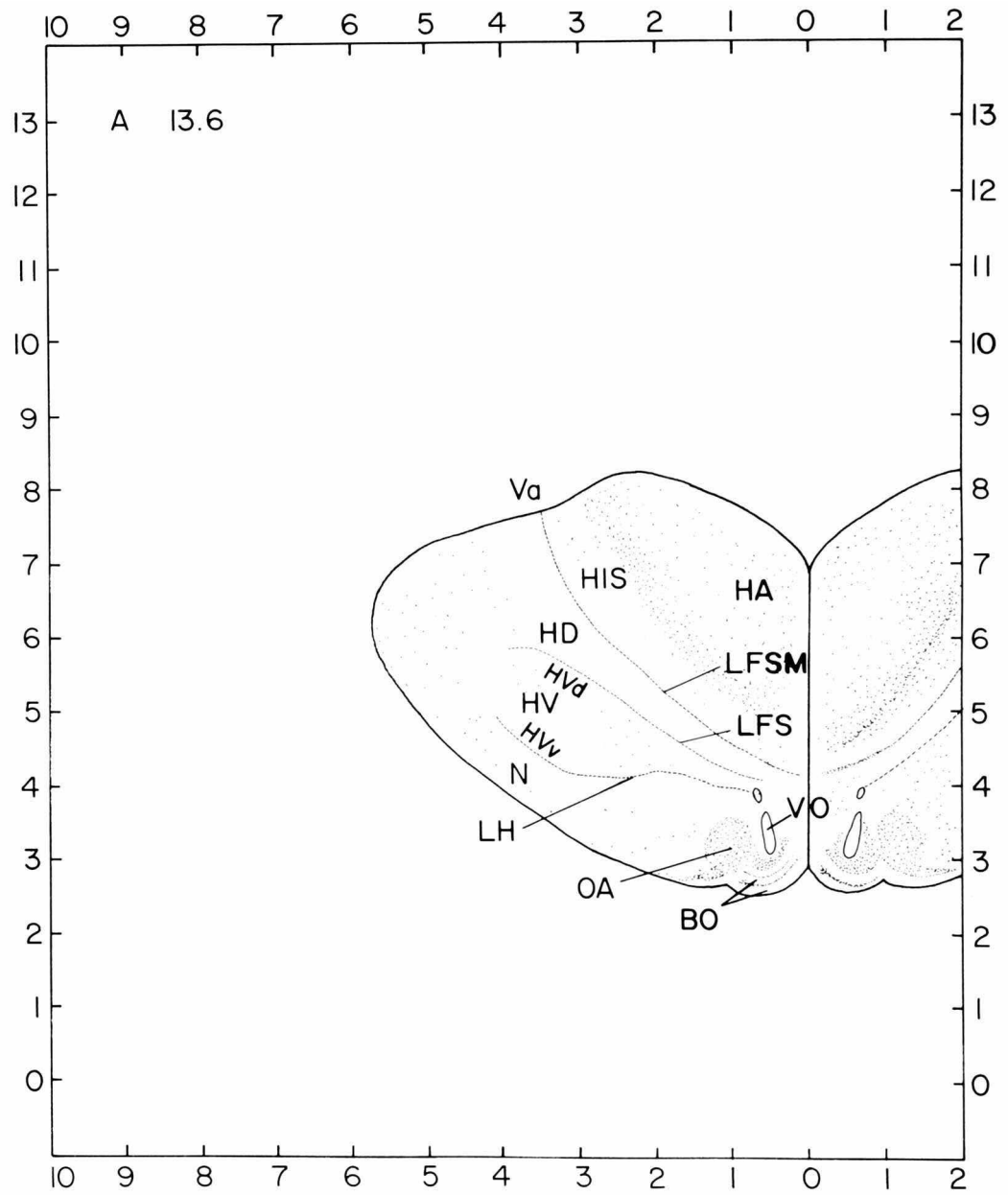
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- LH Lamina hyperstriatica
- N Neostriatum
- OA Nucleus olfactorius anterior
- Va Valleculela telencephali
- VO Ventriculus olfactorius

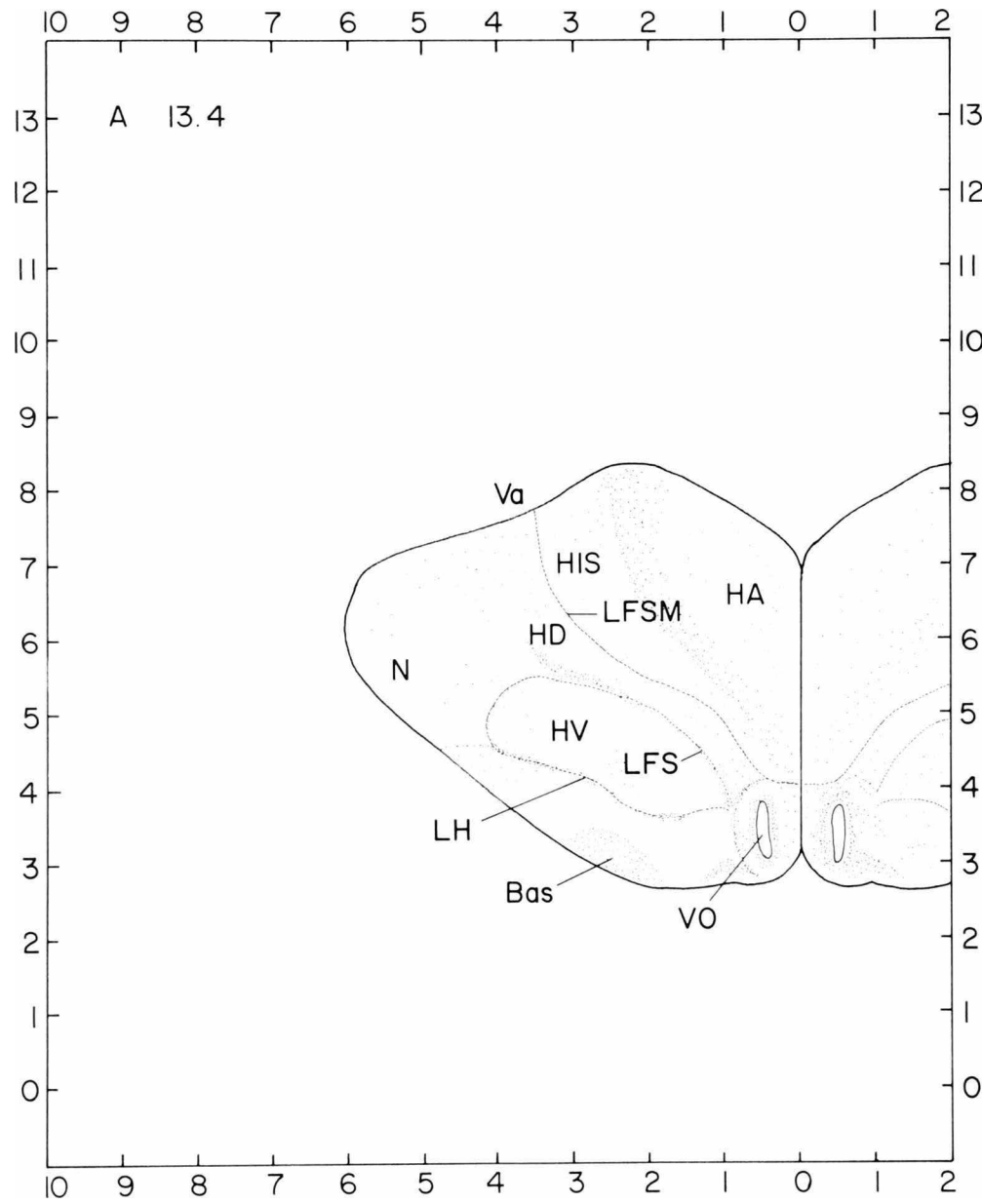




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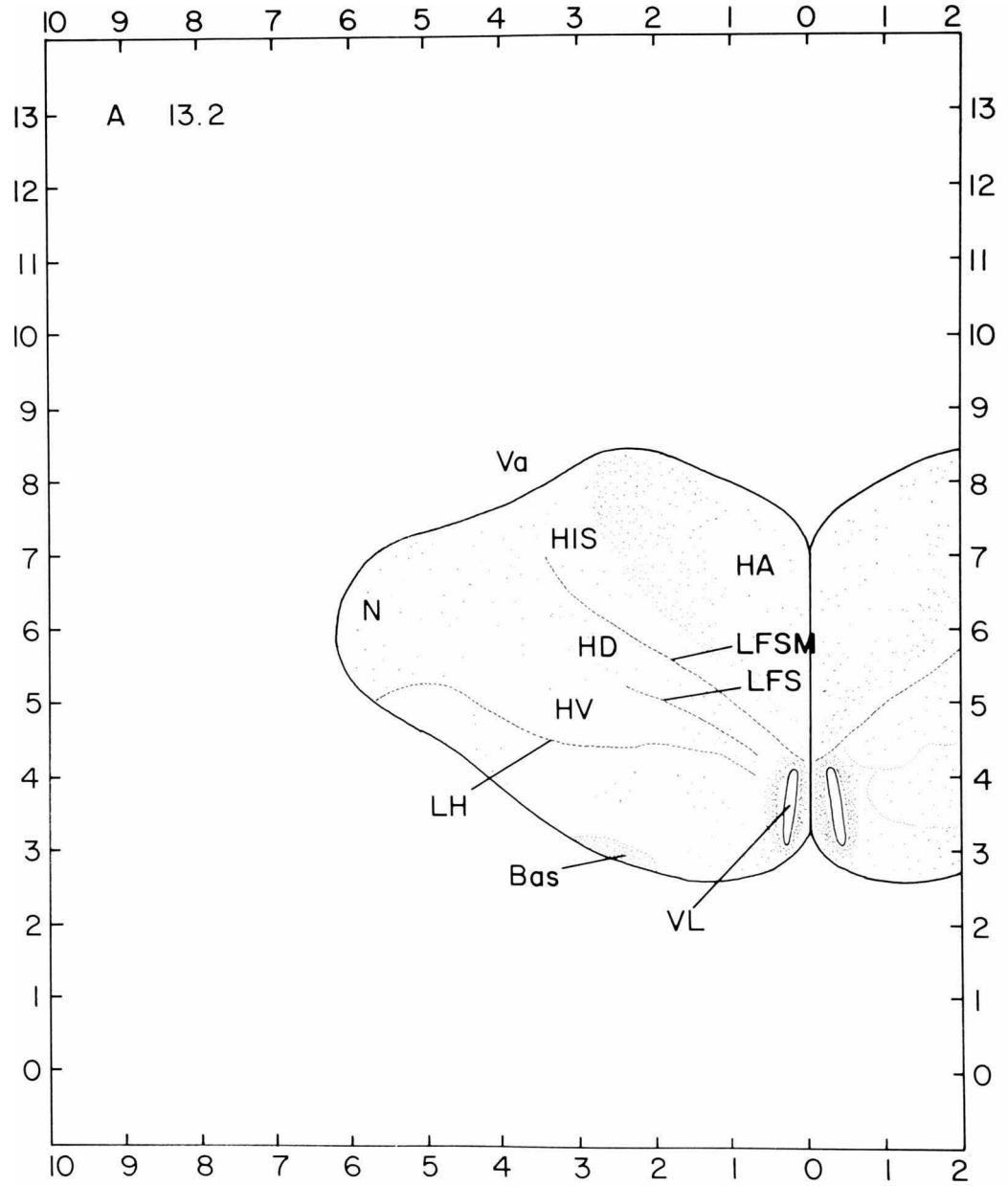
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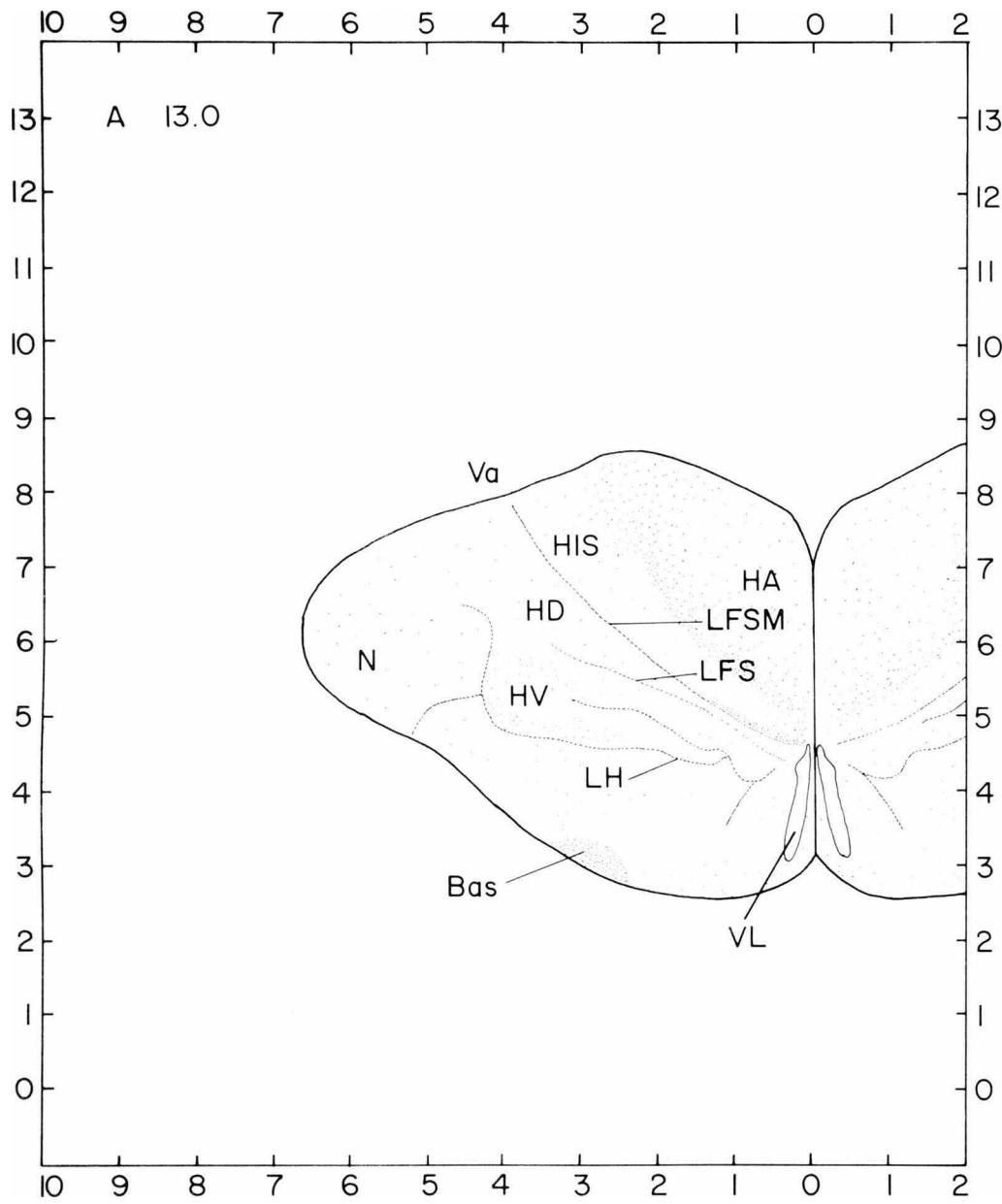




- Bas Nucleus basalis
- HA Hyperstriatum accessorium
- HD Hyperstriatum dorsale
- HIS Hyperstriatum intercalatum supremum
- HV Hyperstriatum ventrale
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- N Neostriatum
- Va Vallecula telencephali
- VO Ventriculus olfactorius

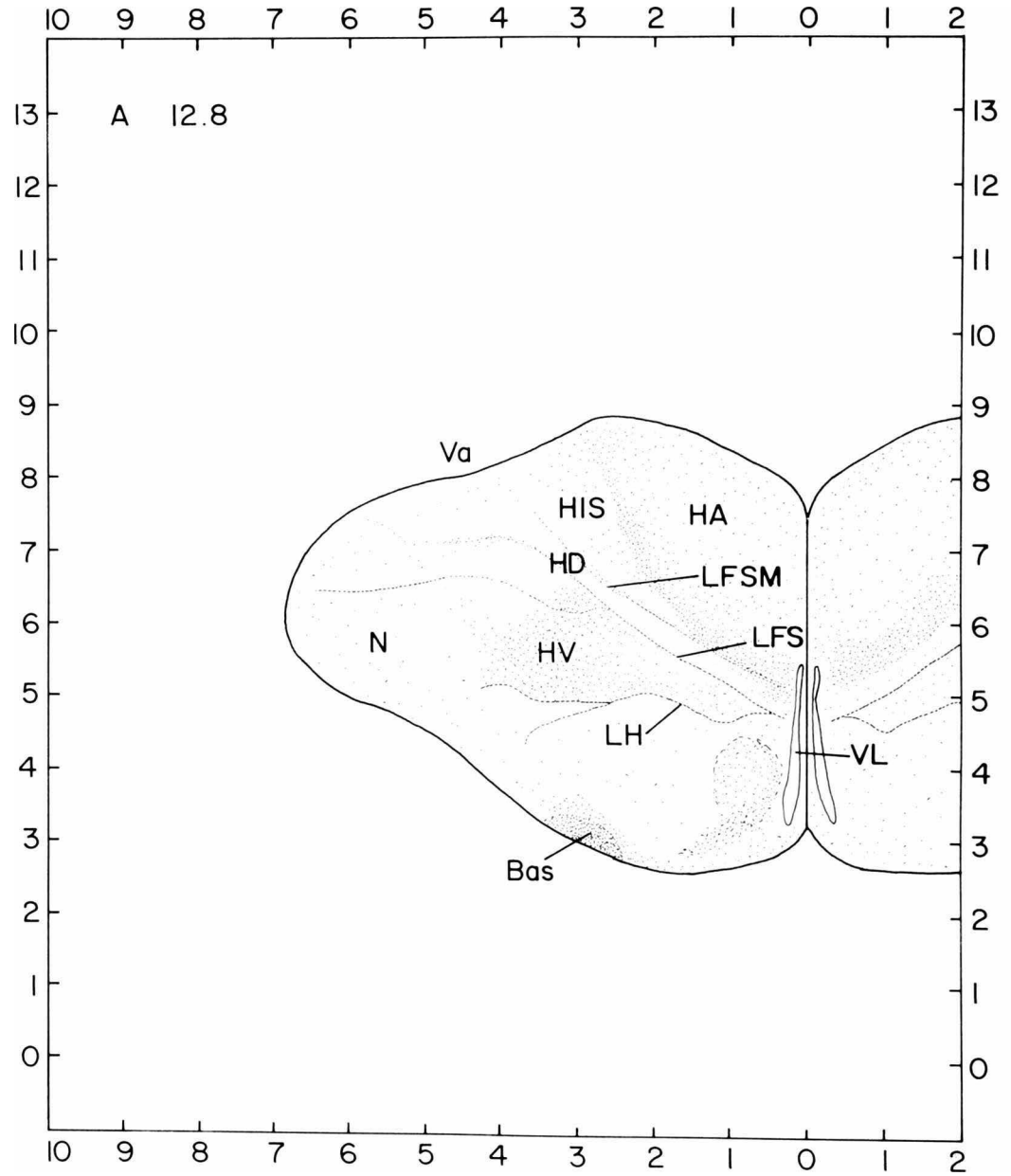
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- HD Hyperstriatum dorsale
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- HV Hyperstriatum ventrale
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- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- N Neostriatum
- Va Valleculela telencephali
- VL Ventriculus lateralis

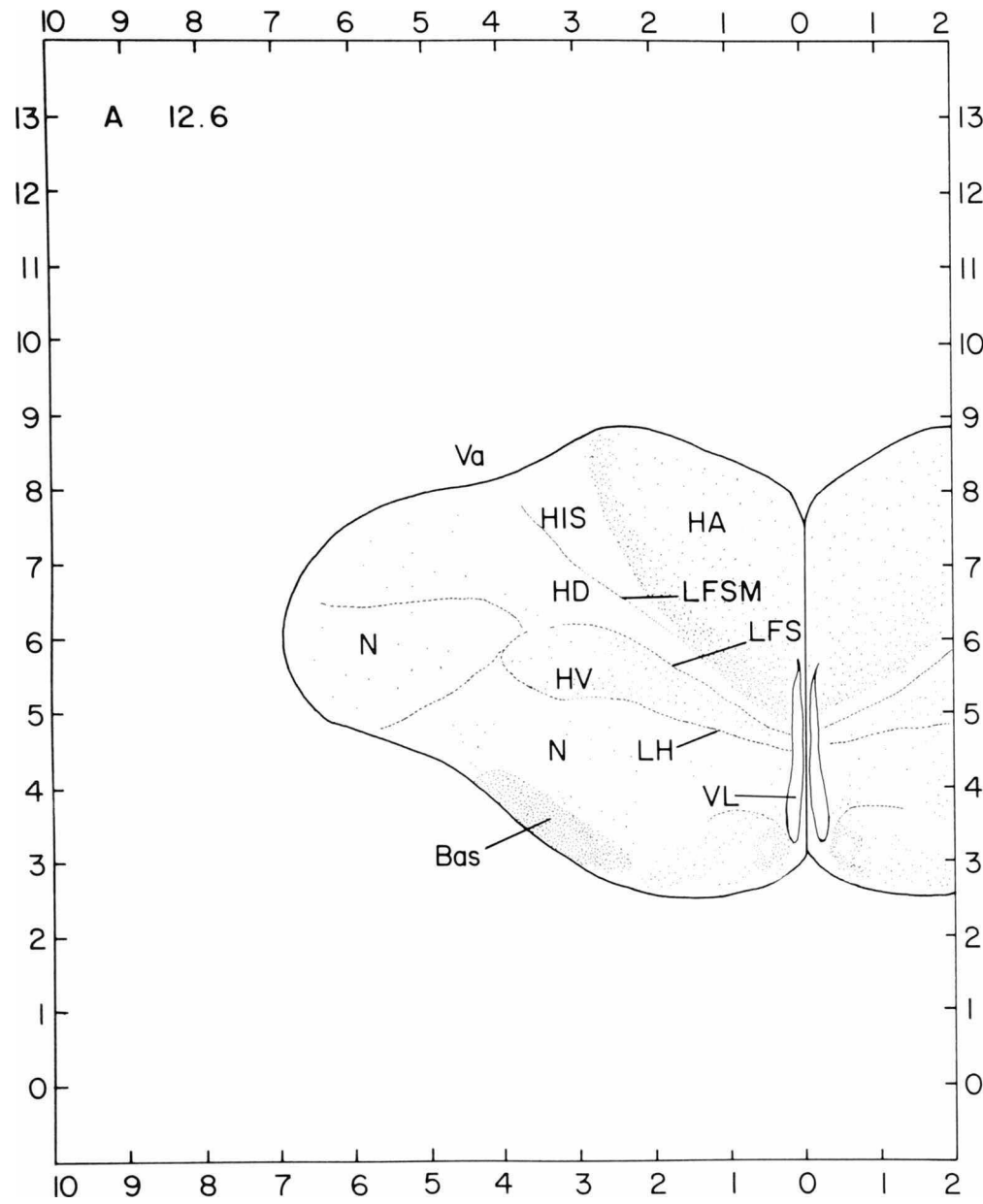




- Bas Nucleus basalis
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- HD Hyperstriatum dorsale
- HIS Hyperstriatum intercalatum supremum
- HV Hyperstriatum ventrale
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- N Neostriatum
- Va Vallecule telencephali
- VL Ventriculus lateralis

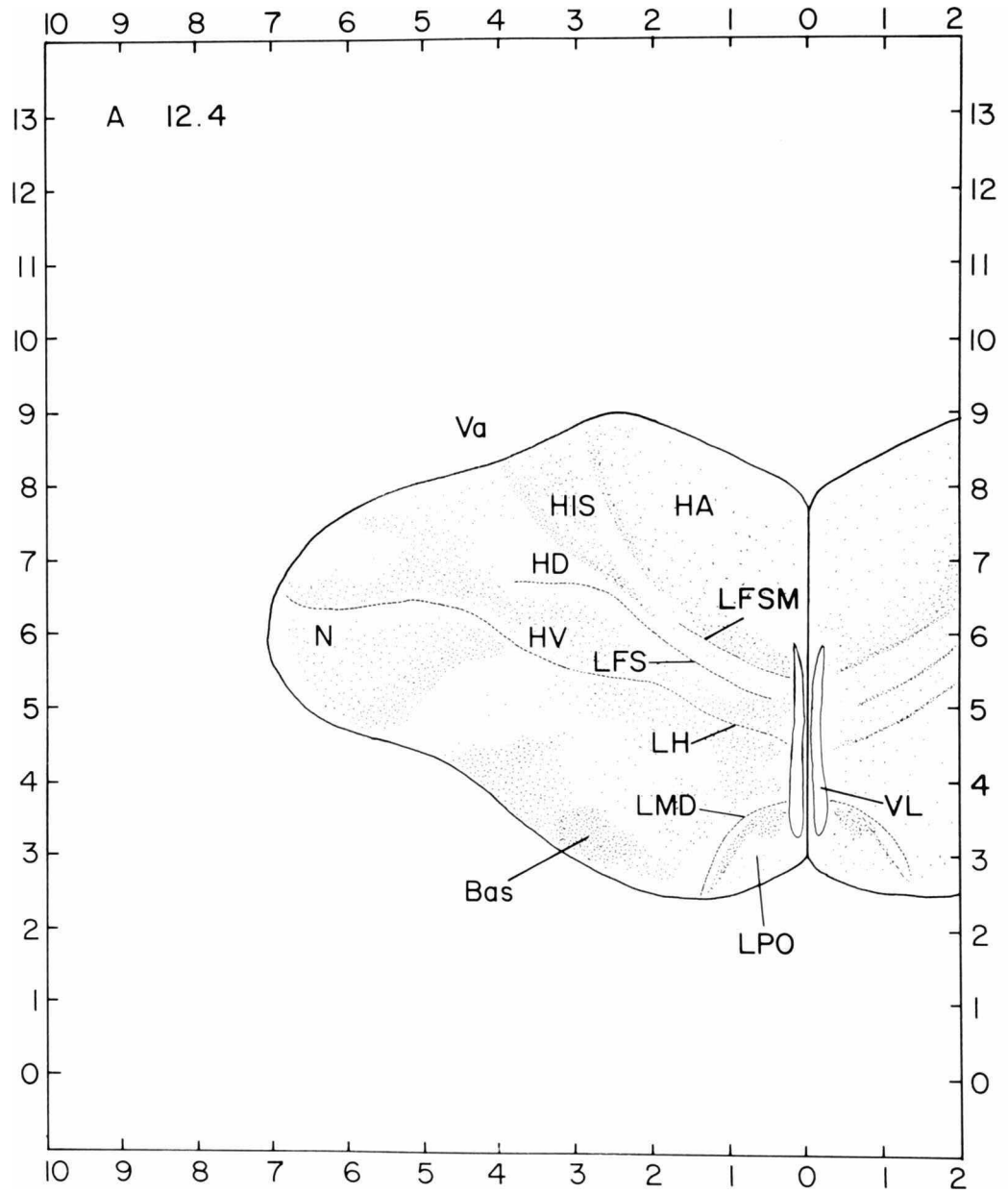
- Bas Nucleus basalis
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- LH Lamina hyperstriatica
- N Neostriatum
- Va Vallicula telencephali
- VL Ventriculus lateralis

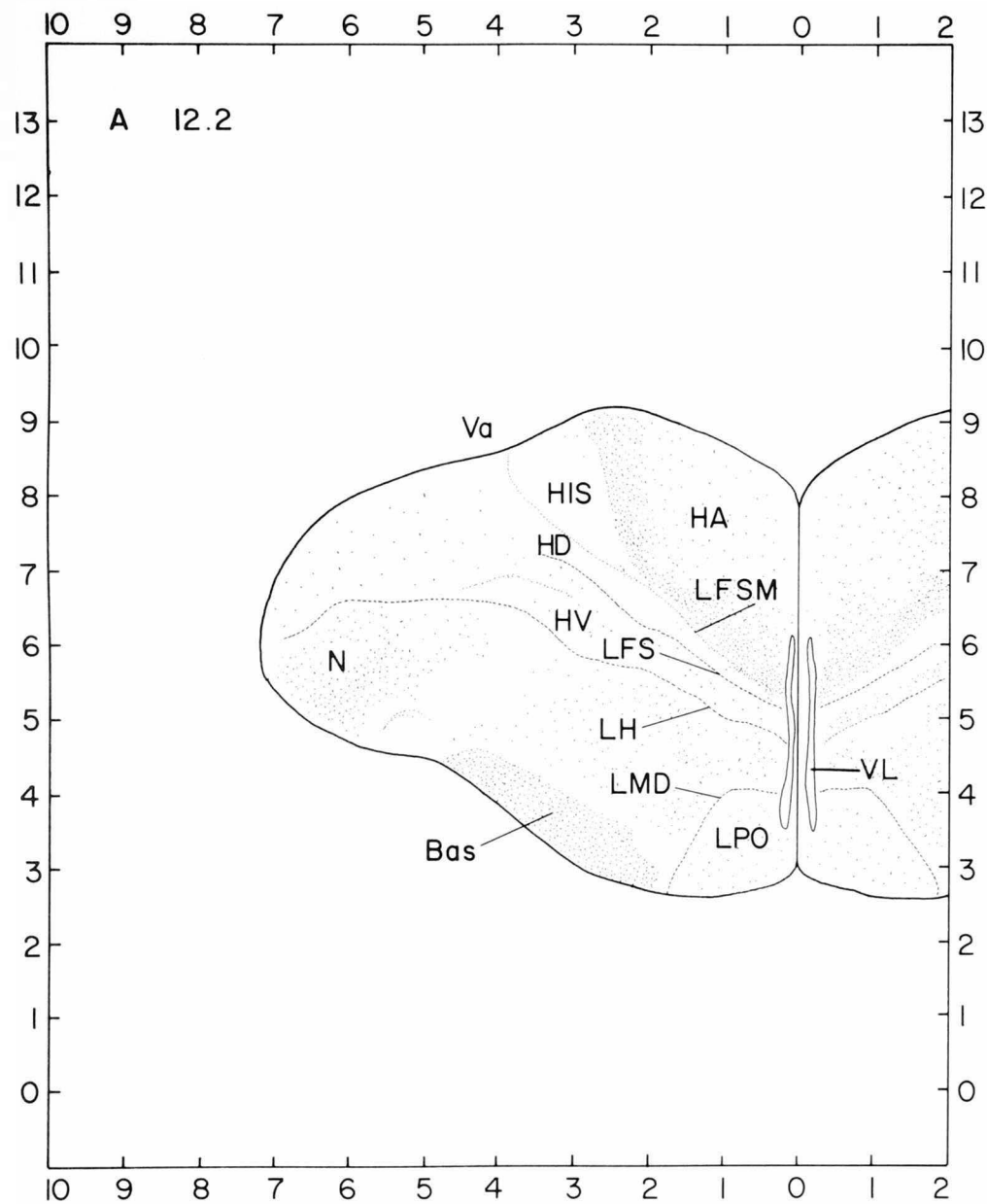




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- LH Lamina hyperstriatica
- N Neostriatum
- Va Vallecula telencephali
- VL Ventriculus lateralis

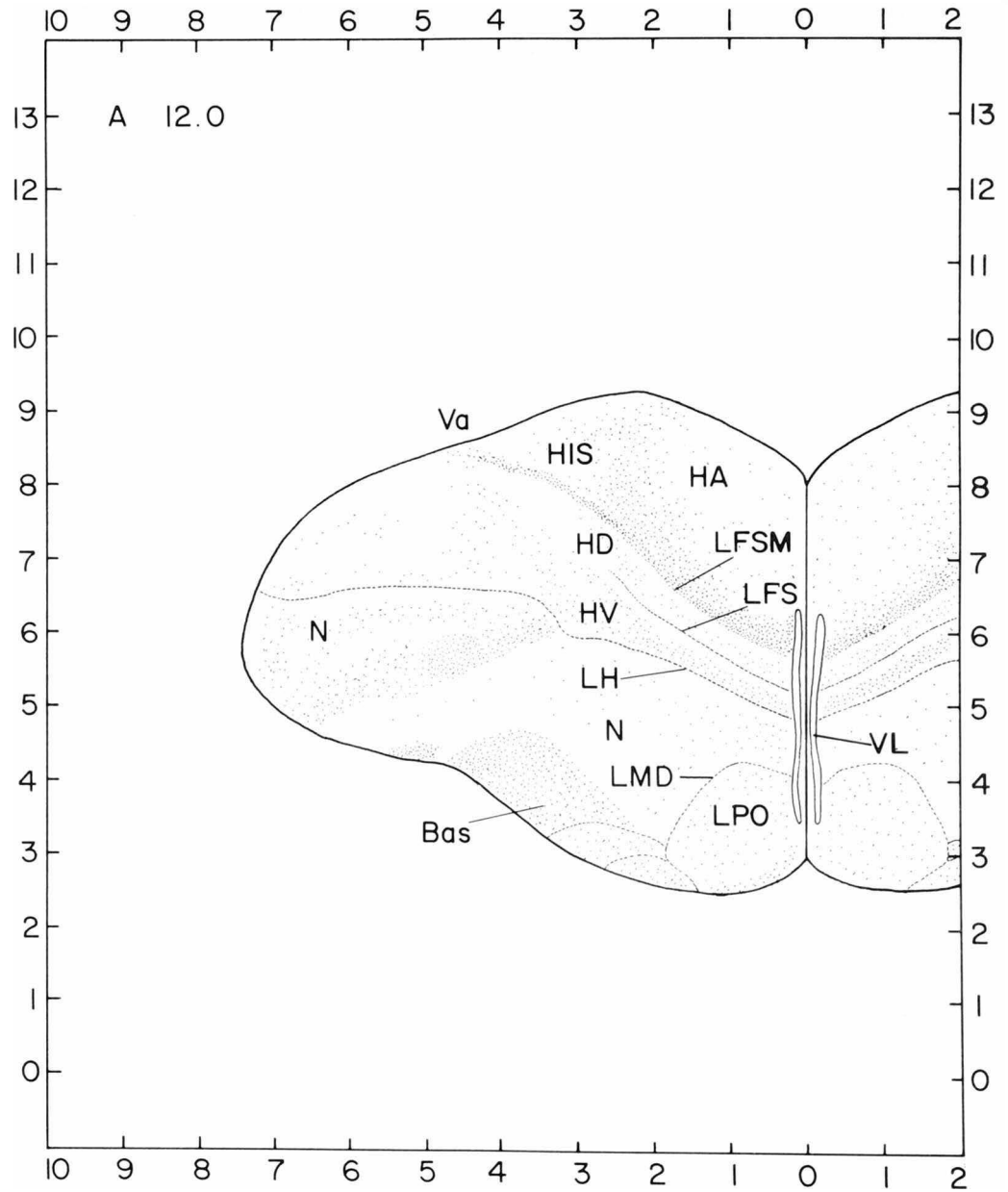
- Bas Nucleus basalis
- HA Hyperstriatum accessorium
- HD Hyperstriatum dorsale
- HIS Hyperstriatum intercalatum supremum
- HV Hyperstriatum ventrale
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- LMD Lamina medullaris dorsalis
- LPO Lobus parolfactorius
- N Neostriatum
- Va Valleculla telencephali
- VL Ventriculus lateralis

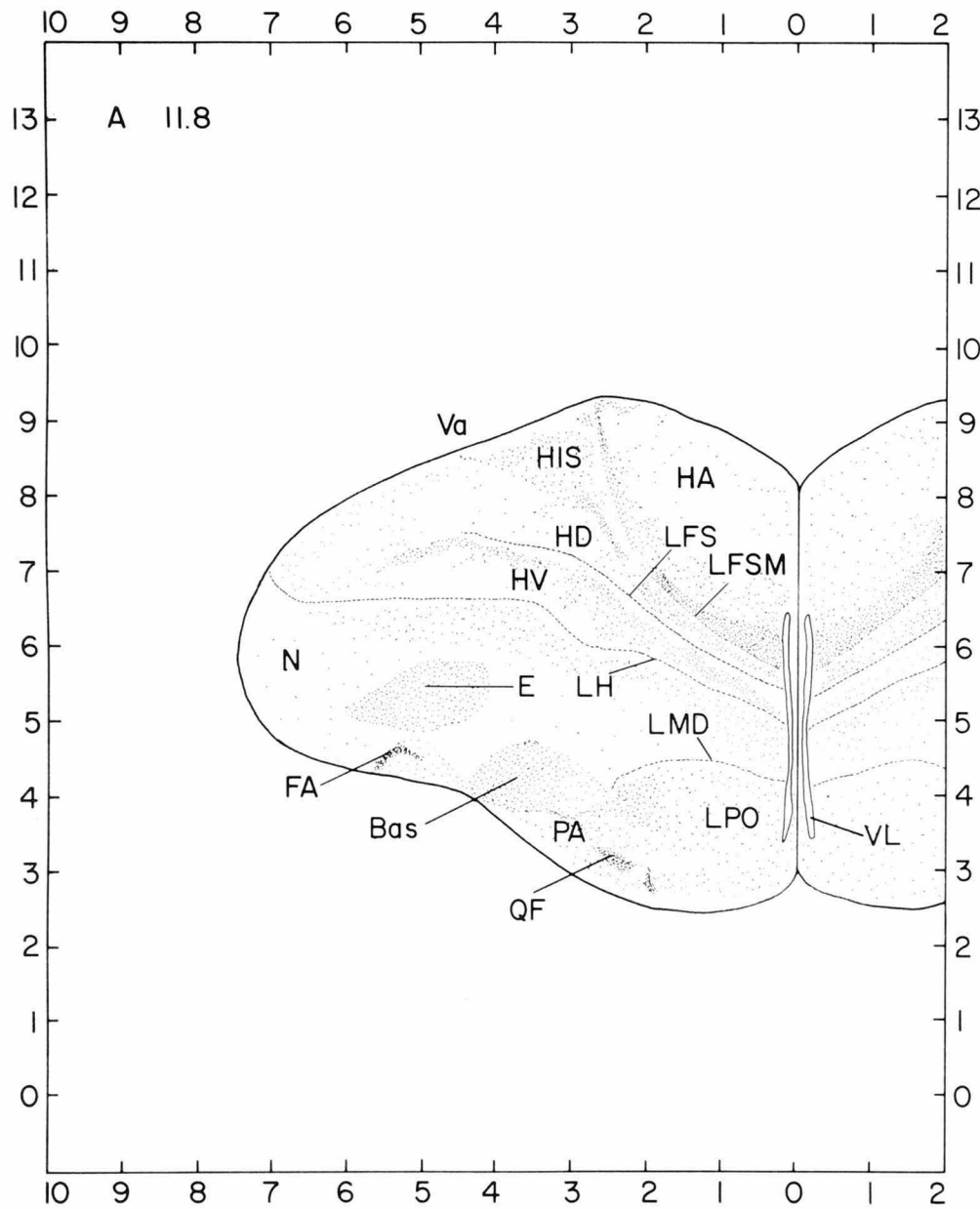




- Bas Nucleus basalis
- HA Hyperstriatum accessorium
- HD Hyperstriatum dorsale
- HIS Hyperstriatum intercalatum supremum
- HV Hyperstriatum ventrale
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- LMD Lamina medullaris dorsalis
- LPO Lobus parolfactorius
- N Neostriatum
- Va Vallecule telencephali
- VL Ventriculus lateralis

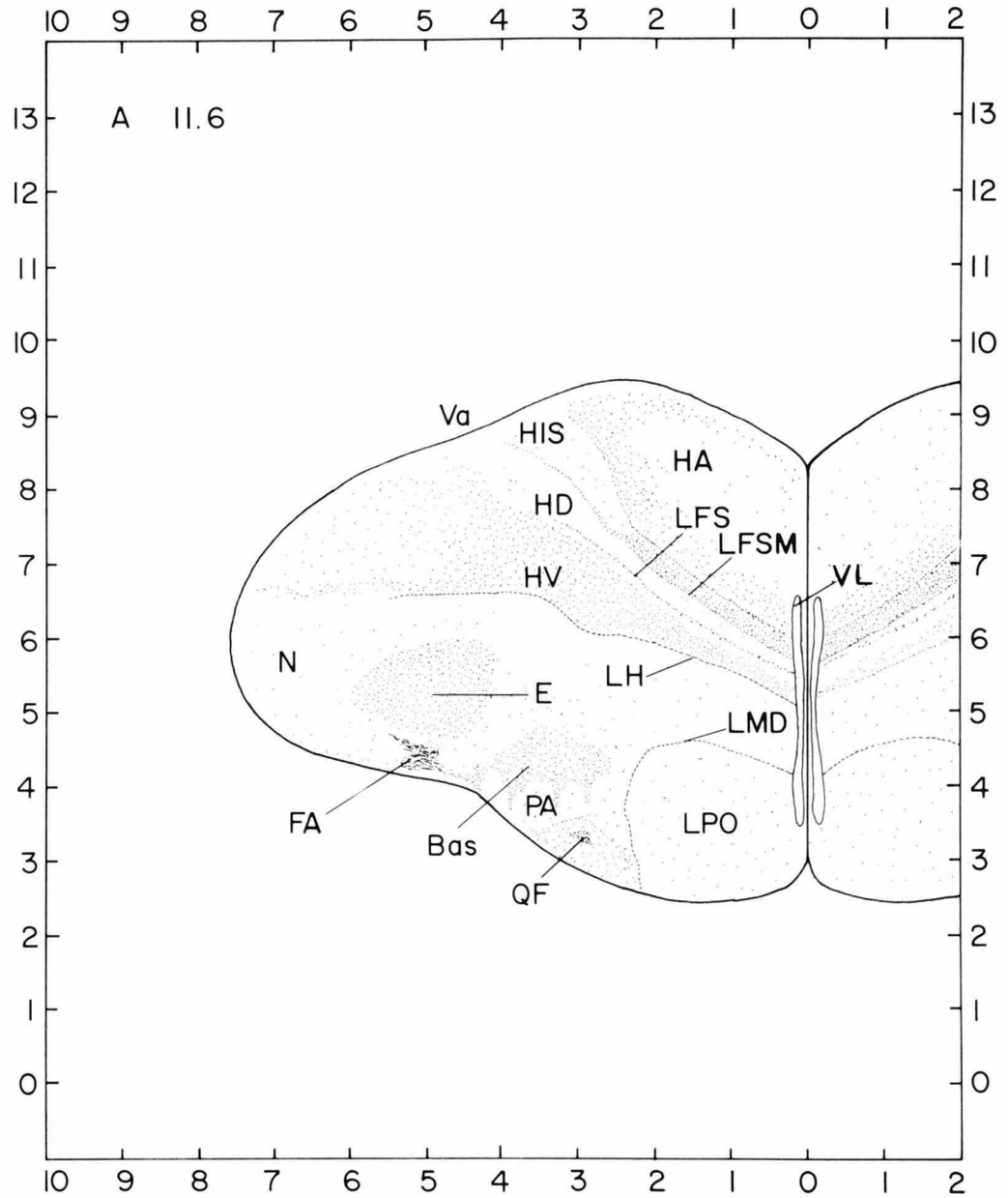
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- HD Hyperstriatum dorsale
- HIS Hyperstriatum intercalatum supremum
- HV Hyperstriatum ventrale
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- LMD Lamina medullaris dorsalis
- LPO Lobus parolfactorius
- N Neostriatum
- Va Vallicula telencephali
- VL Ventriculus lateralis

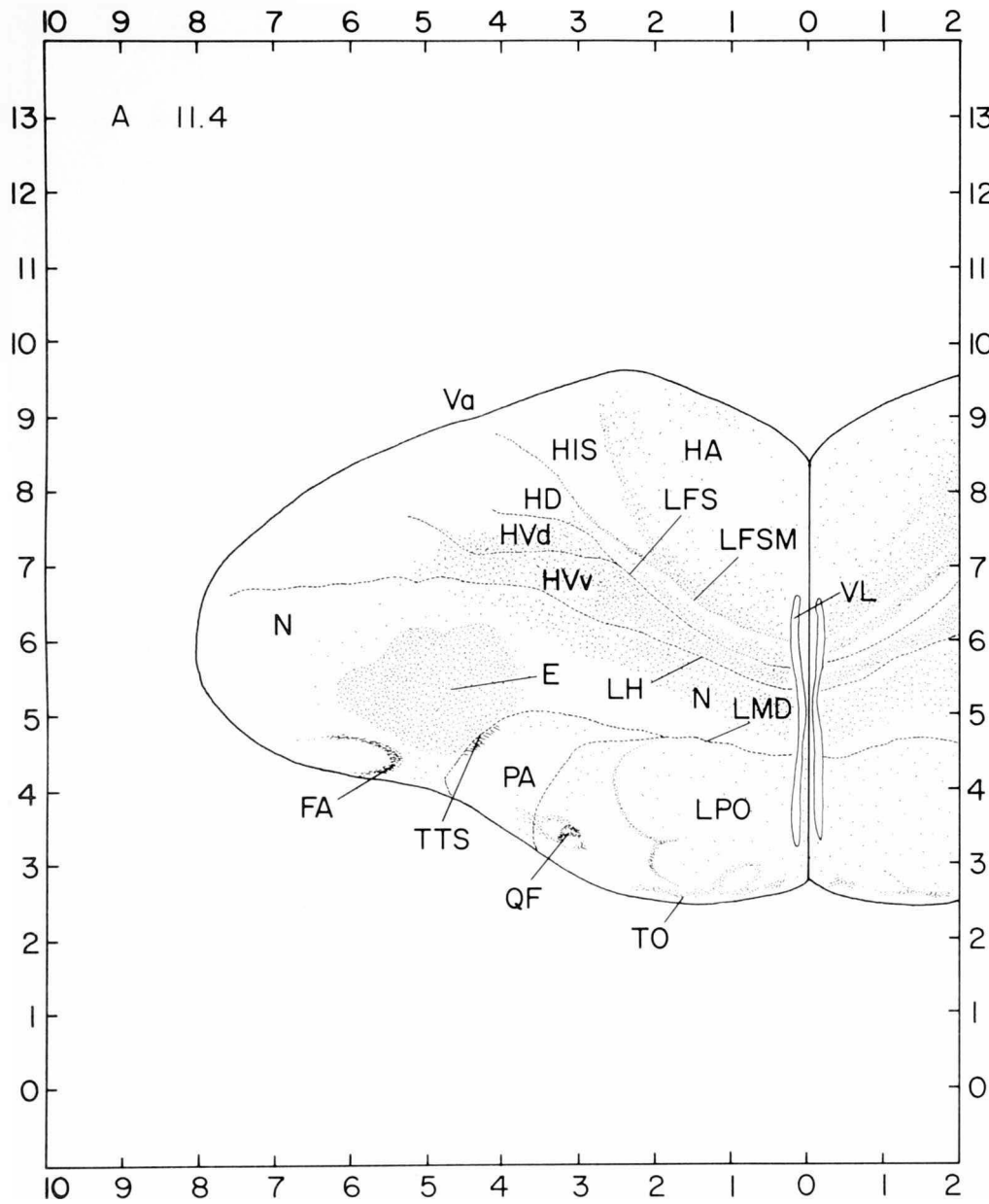




- Bas Nucleus basalis
- E Ectoatrium
- FA Tractus fronto-archistriaticus
- HA Hyperstriatum accessorium
- HD Hyperstriatum dorsale
- HIS Hyperstriatum intercalatum supremum
- HV Hyperstriatum ventrale
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- LMD Lamina medullaris dorsalis
- LPO Lobus parolfactorius
- N Neostriatum
- PA Paleostriatum augmentatum (Caudate putamen)
- QF Tractus quinfofrontalis
- Va Valecula telencephali
- VL Ventriculus lateralis

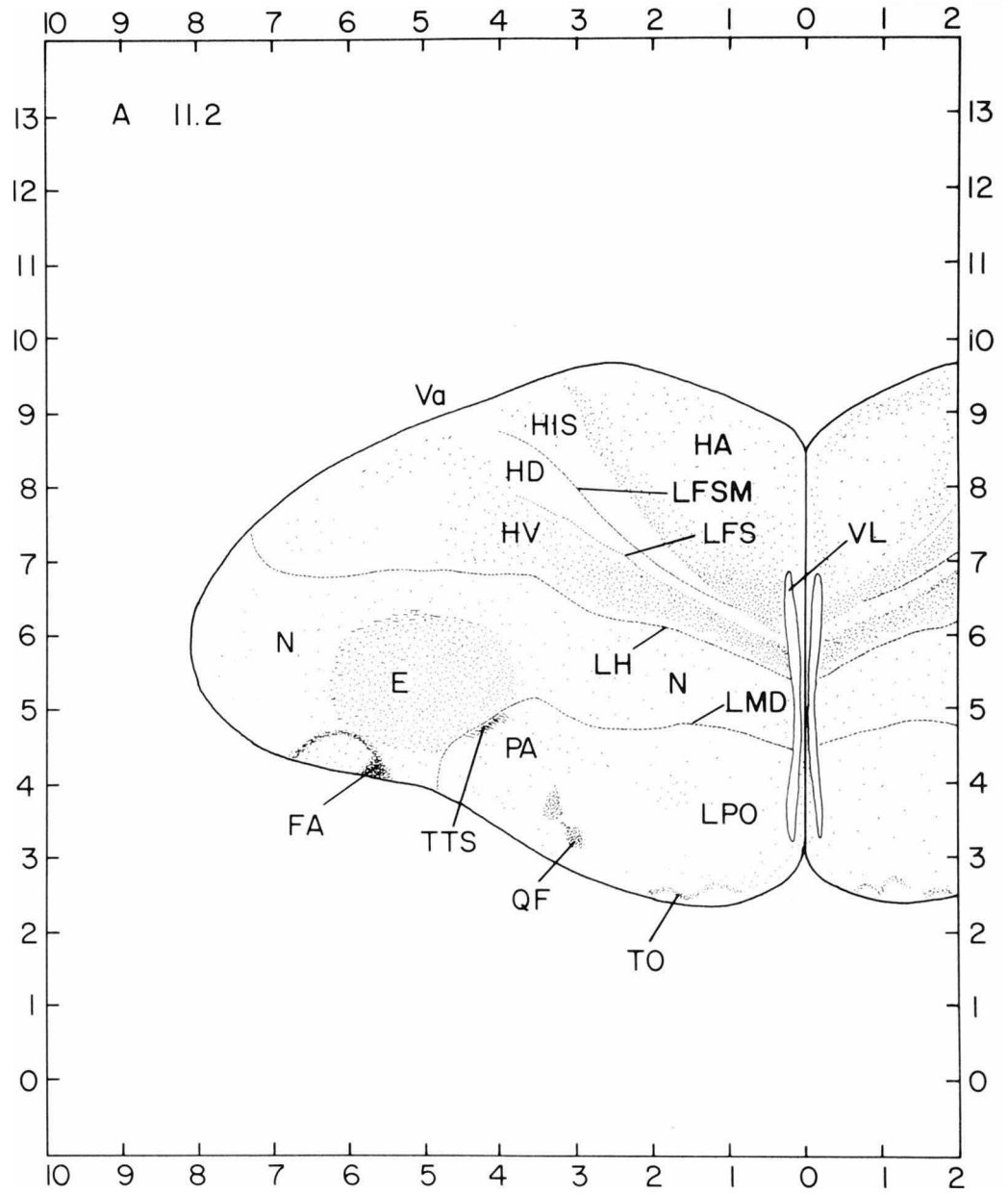
- Bas Nucleus basalis
- E Ectostriatum
- FA Tractus fronto-archistriaticus
- HA Hyperstriatum accessorium
- HD Hyperstriatum dorsale
- HIS Hyperstriatum intercalatum supremum
- HV Hyperstriatum ventrale
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- LMD Lamina medullaris dorsalis
- LPO Lobus parolfactorius
- N Neostriatum
- PA Paleostriatum augmentatum (Caudate putamen)
- QF Tractus quintofrontalis
- Va Vallicula telencephali
- VL Ventriculus lateralis

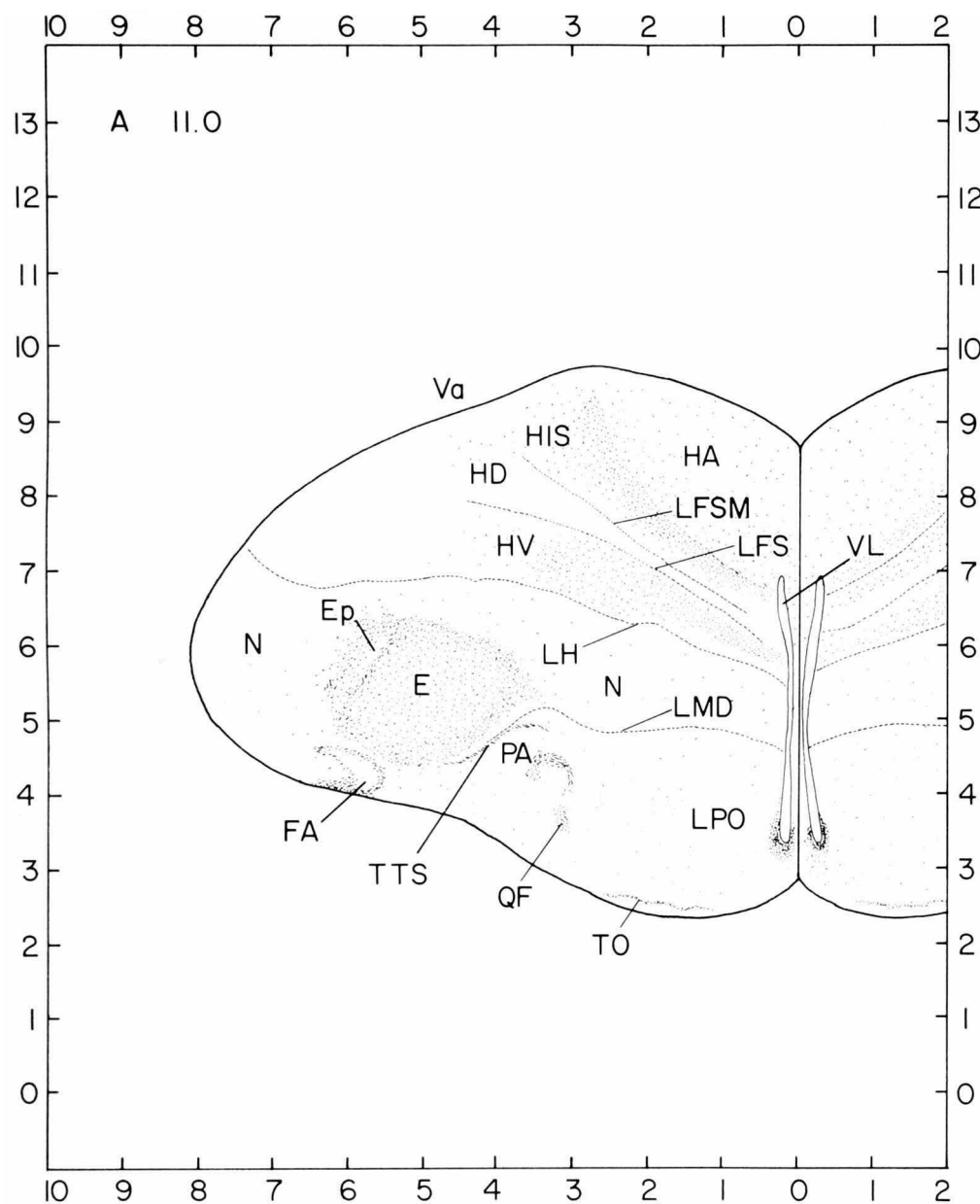




- E Ectostriatum
- FA Tractus fronto-archistriaticus
- HA Hyperstriatum accessorium
- HD Hyperstriatum dorsale
- HIS Hyperstriatum intercalatum supremum
- HVd Hyperstriatum ventrale, pars dorsalis
- HVv Hyperstriatum ventrale, pars ventralis
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- LMD Lamina medullaris dorsalis
- LPO Lobus parolfactorius
- N Neostriatum
- PA Paleostriatum augmentatum (Caudate putamen)
- QF Tractus quintofrontalis
- TO Tuberculum olfactorium
- TTS Tractus thalamostriaticus
- Va Vallecule telencephali
- VL Ventriculus lateralis

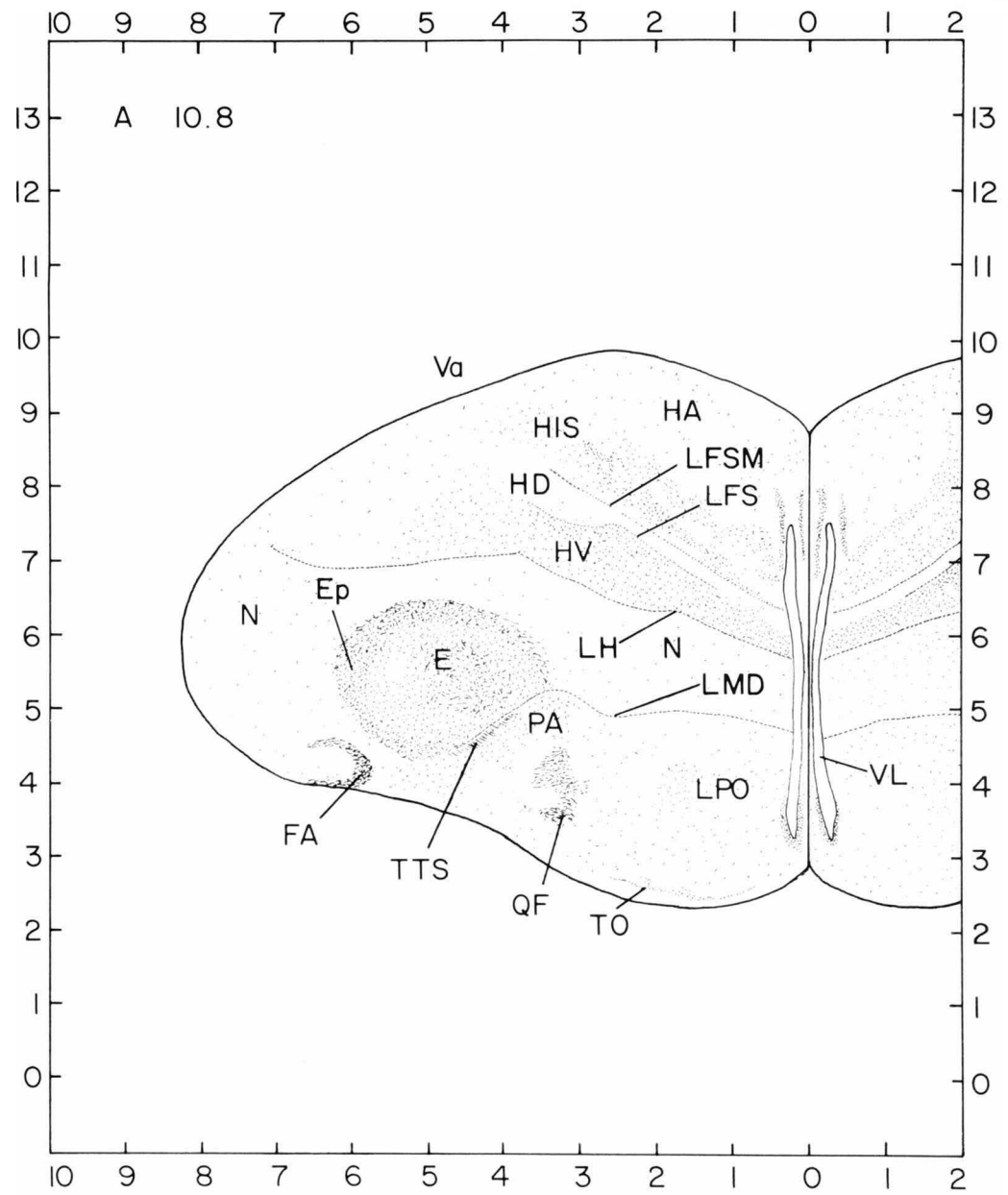
- E Ectostriatum
- FA Tractus fronto-archistriaticus
- HA Hyperstriatum accessorium
- HD Hyperstriatum dorsale
- HIS Hyperstriatum intercalatum supremum
- HV Hyperstriatum ventrale
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- LMD Lamina medullaris dorsalis
- LPO Lobus parolfactorius
- N Neostriatum
- PA Paleostriatum augmentatum (Caudate putamen)
- QF Tractus quinfofrontalis
- TO Tuberculum olfactorium
- TTS Tractus thalamostriaticus
- Va Vallicula telencephali
- VL Ventriculus lateralis

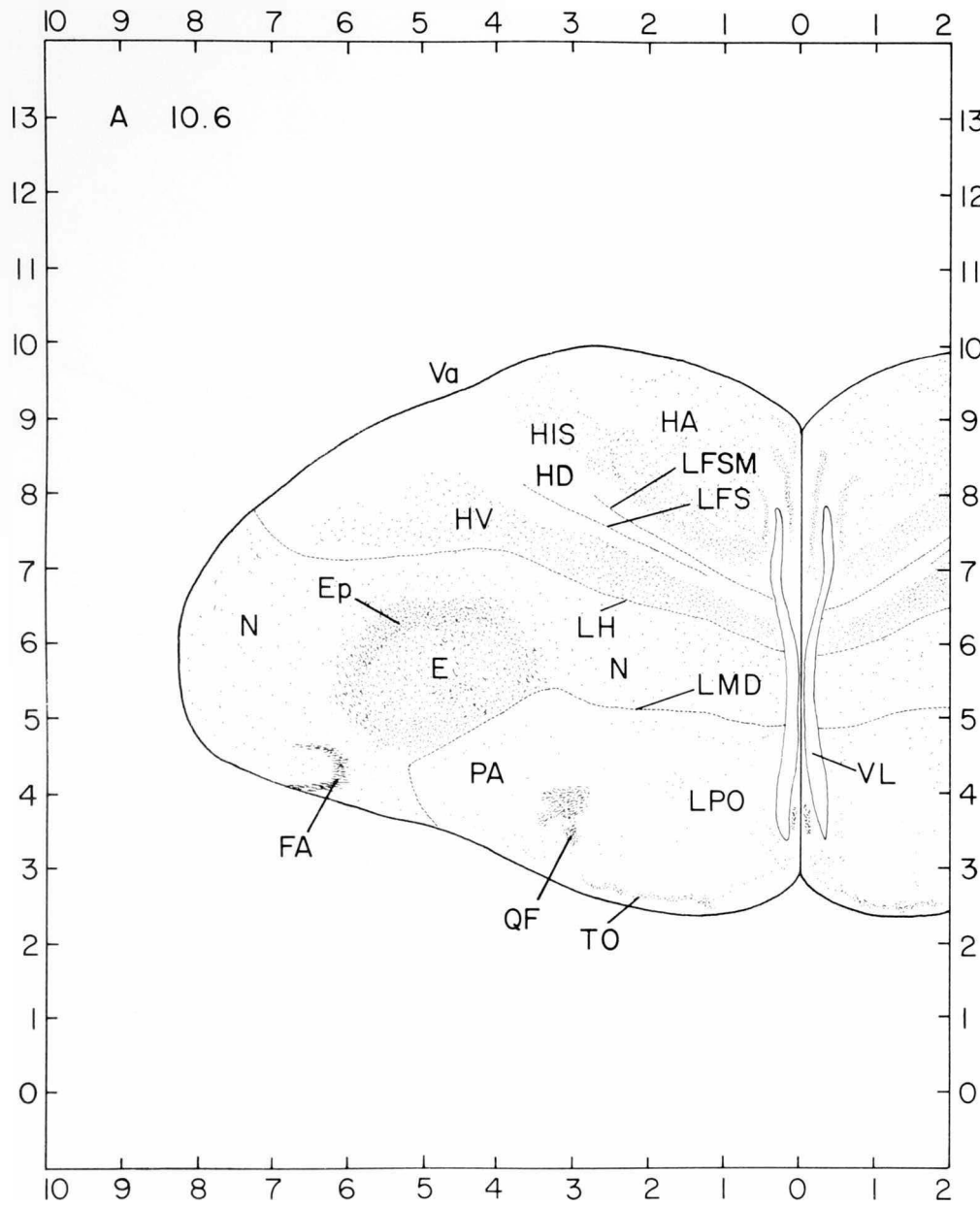




- E Ectostriatum
- Ep Cingulum periestriale (Periestriatal belt)
- FA Tractus fronto-archistriaticus
- HA Hyperstriatum accessorium
- HD Hyperstriatum dorsale
- HIS Hyperstriatum intercalatum supremum
- HV Hyperstriatum ventrale
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- LMD Lamina medullaris dorsalis
- LPO Lobus parolfactorius
- N Neostriatum
- PA Paleostriatum augmentatum (Caudate putamen)
- QF Tractus quintofrontalis
- TO Tuberculum olfactorium
- TTS Tractus thalamostriaticus
- Va Vallecule telencephali
- VL Ventriculus lateralis

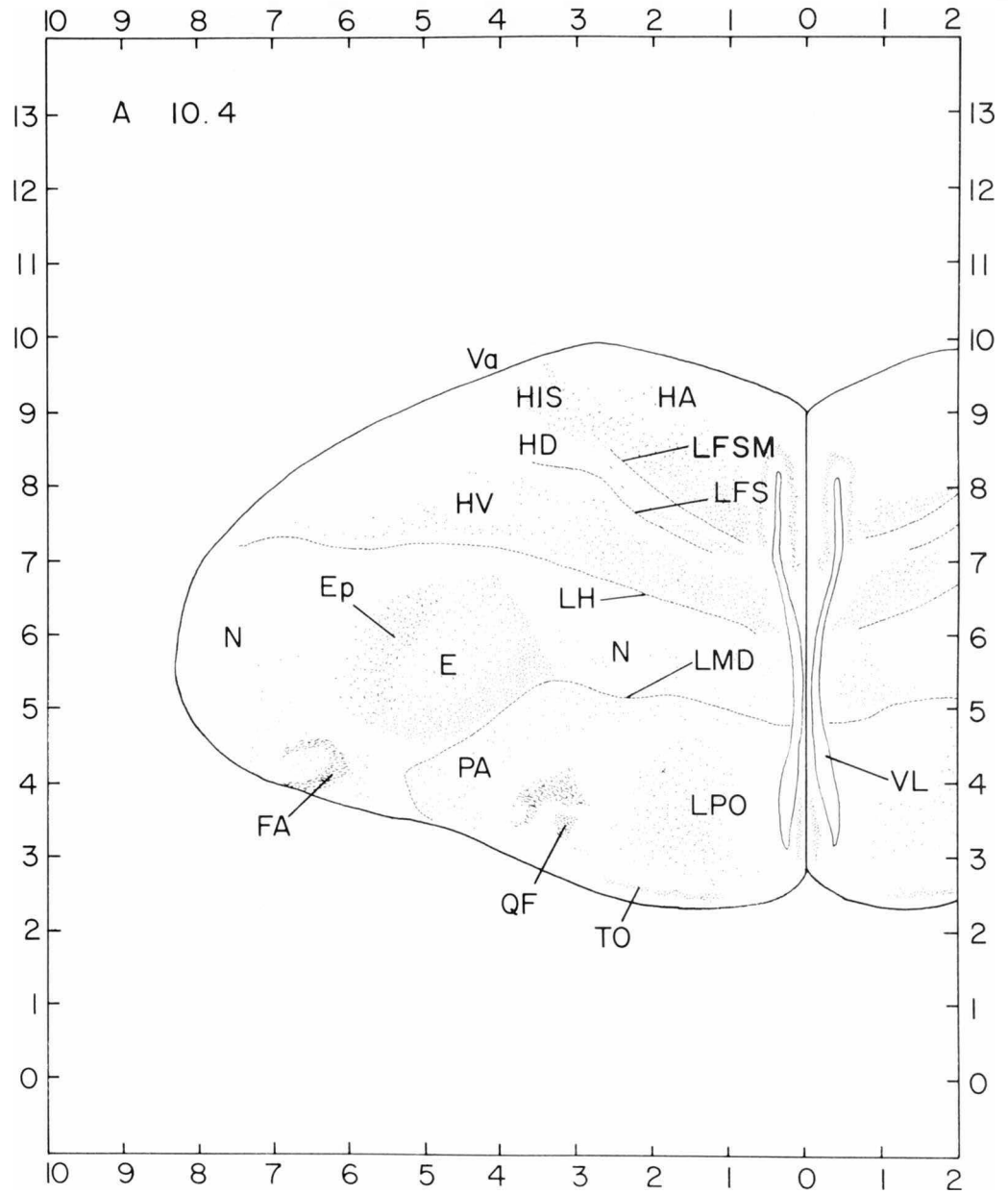
- E Ectostriatum
- Ep Cingulum periecostriatale (Periecostriatal belt)
- FA Tractus fronto-archistriaticus
- HA Hyperstriatum accessorium
- HD Hyperstriatum dorsale
- HIS Hyperstriatum intercalatum supremum
- HV Hyperstriatum ventrale
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- LMD Lamina medullaris dorsalis
- LPO Lobus parolfactorius
- N Neostriatum
- PA Paleostriatum augmentatum (Caudate putamen)
- QF Tractus quintofrontalis
- TO Tuberculum olfactorium
- TTS Tractus thalamostriaticus
- Va Vallecule telencephali
- VL Ventriculus lateralis

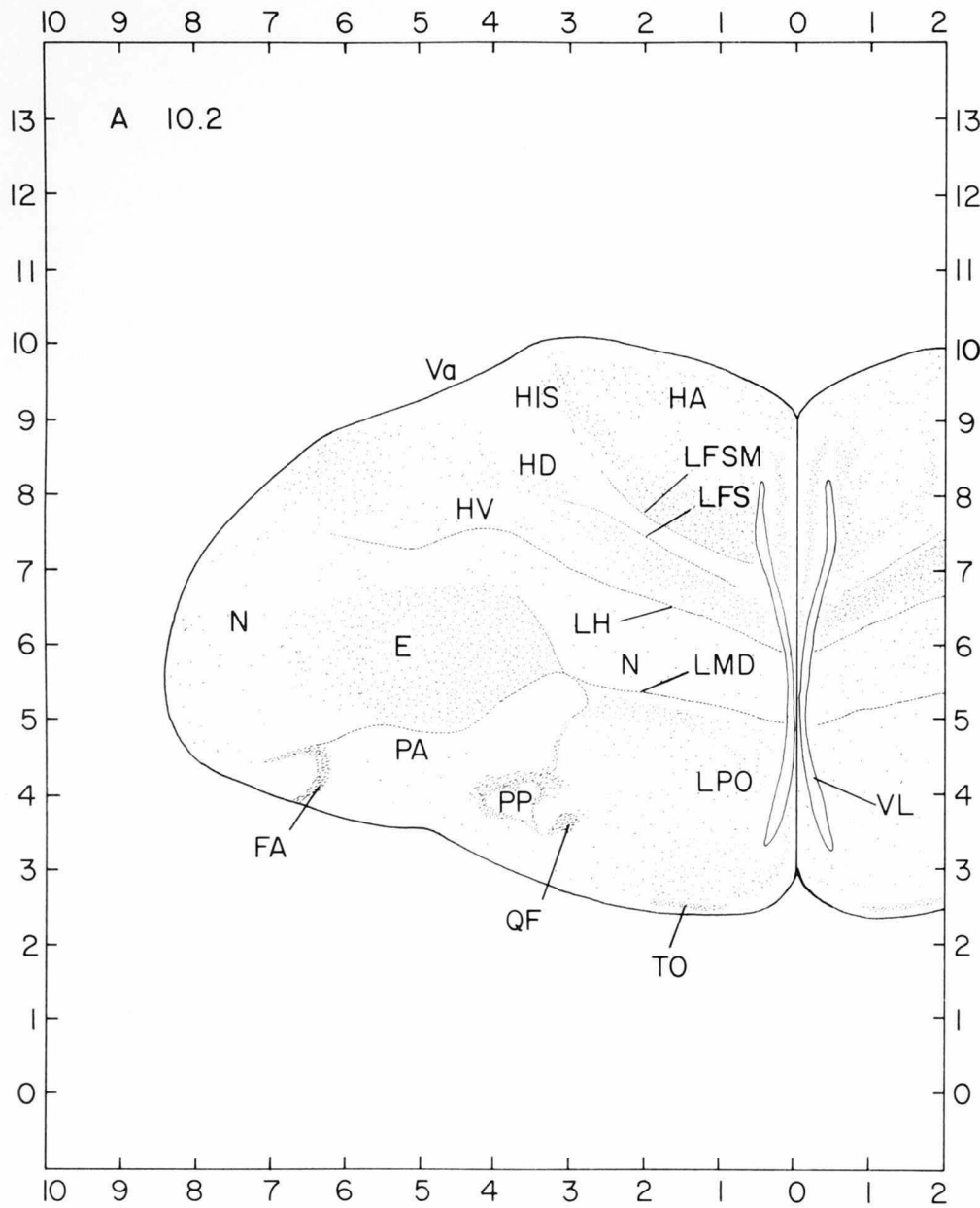




- E Ectostriatum
- Ep Cingulum periestriale (Periestriatal belt)
- FA Tractus fronto-archistriaticus
- HA Hyperstriatum accessorium
- HD Hyperstriatum dorsale
- HIS Hyperstriatum intercalatum supremum
- HV Hyperstriatum ventrale
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- LMD Lamina medullaris dorsalis
- LPO Lobus parolfactorius
- N Neostriatum
- PA Paleostriatum augmentatum (Caudate putamen)
- QF Tractus quinfofrontalis
- TO Tuberculum olfactorium
- Va Vallecule telencephali
- VL Ventriculus lateralis

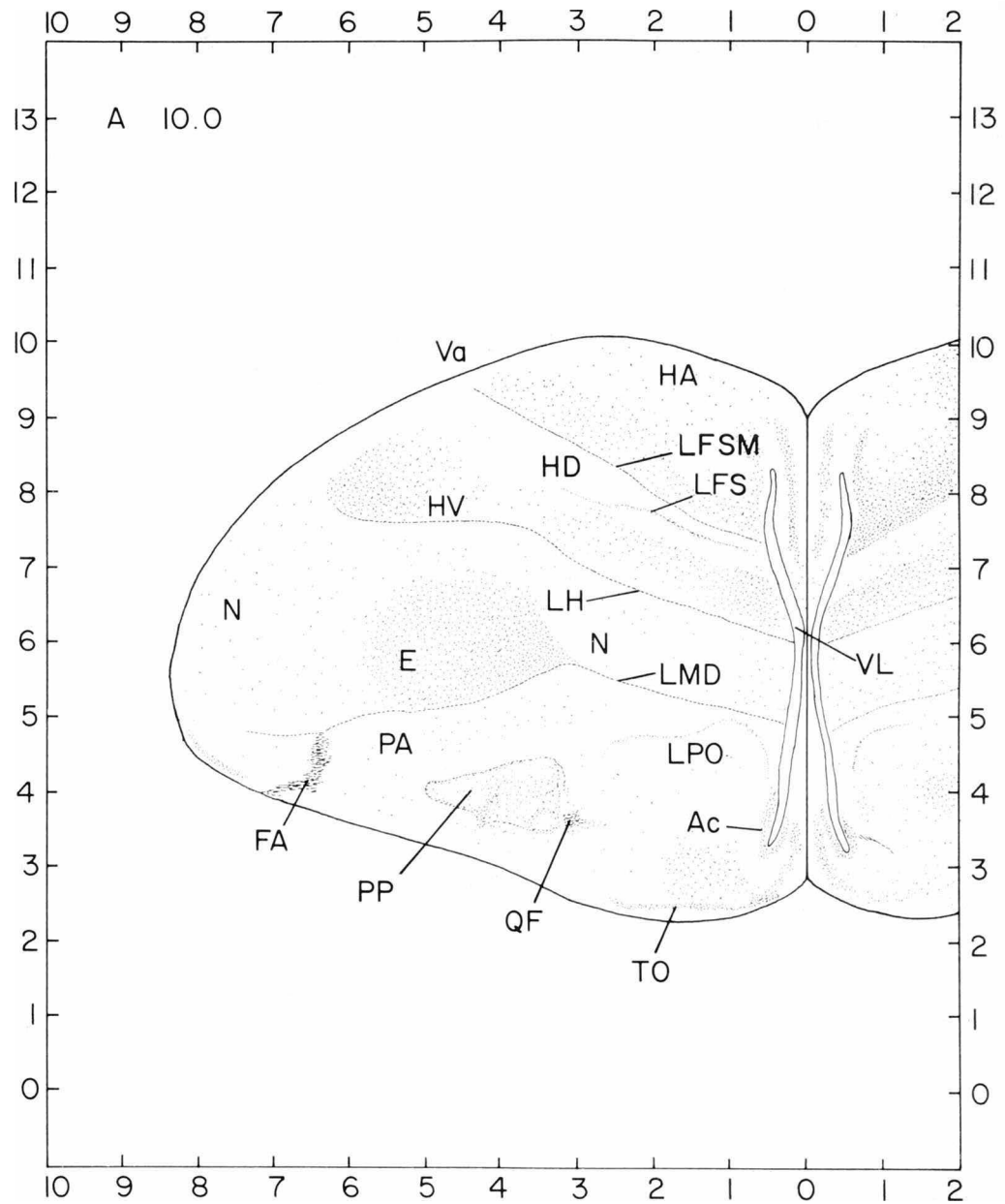
- E Ectostriatum
- Ep Cingulum periecostriatale (Periecostriatal belt)
- FA Tractus fronto-archistriaticus
- HA Hyperstriatum accessorium
- HD Hyperstriatum dorsale
- HIS Hyperstriatum intercalatum supremum
- HV Hyperstriatum ventrale
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- LMD Lamina medullaris dorsalis
- LPO Lobus parolfactorius
- N Neostriatum
- PA Paleostriatum augmentatum (Caudate putamen)
- QF Tractus quintofrontalis
- TO Tuberculum olfactorium
- Va Valleculela telencephali
- VL Ventriculus lateralis

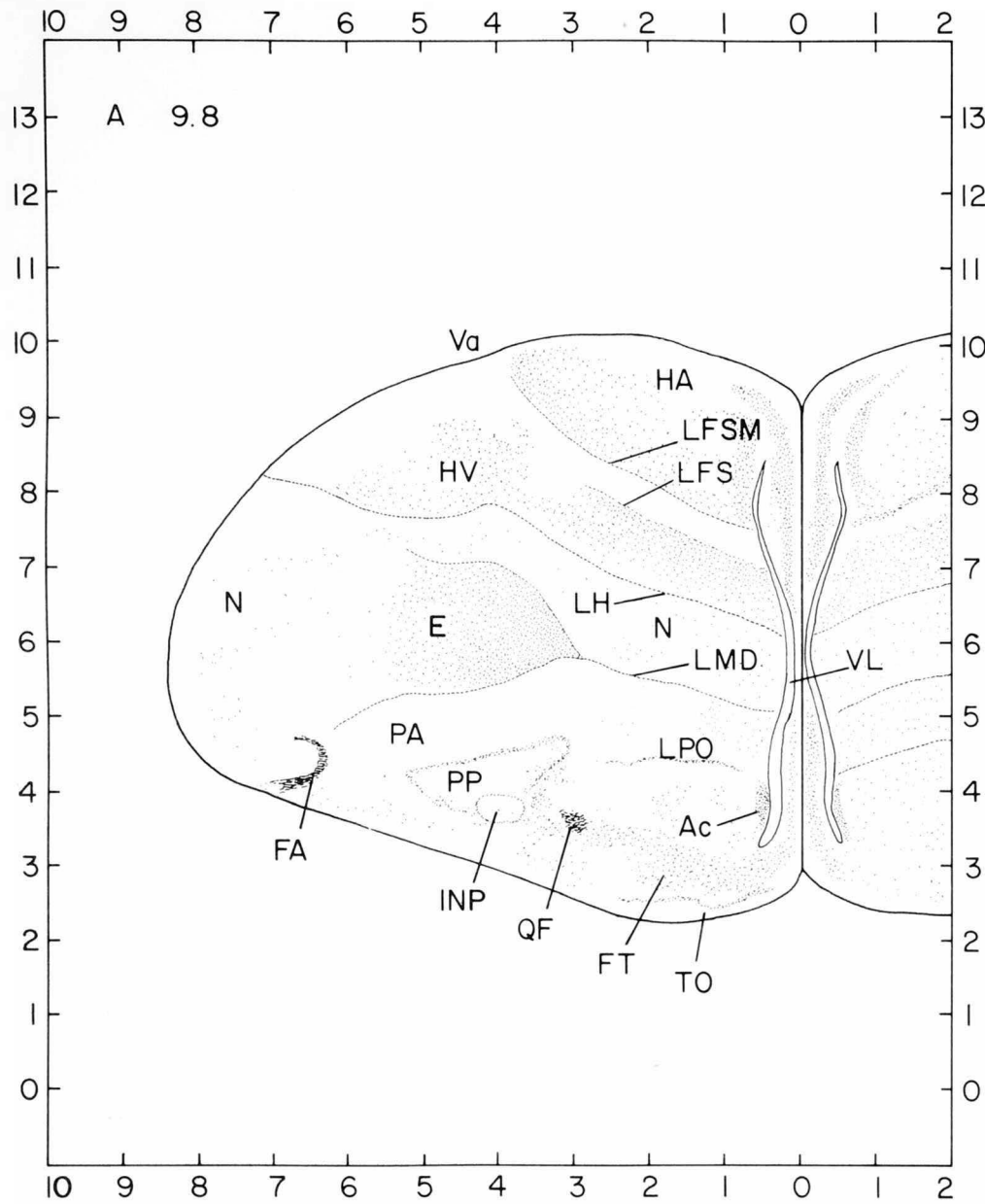




- E Ectoatrium
- FA Tractus fronto-archistriaticus
- HA Hyperstriatum accessorium
- HD Hyperstriatum dorsale
- HIS Hyperstriatum intercalatum supremum
- HV Hyperstriatum ventrale
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- LMD Lamina medullaris dorsalis
- LPO Lobus parolfactorius
- N Neostriatum
- PA Paleostriatum augmentatum (Caudate putamen)
- PP Paleostriatum primitivum (Globus pallidus)
- QF Tractus quintofrontalis
- TO Tuberculum olfactorium
- Va Valleculea telencephali
- VL Ventriculus lateralis

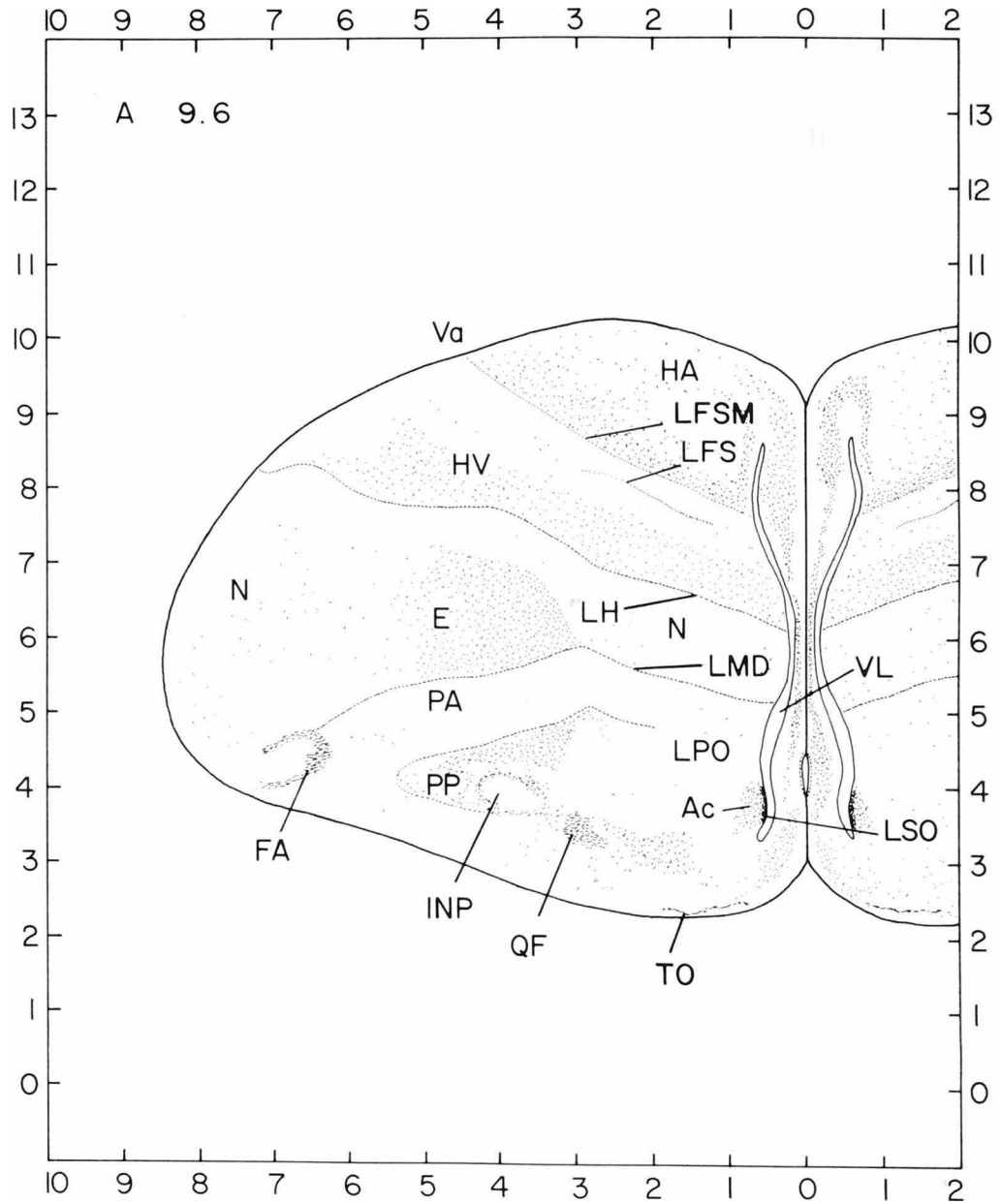
- Ac Nucleus accumbens
- E Ectoatrium
- FA Tractus fronto-archistriaticus
- HA Hyperstriatum accessorium
- HD Hyperstriatum dorsale
- HV Hyperstriatum ventrale
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- LMD Lamina medullaris dorsalis
- LPO Lobus parolfactorius
- N Neostriatum
- PA Paleostriatum augmentatum (Caudate putamen)
- PP Paleostriatum primitivum (Globus pallidus)
- QF Tractus quinfofrontalis
- TO Tuberculum olfactorium
- Va Vallecule telencephali
- VL Ventriculus lateralis

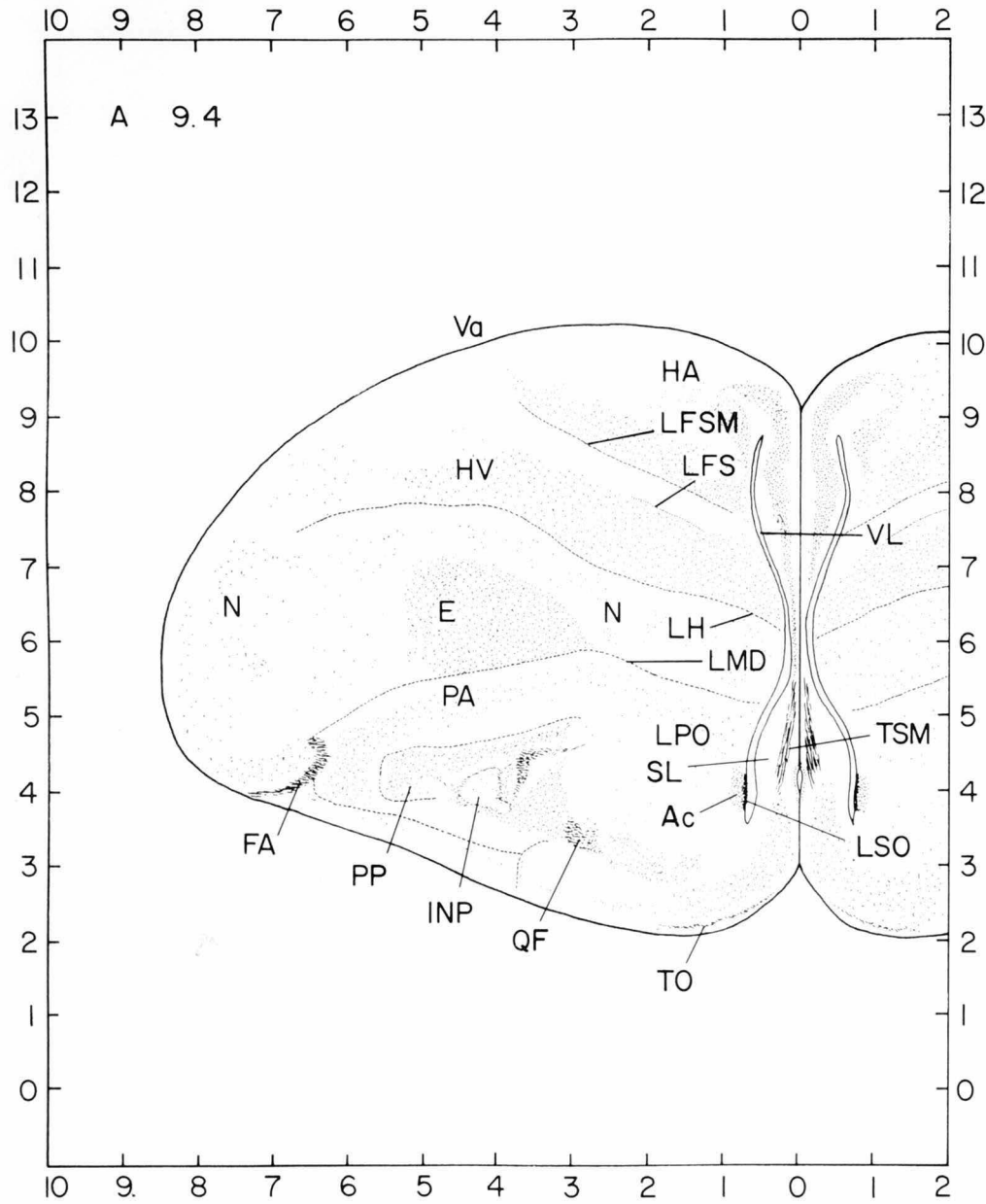




- Ac Nucleus accumbens
- E Ectoatrium
- FA Tractus fronto-archistriaticus
- FT Tractus frontothalamicus et tractus thalamofrontalis
- HA Hyperstriatum accessorium
- HV Hyperstriatum ventrale
- INP Nucleus intrapeduncularis
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- LMD Lamina medullaris dorsalis
- LPO Lobus parolfactorius
- N Neostriatum
- PA Paleoatrium augmentatum (Caudate putamen)
- PP Paleoatrium primitivum (Globus pallidus)
- QF Tractus quintofrontalis
- TO Tuberculum olfactorium
- Va Vallicula telencephali
- VL Ventriculus lateralis

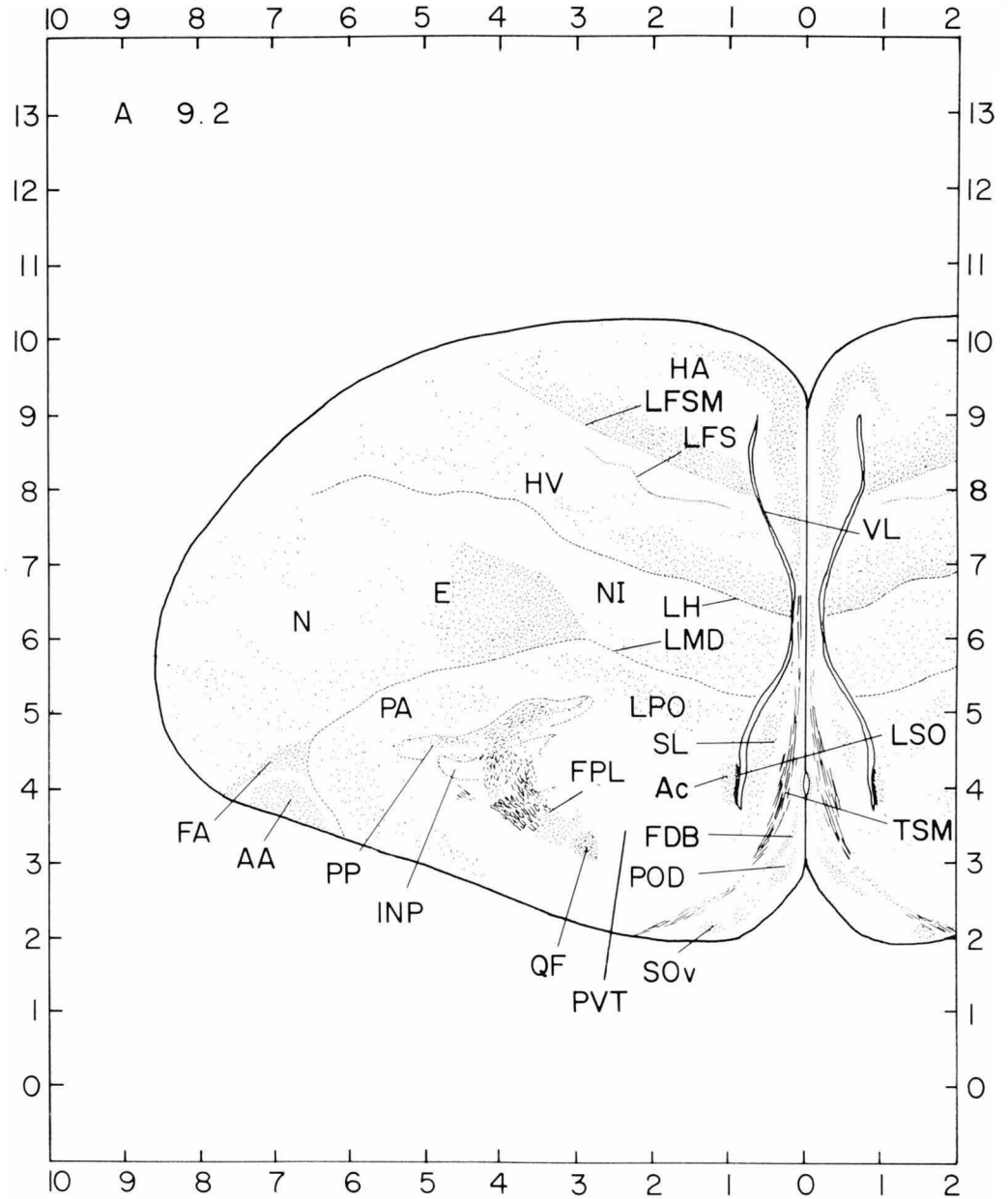
- Ac Nucleus accumbens
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- FA Tractus fronto-archistriaticus
- HA Hyperstriatum accessorium
- HV Hyperstriatum ventrale
- INP Nucleus intrapeduncularis
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- LMD Lamina medullaris dorsalis
- LPO Lobus parolfactorius
- LSO Organum septi laterale (Lateral septal organ)
- N Neostriatum
- PA Paleostriatum augmentatum (Caudate putamen)
- PP Paleostriatum primitivum (Globus pallidus)
- QF Tractus quintofrontalis
- TO Tuberculum olfactorium
- Va Vallecule telencephali
- VL Ventriculus lateralis

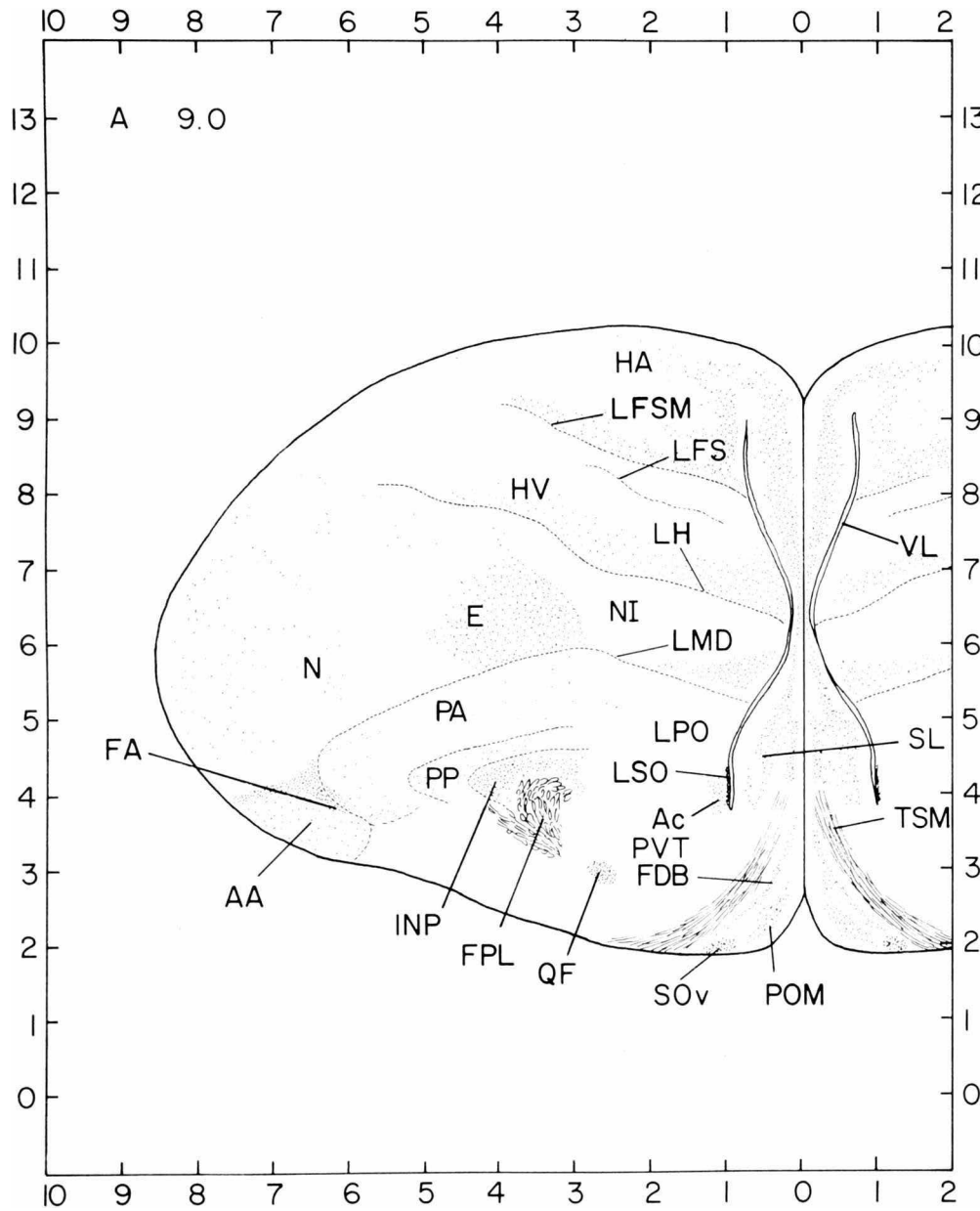




- Ac Nucleus accumbens
- E Ectoatrium
- FA Tractus fronto-archistriaticus
- HA Hyperstriatum accessorium
- HV Hyperstriatum ventrale
- INP Nucleus intrapeduncularis
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- LMD Lamina medullaris dorsalis
- LPO Lobus parolfactorius
- LSO Organum septi laterale (Lateral septal organ)
- N Neostriatum
- PA Paleostriatum augmentatum (Caudate putamen)
- PP Paleostriatum primitivum (Globus pallidus)
- QF Tractus quintofrontalis
- SL Nucleus septalis lateralis
- TO Tuberculum olfactorium
- TSM Tractus septomesencephalicus
- Va Vallicula telencephali
- VL Ventriculus lateralis

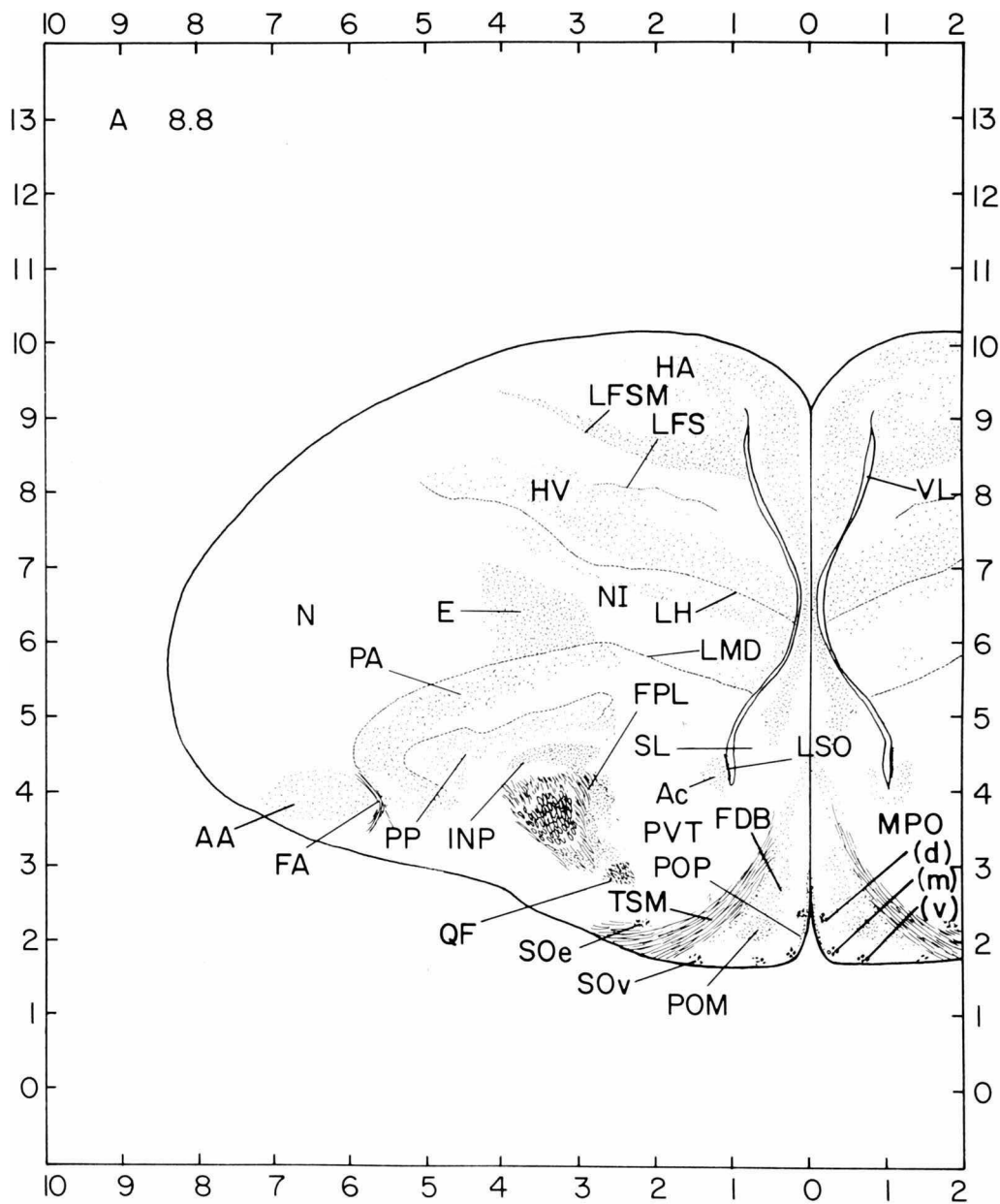
- AA Archistriatum anterior (rostrale) (Zeier and Karten)
- Ac Nucleus accumbens
- E Ectostriatum
- FA Tractus fronto-archistriaticus
- FDB Fasciculus diagonalis Brocae
- FPL Fasciculus prosencephali lateralis (Lateral forebrain bundle)
- HA Hyperstriatum accessorium
- HV Hyperstriatum ventrale
- INP Nucleus intrapeduncularis
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- LMD Lamina medullaris dorsalis
- LPO Lobus parolfactorius
- LSO Organum septi laterale (Lateral septal organ)
- N Neostriatum
- NI Neostriatum intermedium
- PA Paleostriatum augmentatum (Caudate putamen)
- POD Nucleus preopticus dorsolateralis
- PP Paleostriatum primitivum (Globus pallidus)
- PVT Paleostriatum ventrale (Kitt and Brauth)
- QF Tractus quintofrontalis
- SL Nucleus septalis lateralis
- SOv Nucleus supraopticus (Ralph), pars ventralis
- TSM Tractus septomesencephalicus
- VL Ventriculus lateralis

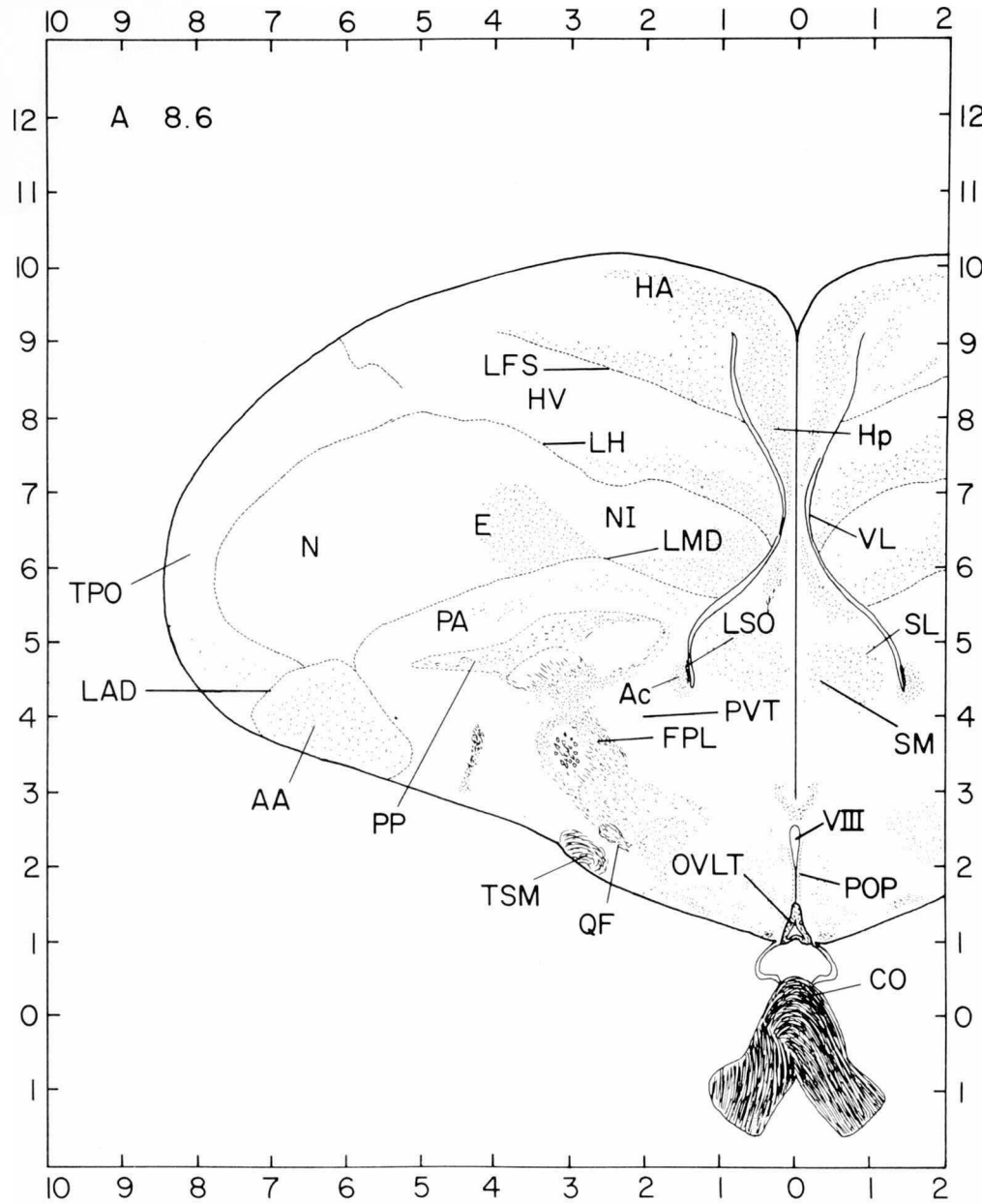




- AA Archistriatum anterior [rostrale] (Zeier and Karten)
- Ac Nucleus accumbens
- E Ectostriatum
- FA Tractus fronto-archistriaticus
- FDB Fasciculus diagonalis Brocae
- FPL Fasciculus prosencephali lateralis (Lateral forebrain bundle)
- HA Hyperstriatum accessorium
- HV Hyperstriatum ventrale
- INP Nucleus intrapeduncularis
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- LMD Lamina medullaris dorsalis
- LPO Lobus parolfactorius
- LSO Organum septi laterale (Lateral septal organ)
- N Neostriatum
- NI Neostriatum intermedium
- PA Paleostriatum augmentatum (Caudate putamen)
- POM Nucleus preopticus medialis (van Tienhoven)
- PP Paleostriatum primitivum (Globus pallidus)
- PVT Paleostriatum ventrale (Kitt and Brauth)
- QF Tractus quintofrontalis
- SL Nucleus septalis lateralis
- SOv Nucleus supraopticus (Ralph), pars ventralis
- TSM Tractus septomesencephalicus
- VL Ventriculus lateralis

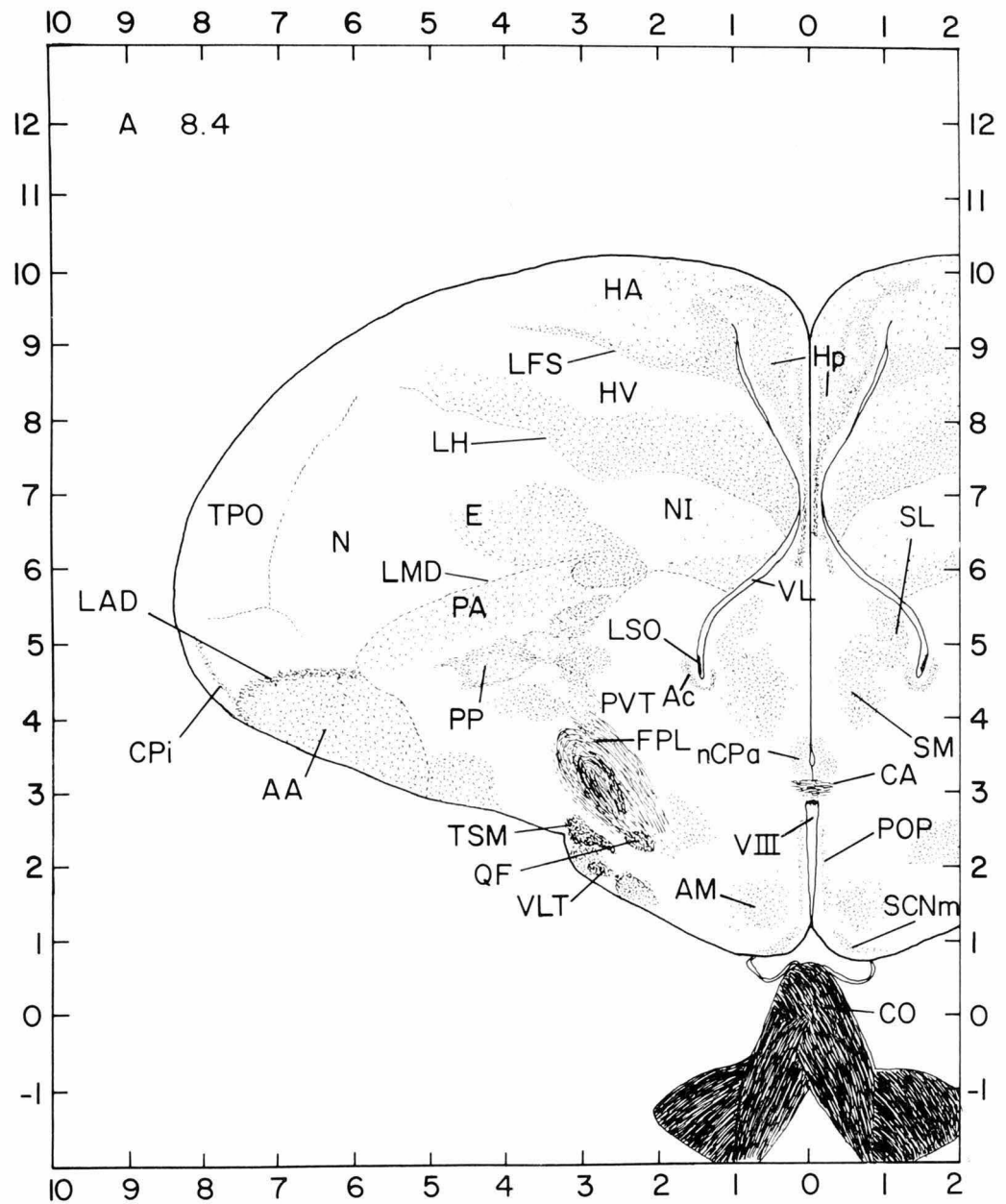
- AA Archistriatum anterior [rostrale] (Zeier and Karten)
- Ac Nucleus accumbens
- E Ectostriatum
- FA Tractus fronto-archistriaticus
- FDB Fasciculus diagonalis Brocae
- FPL Fasciculus prosencephali lateralis (Lateral forebrain bundle)
- HA Hyperstriatum accessorium
- HV Hyperstriatum ventrale
- INP Nucleus intrapeduncularis
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- LMD Lamina medullaris dorsalis
- LSO Organum septi laterale (Lateral septal organ)
- MPO Nucleus magnocellularis preopticus (van Tienhoven)
- (d) pars dorsalis
- (m) pars medialis
- (v) pars ventralis
- N Neostriatum
- NI Neostriatum intermedium
- PA Paleostriatum augmentatum (Caudate putamen)
- POM Nucleus preopticus medialis (van Tienhoven)
- POP Nucleus preopticus periventricularis
- PP Paleostriatum primitivum (Globus pallidus)
- PVT Paleostriatum ventrale (Kitt and Brauth)
- QF Tractus quintofrontalis
- SL Nucleus septalis lateralis
- SOe Nucleus supraopticus (Ralph), pars externus
- SOv Nucleus supraopticus (Ralph), pars ventralis
- TSM Tractus septomesencephalicus
- VL Ventriculus lateralis

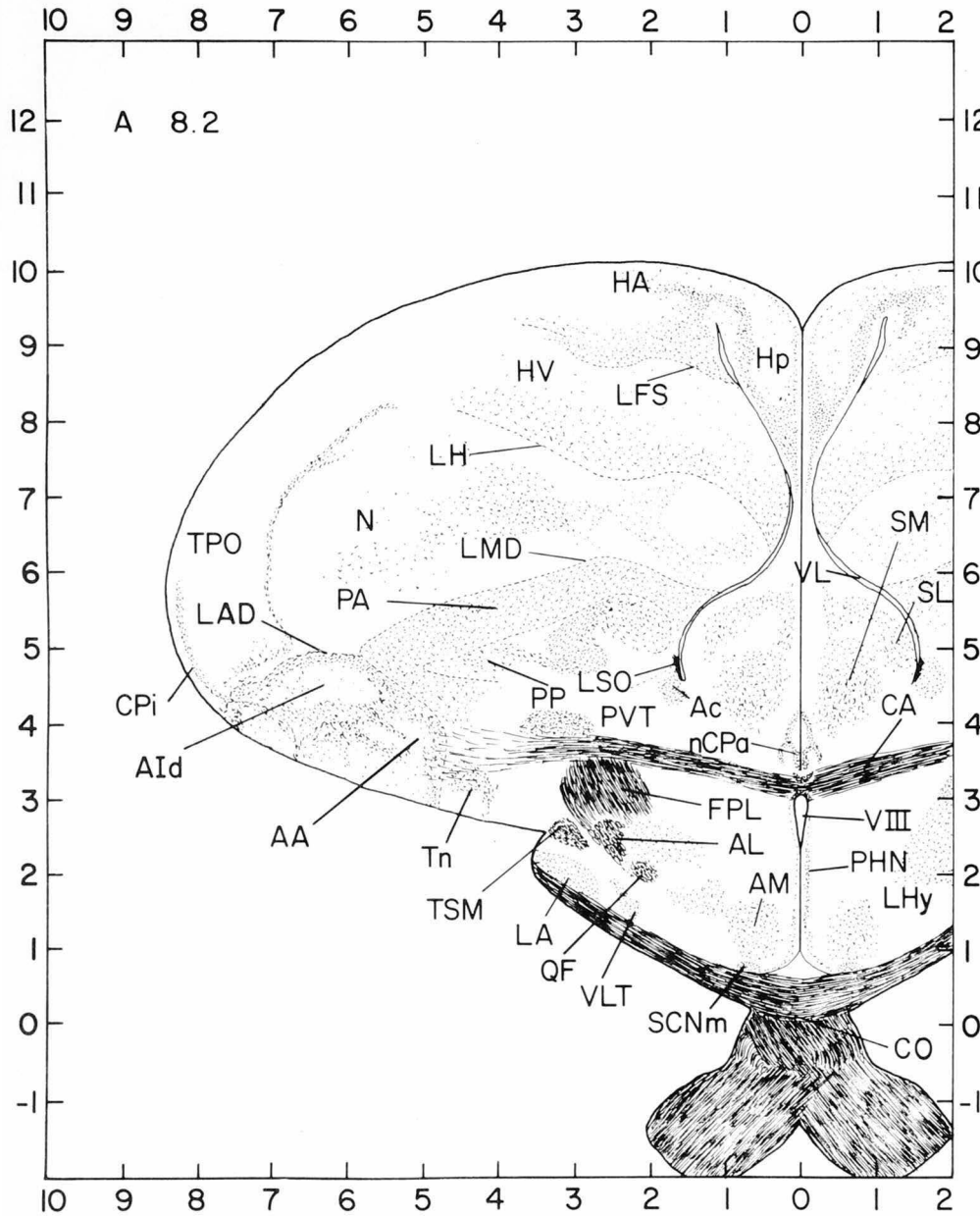




- AA Archistriatum anterior [rostrale] (Zeier and Karten)
- Ac Nucleus accumbens
- CO Chiasma opticum
- E Ectostriatum
- FPL Fasciculus prosencephali lateralis (Lateral forebrain bundle)
- HA Hyperstriatum accessorium
- Hp Hippocampus
- HV Hyperstriatum ventrale
- LAD Lamina archistriatalis dorsalis
- LFS Lamina frontalis superior
- LH Lamina hyperstriatica
- LMD Lamina medullaris dorsalis
- LSO Organum septi laterale (Lateral septal organ)
- N Neostriatum
- NI Neostriatum intermedium
- OVLT Organum vasculosum lamina terminalis
- PA Paleostriatum augmentatum (Caudate putamen)
- POP Nucleus preopticus periventricularis
- PP Paleostriatum primitivum (Globus pallidus)
- PVT Paleostriatum ventrale (Kitt and Brauth)
- QF Tractus quinfofrontalis
- SL Nucleus septalis lateralis
- SM Nucleus septalis medialis
- TPO Area temporo-parieto-occipitalis (Edinger, Wallenberg, and Holmes)
- TSM Tractus septomesencephalicus
- VL Ventriculus lateralis
- V III Ventriculus tertius (Third ventricle)

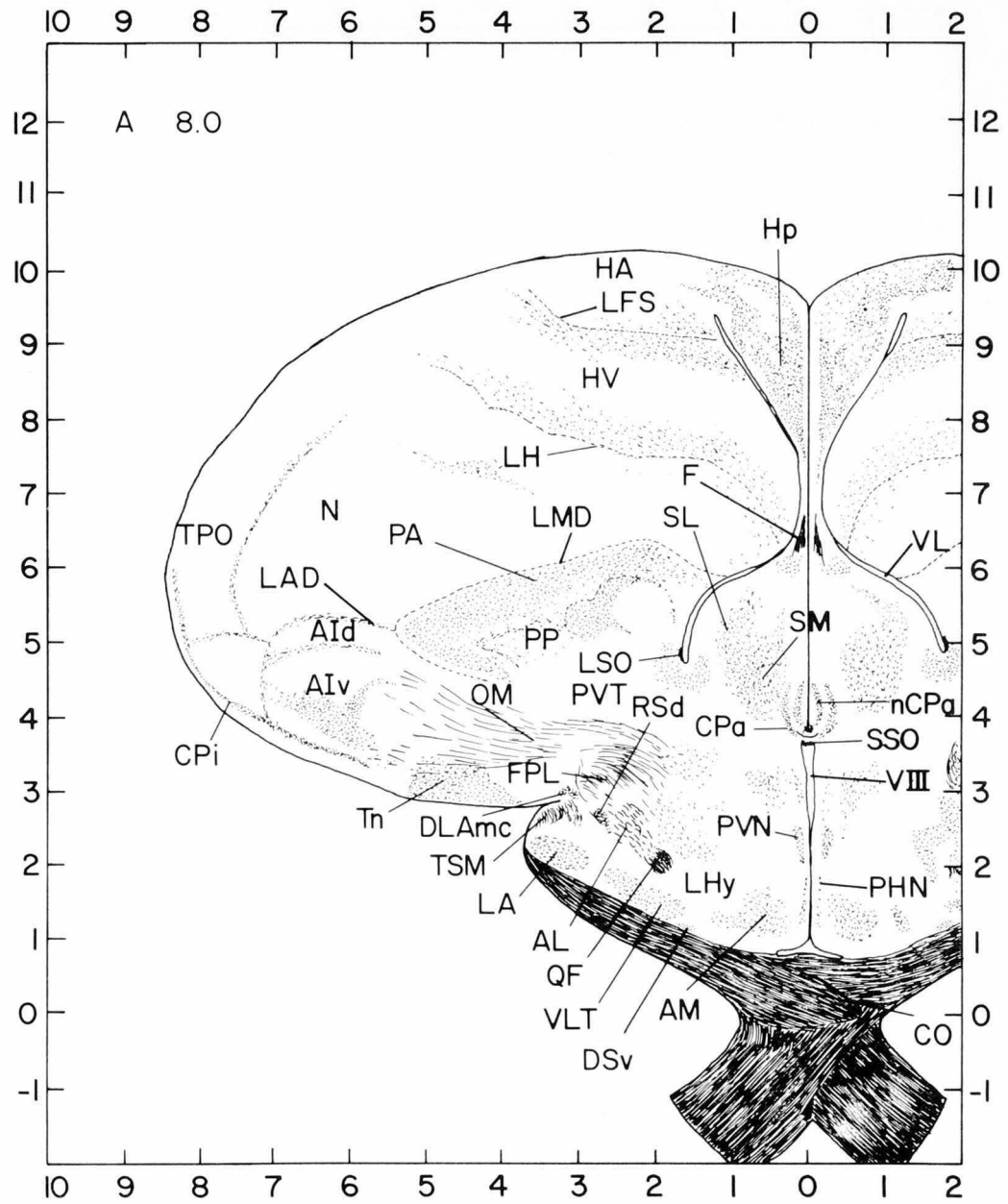
- AA Archistriatum anterior [rostrale] (Zeier and Karten)
- Ac Nucleus accumbens
- AM Nucleus anterior [rostralis] medialis hypothalami
- CA Commissura anterior [rostralis] (Anterior commissure)
- CO Chiasma opticum
- CPi Cortex piriformis
- E Ectoatrium
- FPL Fasciculus prosencephali lateralis (Lateral forebrain bundle)
- HA Hyperstriatum accessorium
- Hp Hippocampus
- HV Hyperstriatum ventrale
- LAD Lamina archistriatalis dorsalis
- LFS Lamina frontalis superior
- LH Lamina hyperstriatica
- LMD Lamina medullaris dorsalis
- LSO Organum septi laterale (Lateral septal organ)
- N Neostriatum
- nCPa Nucleus commissurae pallii (Bed nucleus pallial commissure)
- NI Neostriatum intermedium
- PA Paleostriatum augmentatum (Caudate putamen)
- POP Nucleus preopticus periventricularis
- PP Paleostriatum primitivum (Globus pallidus)
- PVT Paleostriatum ventrale (Kitt and Brauth)
- QF Tractus quintofrontalis
- SCNm Nucleus suprachiasmaticus, pars medialis
- SL Nucleus septalis lateralis
- SM Nucleus septalis medialis
- TPO Area temporo-parieto-occipitalis (Edinger, Wallenberg, and Holmes)
- TSM Tractus septomesencephalicus
- VL Ventriculus lateralis
- VLT Nucleus ventrolateralis thalami
- V III Ventriculus tertius (Third ventricle)

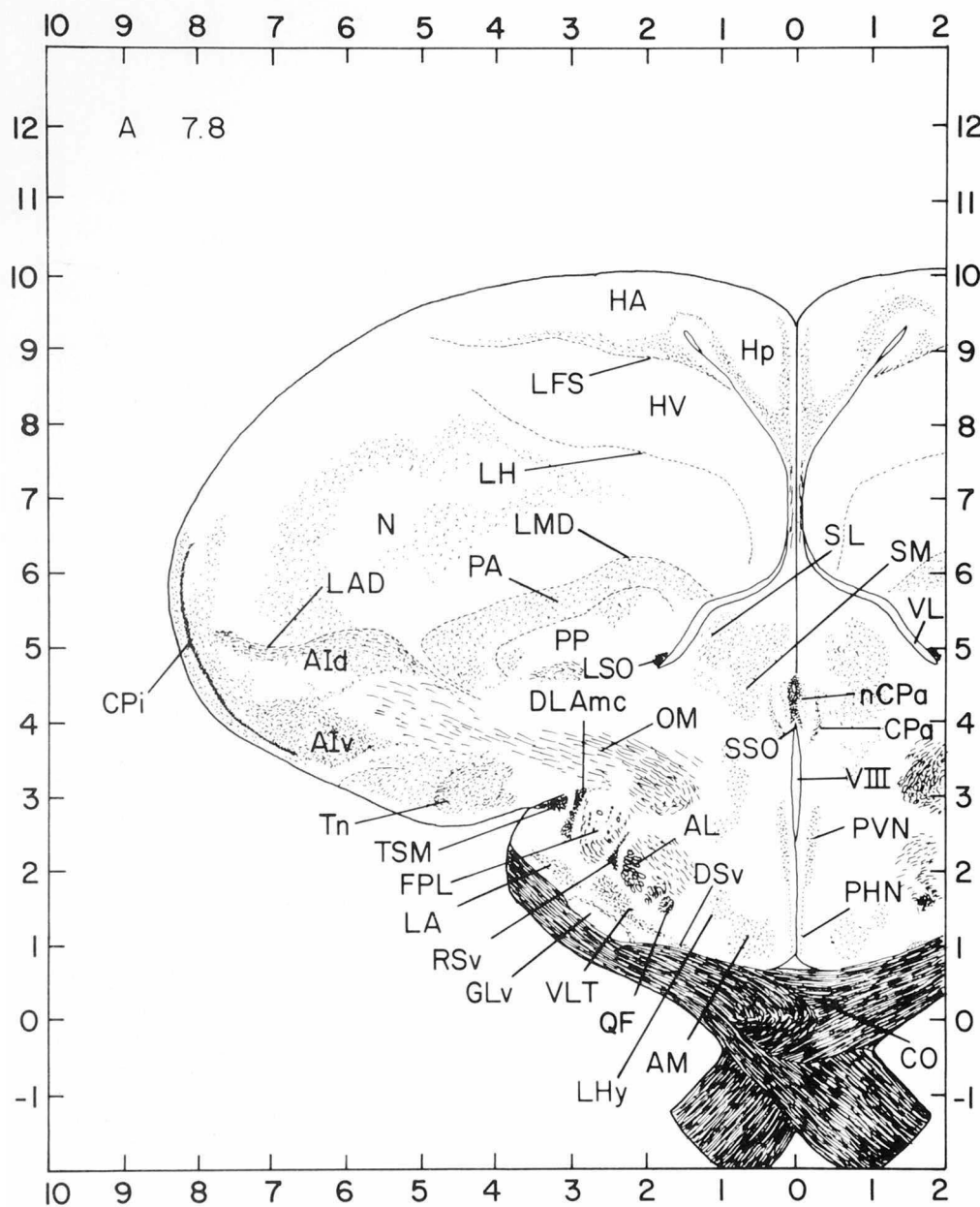




- AA Archistriatum anterior [rostrale] (Zeier and Karten)
- Ac Nucleus accumbens
- AId Archistriatum intermedium, pars dorsalis (Zeier and Karten)
- AL Ansa lenticularis
- AM Nucleus anterior [rostralis] medialis hypothalami
- CA Commissura anterior [rostralis] (Anterior commissure)
- CO Chiasma opticum
- CPI Cortex piriformis
- FPL Fasciculus prosencephali lateralis (Lateral forebrain bundle)
- HA Hyperstriatum accessorium
- Hp Hippocampus
- HV Hyperstriatum ventrale
- LA Nucleus lateralis anterior [rostralis] thalami
- LAD Lamina archistriatalis dorsalis
- LFS Lamina frontalis superior
- LH Lamina hyperstriatica
- LHy Regio lateralis hypothalami (Lateral hypothalamic area)
- LMD Lamina medullaris dorsalis
- LSO Organum septi laterale (Lateral septal organ)
- N Neostriatum
- nCPa Nucleus commissurae pallii (Bed nucleus pallii commissure)
- PA Paleoistriatum augmentatum (Caudate putamen)
- PHN Nucleus periventricularis hypothalami
- PP Paleoistriatum primitivum (Globus pallidus)
- PVT Paleoistriatum ventrale (Kitt and Brauth)
- QF Tractus quintofrontalis
- SCNm Nucleus suprachiasmaticus, pars medialis
- SL Nucleus septalis lateralis
- SM Nucleus septalis medialis
- Tn Nucleus taeniae
- TPO Area temporo-parieto-occipitalis (Edinger, Wallenberg, and Holmes)
- TSM Tractus septomesencephalicus
- VL Ventriculus lateralis
- VLT Nucleus ventrolateralis thalami
- V III Ventriculus tertius (Third ventricle)

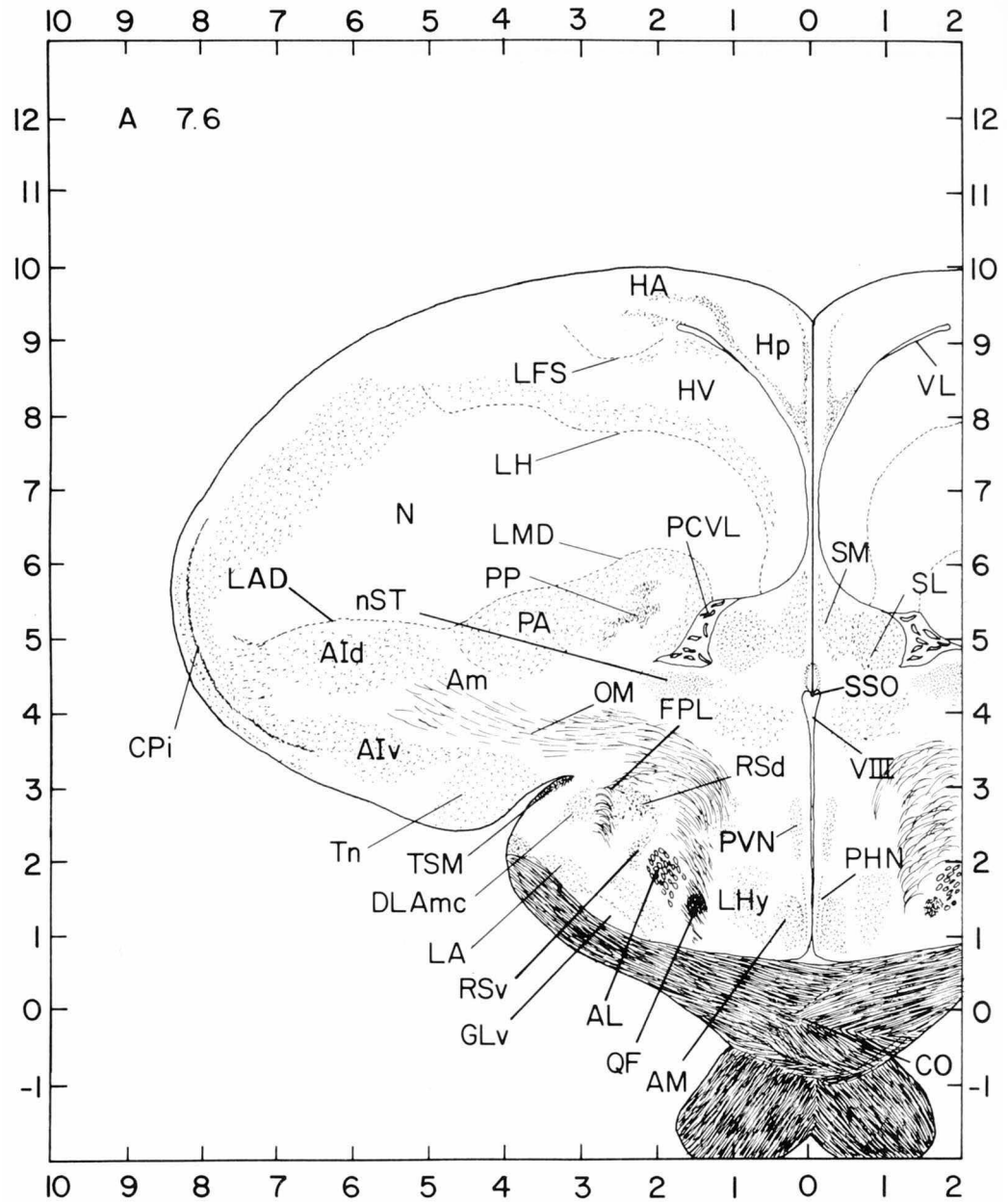
- AId Archistriatum intermedium, pars dorsalis (Zeier and Karten)
- Alv Archistriatum intermedium, pars ventralis (Zeier and Karten)
- AL Ansa lenticularis
- AM Nucleus anterior [rostralis] medialis hypothalami
- CO Chiasma opticum
- CPa Commissura pallii
- CPI Cortex piriformis
- DLAmc Nucleus dorsolateralis anterior [rostralis] thalami, pars magnocellularis
- DSv Nucleus decussationis supraopticae, pars ventralis
- F Fornix
- FPL Fasciculus prosencephali lateralis (Lateral forebrain bundle)
- HA Hyperstriatum accessorium
- Hp Hippocampus
- HV Hyperstriatum ventrale
- LA Nucleus lateralis anterior thalami
- LAD Lamina archistriatalis dorsalis
- LFS Lamina frontalis superior
- LH Lamina hyperstriatica
- LHy Regio lateralis hypothalami (Lateral hypothalamic area)
- LMD Lamina medullaris dorsalis
- LSO Organum septi laterale (Lateral septal organ)
- N Neostriatum
- nCPa Nucleus commissurae pallii (Bed nucleus pallial commissure)
- OM Tractus occipitomesencephalicus
- PA Paleostriatum augmentatum (Caudate putamen)
- PHN Nucleus periventricularis hypothalami
- PP Paleostriatum primitivum (Globus pallidus)
- PVN Nucleus paraventricularis magnocellularis (Paraventricular nucleus)
- PVT Paleostriatum ventrale (Kitt and Brauth)
- QF Tractus quintofrontalis
- RSd Nucleus reticularis superior, pars dorsalis
- SL Nucleus septalis lateralis
- SM Nucleus septalis medialis
- SSO Organum subseptale (Subseptal organ [Legait and Legait]); organum interventriculare (Interventricular organ [Blähsler])
- Tn Nucleus taeniae
- TPO Area temporo-parieto-occipitalis (Edinger, Wallenberg, and Holmes)
- TSM Tractus septomesencephalicus
- VL Ventriculus lateralis
- V III Ventriculus tertius (Third ventricle)
- VLT Nucleus ventrolateralis thalami

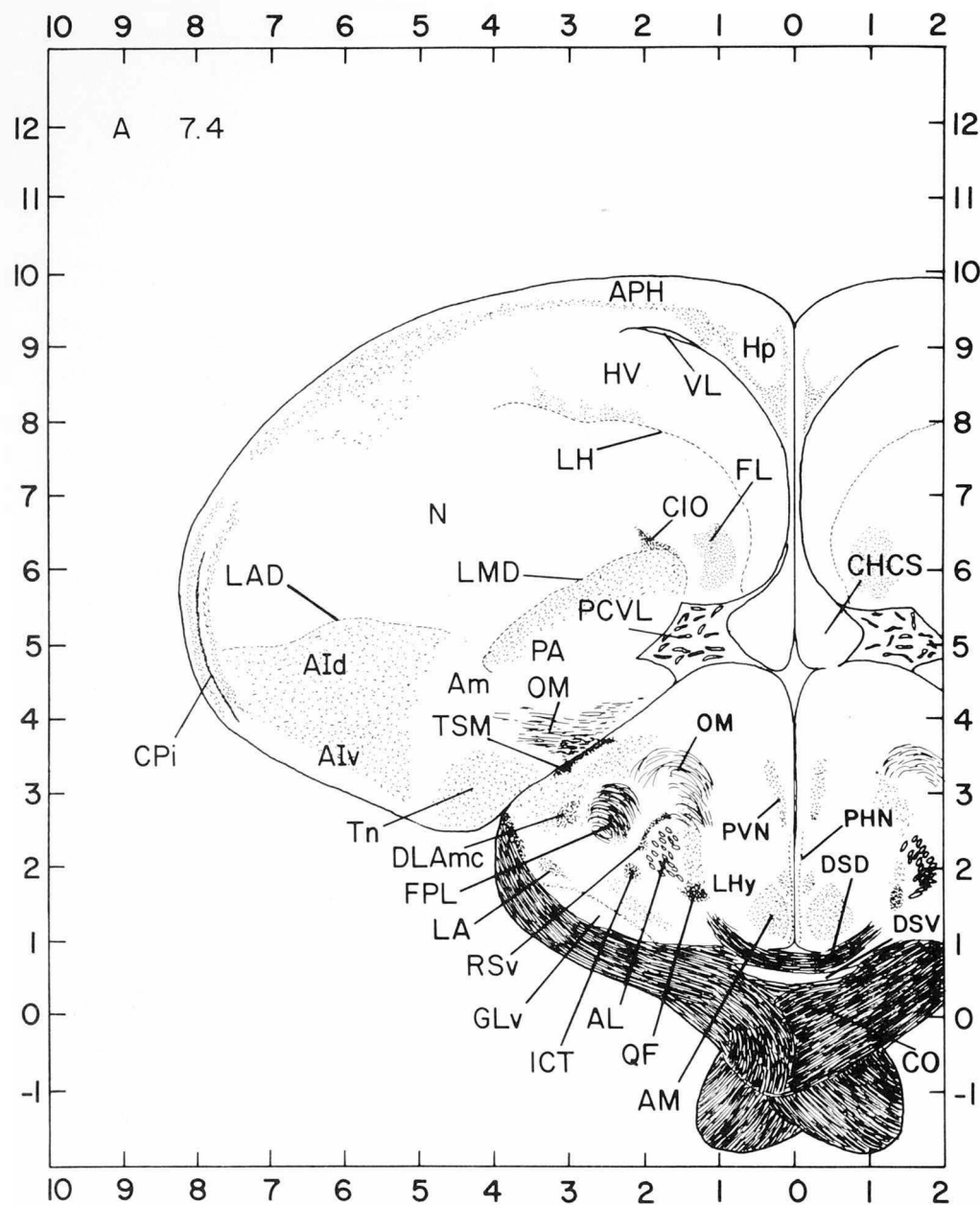




- AId Archistriatum intermedium, pars dorsalis (Zeier and Karten)
 A Iv Archistriatum intermedium, pars ventralis (Zeier and Karten)
 AL Ansa lenticularis
 AM Nucleus anterior medialis [rostralis] hypothalami
 CO Chiasma opticum
 CPa Commissura pallii
 CPi Cortex piriformis
 DLAmc Nucleus dorsolateralis anterior [rostralis] thalami, pars magnocellularis
 DSv Nucleus decussationis supraopticae, pars ventralis
 FPL Fasciculus prosencephali lateralis (Lateral forebrain organ)
 GLv Nucleus geniculatus lateralis, pars ventralis
 HA Hyperstriatum accessorium
 Hp Hippocampus
 HV Hyperstriatum ventrale
 LA Nucleus lateralis anterior thalami
 LAD Lamina archistriatalis dorsalis
 LFS Lamina frontalis superior
 LH Lamina hyperstriatica
 LHy Regio lateralis hypothalami (Lateral hypothalamic area)
 LMD Lamina medullaris dorsalis
 LSO Organum septi laterale (Lateral septal organ)
 N Neostriatum
 nCPa Nucleus commissurae pallii (Bed nucleus pallial commissure)
 CPa
 OM Tractus occipitomesencephalicus
 PA Paleostriatum augmentatum (Caudate putamen)
 PHN Nucleus periventricularis hypothalami
 PP Paleostriatum primitivum (Globus pallidus)
 PVN Nucleus paraventricularis magnocellularis (Paraventricular nucleus)
 QF Tractus quintofrontalis
 RSv Nucleus reticularis superior, pars ventralis
 SL Nucleus septalis lateralis
 SM Nucleus septalis medialis
 SSO Organum subseptale (Subseptal organ [Legait and Legait]); organum interventriculare (Interventricular organ [Blähsner])
 Tn Nucleus taeniae
 TSM Tractus septomesencephalicus
 VL Ventriculus lateralis
 V III Ventriculus tertius (Third ventricle)
 VLT Nucleus ventrolateralis thalami

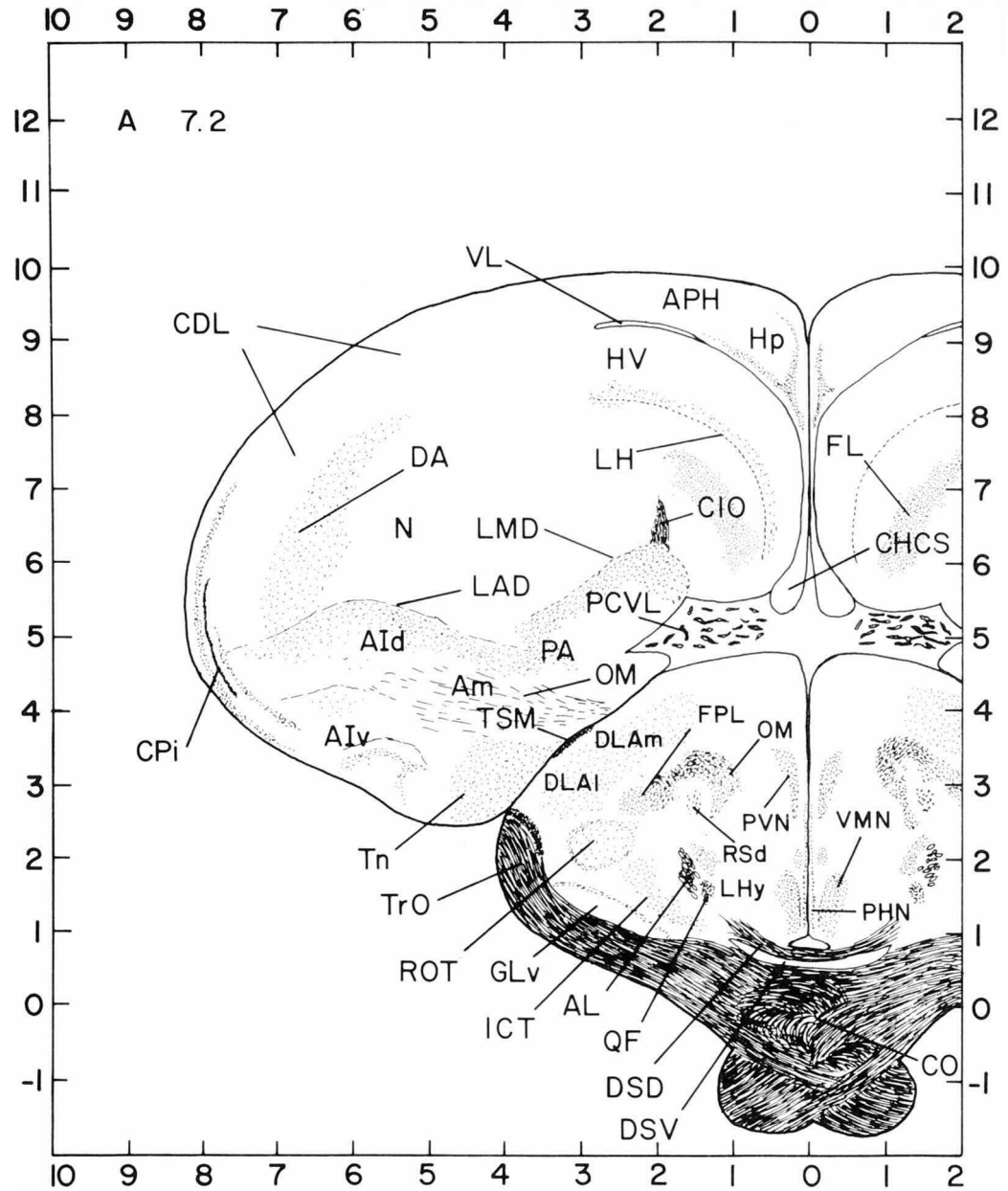
- Ald Archistriatum intermedium, pars dorsalis (Zeier and Karten)
- Alv Archistriatum intermedium, pars ventralis (Zeier and Karten)
- AL Ansa lenticularis
- Am Archistriatum mediale (Zeier and Karten)
- AM Nucleus anterior medialis [rostralis] hypothalami
- CO Chiasma opticum
- CPi Cortex piriformis
- DLAmc Nucleus dorsolateralis anterior [rostralis] thalami, pars magnocellularis
- FPL Fasciculus prosencephali lateralis (Lateral forebrain bundle)
- GLv Nucleus geniculatus lateralis, pars ventralis
- HA Hyperstriatum accessorium
- Hp Hippocampus
- HV Hyperstriatum ventrale
- LA Nucleus lateralis anterior thalami
- LAD Lamina archistriatalis dorsalis
- LFS Lamina frontalis superior
- LH Lamina hyperstriatica
- LHy Regio lateralis hypothalami (Lateral hypothalamic area)
- LMD Lamina medullaris dorsalis
- N Neostriatum
- nST Nucleus striae terminalis (Bed nucleus, stria terminalis)
- OM Tractus occipitomesencephalicus
- PA Paleostriatum augmentatum (Caudate putamen)
- PCVL Plexus choroideus ventriculi lateralis (Choroid plexus within lateral ventricle)
- PHN Nucleus periventricularis hypothalami
- PP Paleostriatum primitivum (Globus pallidus)
- PVN Nucleus paraventricularis magnocellularis (Paraventricular nucleus)
- QF Tractus quintofrontalis
- RSd Nucleus reticularis superior, pars dorsalis
- RSv Nucleus reticularis superior, pars ventralis
- SL Nucleus septalis lateralis
- SM Nucleus septalis medialis
- SSO Organum subseptale (Subseptal organ [Legait and Legait]); organum interventriculare (Interventricular organ [Blähsler])
- Tn Nucleus taeniae
- TSM Tractus septomesencephalicus
- VL Ventriculus lateralis
- V III Ventriculus tertius (Third ventricle)

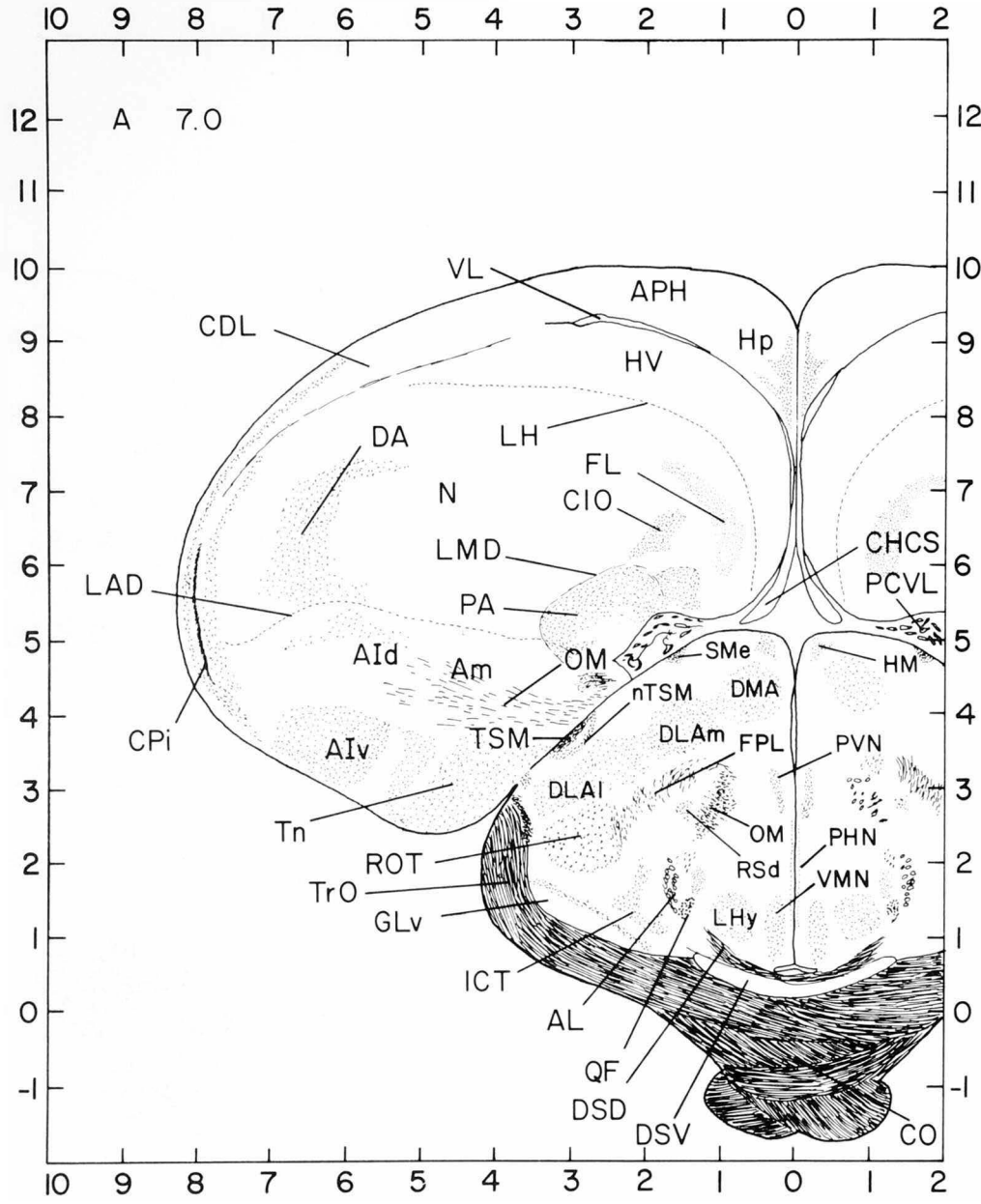




- AId Archistriatum intermedium, pars dorsalis (Zeier and Karten)
 Aiv Archistriatum intermedium, pars ventralis (Zeier and Karten)
 AL Ansa lenticularis
 Am Archistriatum mediale (Zeier and Karten)
 AM Nucleus anterior medialis hypothalami
 APH Area parahippocampalis
 CHCS Tractus cortico-habenularis et cortico-septalis
 CIO Capsula interna occipitalis
 CO Chiasma opticum
 CPi Cortex piriformis
 DLAmc Nucleus dorsolateralis anterior [rostralis] thalami, pars magnocellularis
 DSD Decussatio supraoptica dorsalis
 DSV Decussatio supraoptica ventralis
 FL Field L
 FPL Fasciculus prosencephali lateralis (Lateral forebrain bundle)
 GLv Nucleus geniculatus lateralis, pars ventralis
 Hp Hippocampus
 HV Hyperstriatum ventrale
 ICT Nucleus intercalatus thalami
 LA Nucleus lateralis anterior thalami
 LAD Lamina archistriatalis dorsalis
 LH Lamina hyperstriatica
 LHy Regio lateralis hypothalami (Lateral hypothalamic area)
 LMD Lamina medullaris dorsalis
 N Neostriatum
 OM Tractus occipitomesencephalicus
 PA Paleostriatum augmentatum (Caudate putamen)
 PCVL Plexus choroideus ventriculi lateralis (Choroid plexus within lateral ventricle)
 PHN Nucleus periventricularis hypothalami
 PVN Nucleus paraventricularis magnocellularis (Paraventricular nucleus)
 QF Tractus quintofrontalis
 RSV Nucleus reticularis superior, pars ventralis
 Tn Nucleus taeniae
 TSM Tractus septomesencephalicus
 VL Ventriculus lateralis

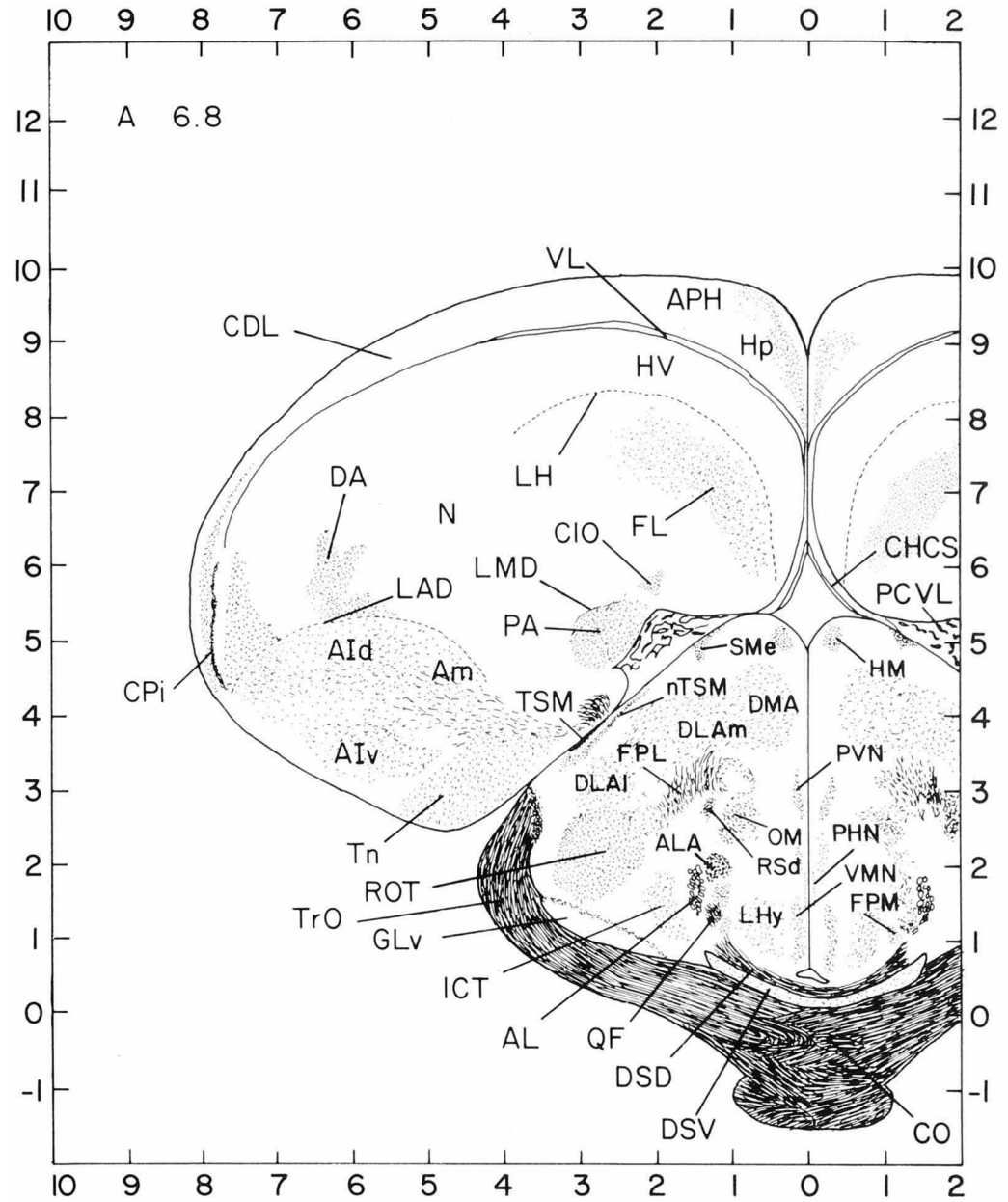
- Ald Archistriatum intermedium, pars dorsalis (Zeier and Karten)
- Aiv Archistriatum intermedium, pars ventralis (Zeier and Karten)
- AL Ansa lenticularis
- Am Archistriatum mediale (Zeier and Karten)
- APH Area parahippocampalis
- CDL Area corticoidea dorsolateralis
- CHCS Tractus cortico-habenularis et cortico-septalis
- CIO Capsula interna occipitalis
- CO Chiasma opticum
- CPI Cortex piriformis
- DA Tractus dorso-archistriaticus
- DLAI Nucleus dorsolateralis anterior [rostralis] thalami, pars lateralis
- DLAm Nucleus dorsolateralis anterior [rostralis] thalami, pars medialis
- DSD Decussatio supraoptica dorsalis
- DSV Decussatio supraoptica ventralis
- FL Field L
- FPL Fasciculus prosencephali lateralis (Lateral forebrain bundle)
- GLv Nucleus geniculatus lateralis, pars ventralis
- Hp Hippocampus
- HV Hyperstriatum ventrale
- ICT Nucleus intercalatus thalami
- LAD Lamina archistriaticalis dorsalis
- LH Lamina hyperstriatica
- LHy Regio lateralis hypothalami (Lateral hypothalamic area)
- LMD Lamina medullaris dorsalis
- N Neostriatum
- OM Tractus occipitomesencephalicus
- PA Paleostriatum augmentatum (Caudate putamen)
- PCVL Plexus choroideus ventriculi lateralis (Choroid plexus within lateral ventricle)
- PHN Nucleus periventricularis hypothalami
- PVN Nucleus paraventricularis magnocellularis (Paraventricular nucleus)
- QF Tractus quintofrontalis
- ROT Nucleus rotundus
- RSd Nucleus reticularis superior, pars dorsalis
- Tn Nucleus taeniae
- TrO Tractus opticus
- TSM Tractus septomesencephalicus
- VL Ventriculus lateralis
- VMN Nucleus ventromedialis hypothalami

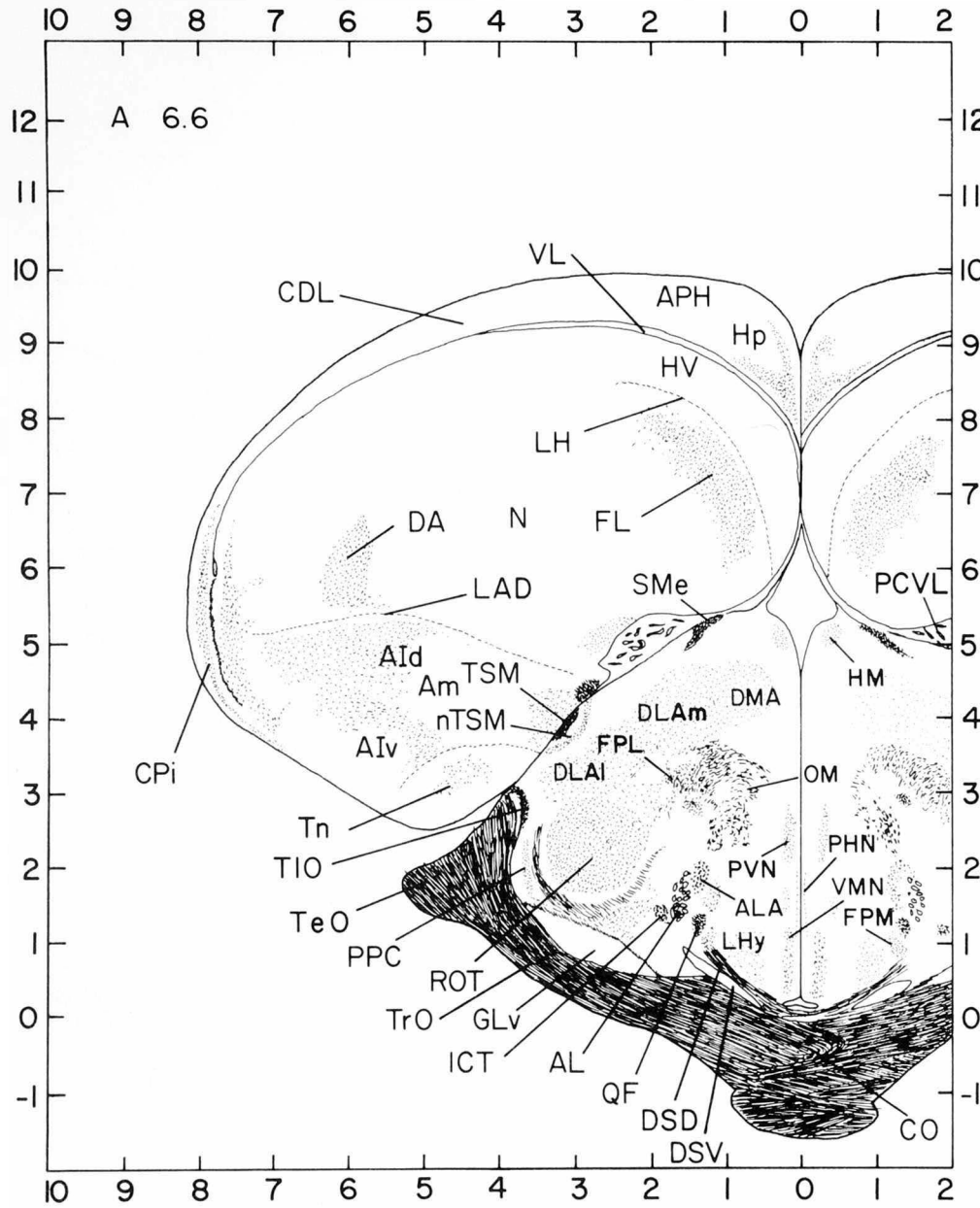




- AId Archistriatum intermedium, pars dorsalis (Zeier and Karten)
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- CIO Capsula interna occipitalis
- CO Chiasma opticum
- CPI Cortex piriformis
- DA Tractus dorso-archistriaticus
- DLAI Nucleus dorsolateralis anterior [rostralis] thalami, pars lateralis
- DLAm Nucleus dorsolateralis anterior [rostralis] thalami, pars medialis
- DMA Nucleus dorsomedialis anterior [rostralis] thalami
- DSD Decussatio supraoptica dorsalis
- DSV Decussatio supraoptica ventralis
- FL Field L
- FPL Fasciculus prosencephali lateralis (Lateral forebrain bundle)
- GLv Nucleus geniculatus lateralis, pars ventralis
- HM Nucleus habenularis medialis
- HP Hippocampus
- HV Hyperstriatum ventrale
- ICT Nucleus intercalatus thalami
- LAD Lamina archistriaticalis dorsalis
- LH Lamina hyperstriatica
- LHy Regio lateralis hypothalami (Lateral hypothalamic area)
- LMD Lamina medullaris dorsalis
- N Neostriatum
- nTSM Nucleus tractus septomesencephalicus (Nucleus superficialis parvocellularis)
- OM Tractus occipitomesencephalicus
- PA Paleostriatum augmentatum (Caudate putamen)
- PCVL Plexus choroideus ventriculi lateralis (Choroid plexus within lateral ventricle)
- PHN Nucleus periventricularis hypothalami
- PVN Nucleus paraventricularis magnocellularis (Paraventricular nucleus)
- QF Tractus quintofrontalis
- ROT Nucleus rotundus
- RSd Nucleus reticularis superior, pars dorsalis
- SMe Stria medullaris
- Tn Nucleus taeniae
- TrO Tractus opticus
- TSM Tractus septomesencephalicus
- VL Ventriculus lateralis
- VMN Nucleus ventromedialis hypothalami

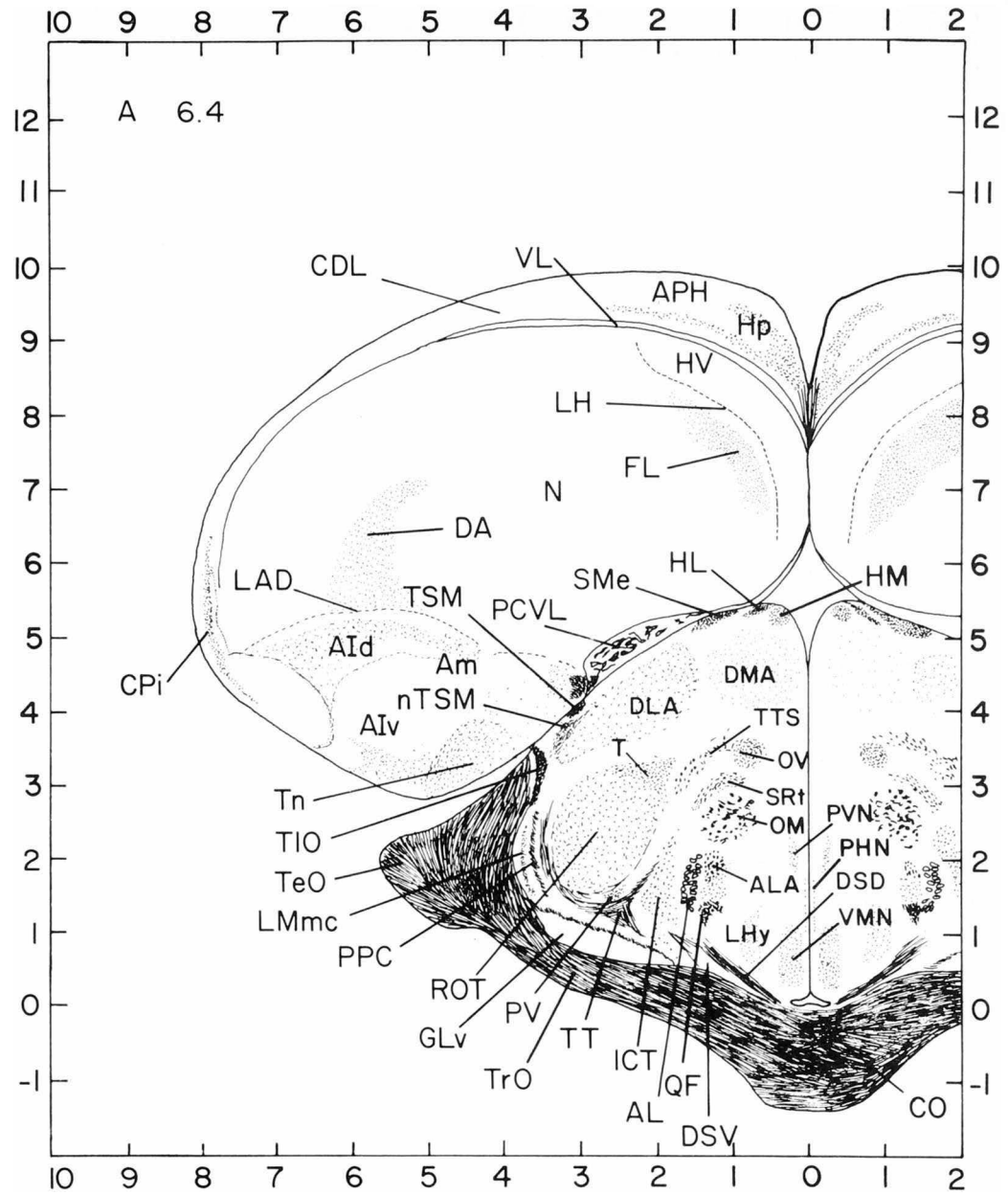
- Ald Archistriatum intermedium, pars dorsalis (Zeier and Karten)
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- AL Ansa lenticularis
- ALA Nucleus ansae lenticularis anterior [rostralis]
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- CHCS Tractus cortico-habenularis et cortico-septalis
- CIO Capsula interna occipitalis
- CO Chiasma opticum
- CPi Cortex piriformis
- DA Tractus dorso-archistriaticus
- DLAI Nucleus dorsolateralis anterior [rostralis] thalami, pars lateralis
- DLAm Nucleus dorsolateralis anterior [rostralis] thalami, pars medialis
- DMA Nucleus dorsomedialis anterior [rostralis] thalami
- DSD Decussatio supraoptica dorsalis
- DSV Decussatio supraoptica ventralis
- FL Field L
- FPL Fasciculus prosencephali lateralis (Lateral forebrain bundle)
- FPM Fasciculus prosencephali medialis (Medial forebrain bundle)
- GLv Nucleus geniculatus lateralis, pars ventralis
- HM Nucleus habenularis medialis
- Hp Hippocampus
- HV Hyperstriatum ventrale
- ICT Nucleus intercalatus thalami
- LAD Lamina archistriaticalis dorsalis
- LH Lamina hyperstriatica
- LHy Regio lateralis hypothalami (Lateral hypothalamic area)
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- nTSM Nucleus tractus septomesencephalicus (Nucleus superficialis parvocellularis)
- OM Tractus occipitomesencephalicus
- PA Paleostriatum augmentatum (Caudate putamen)
- PCVL Plexus choroideus ventriculi lateralis (Choroid plexus within lateral ventricle)
- PHN Nucleus periventricularis hypothalami
- PVN Nucleus paraventricularis magno-cellularis (Paraventricular nucleus)
- QF Tractus quintofrontalis
- ROT Nucleus rotundus
- RSd Nucleus reticularis superior, pars dorsalis
- SMe Stria medullaris
- Tn Nucleus taeniae
- TrO Tractus opticus
- TSM Tractus septomesencephalicus
- VL Ventriculus lateralis
- VMN Nucleus ventromedialis hypothalami

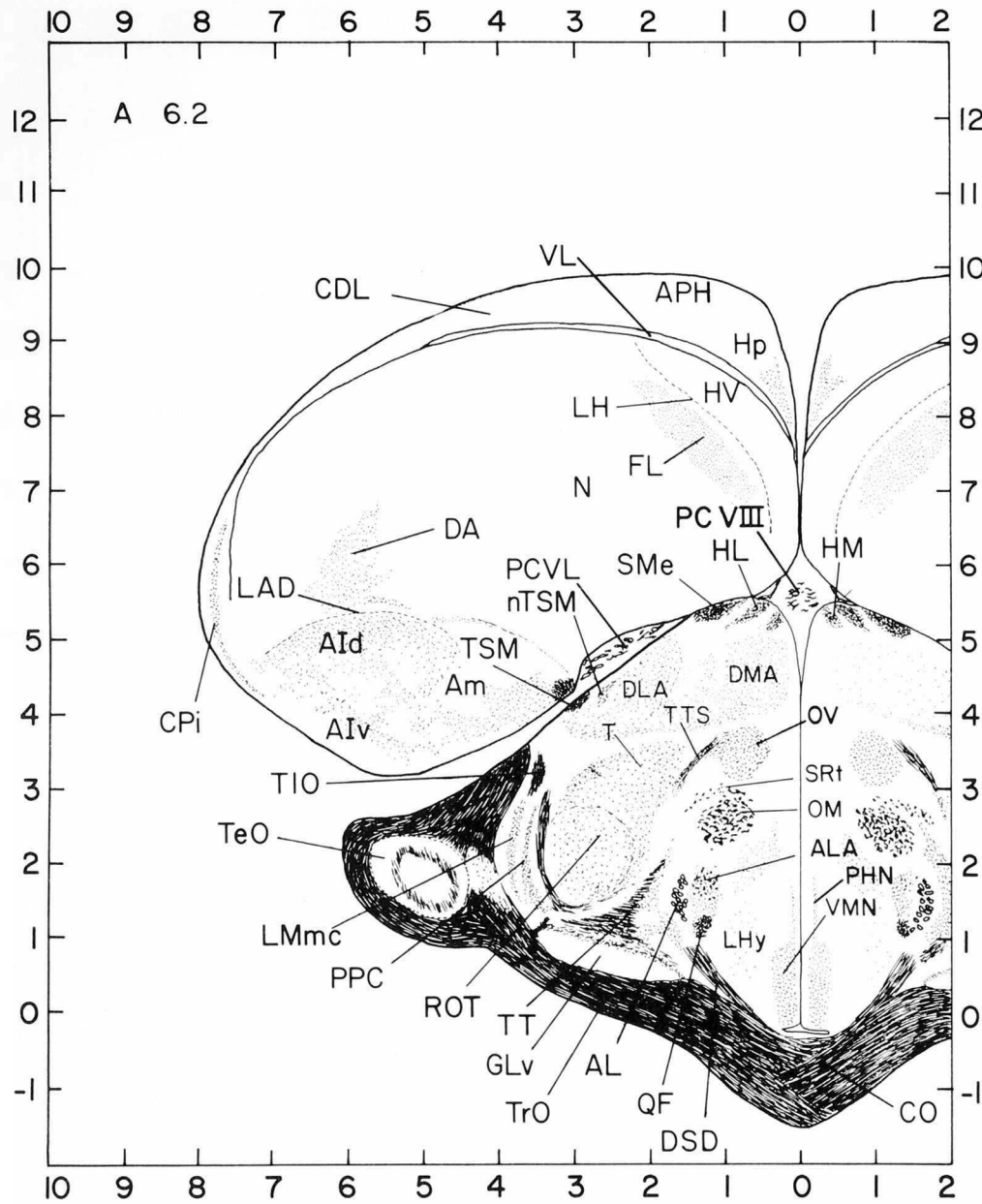




- AId Archistriatum intermedium, pars dorsalis (Zeier and Karten)
 Alv Archistriatum intermedium, pars ventralis (Zeier and Karten)
 AL Ansa lenticularis
 ALA Nucleus ansae lenticularis anterior [rostralis]
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 APH Area parahippocampalis
 CDL Area corticoidea dorsolateralis
 CO Chiasma opticum
 CPi Cortex piriformis
 DA Tractus dorso-archistriaticus
 DLAI Nucleus dorsolateralis anterior [rostralis] thalami, pars lateralis
 DLAm Nucleus dorsolateralis anterior [rostralis] thalami, pars medialis
 DMA Nucleus dorsomedialis anterior [rostralis] thalami
 DSD Decussatio supraoptica dorsalis
 DSV Decussatio supraoptica ventralis
 FL Field L
 FPL Fasciculus prosencephali lateralis (Lateral forebrain bundle)
 FPM Fasciculus prosencephali medialis (Medial forebrain bundle)
 GLv Nucleus geniculatus lateralis, pars ventralis
 HM Nucleus habenularis medialis
 Hp Hippocampus
 HV Hyperstriatum ventrale
 ICT Nucleus intercalatus thalami
 LAD Lamina archistriaticalis dorsalis
 LH Lamina hyperstriatica
 LHy Regio lateralis hypothalami (Lateral hypothalamic area)
 N Neostriatum
 nTSM Nucleus tractus septomesencephalicus (Nucleus superficialis parvocellularis)
 OM Tractus occipitomesencephalicus
 PCVL Plexus choroideus ventriculi lateralis (Choroid plexus within lateral ventricle)
 PHN Nucleus periventricularis hypothalami
 PPC Nucleus principalis precommissuralis
 PVN Nucleus paraventricularis magnocellularis (Paraventricular nucleus)
 QF Tractus quintofrontalis
 ROT Nucleus rotundus
 SMe Stria medullaris
 TeO Tectum opticum
 TIO Tractus isthmo-opticus
 Tn Nucleus taeniae
 TrO Tractus opticus
 TSM Tractus septomesencephalicus
 VL Ventriculus lateralis
 VMN Nucleus ventromedialis hypothalami

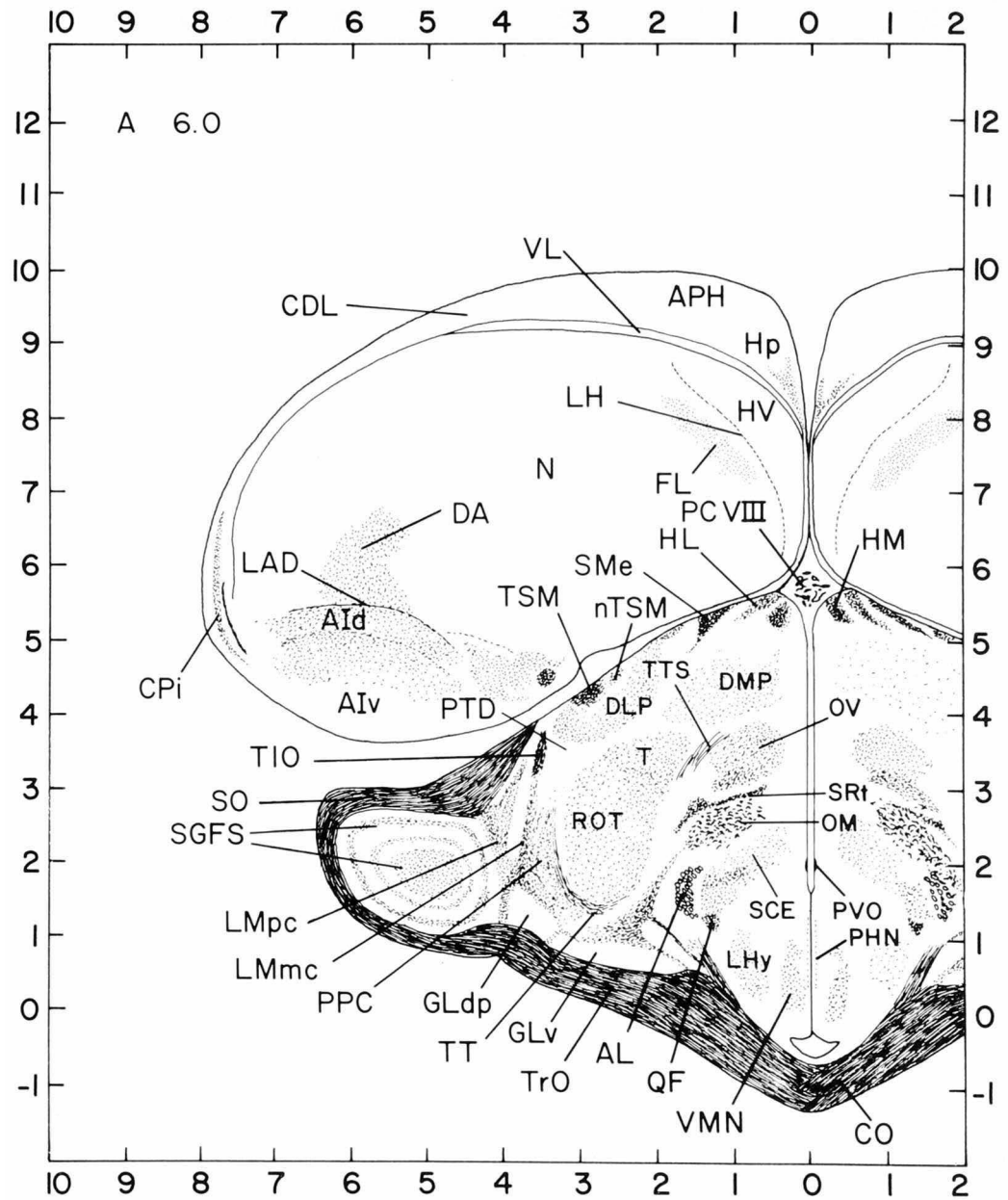
- Ald Archistriatum intermedium, pars dorsalis (Zeier and Karten)
- Alv Archistriatum intermedium, pars ventralis (Zeier and Karten)
- AL Ansa lenticularis
- ALA Nucleus ansae lenticularis anterior [rostralis]
- Am Archistriatum mediale (Zeier and Karten)
- APH Area parahippocampalis
- CDL Area corticoidea dorsolateralis
- CO Chiasma opticum
- CPI Cortex piriformis
- DA Tractus dorso-archistriaticus
- DLA Nucleus dorsolateralis anterior [rostralis] thalami
- DMA Nucleus dorsomedialis anterior [rostralis] thalami
- DSD Decussatio supraoptica dorsalis
- DSV Decussatio supraoptica ventralis
- FL Field L
- GLv Nucleus geniculatus lateralis, pars ventralis
- HL Nucleus habenularis lateralis
- HM Nucleus habenularis medialis
- Hp Hippocampus
- HV Hyperstriatum ventrale
- ICT Nucleus intercalatus thalami
- LAD Lamina archistriatalis dorsalis
- LH Lamina hyperstriatica
- LHy Regio lateralis hypothalami (Lateral hypothalamic area)
- LMmc Nucleus lentiformis mesencephali, pars magnocellularis
- N Neostriatum
- nTSM Nucleus tractus septomesencephalicus (Nucleus superficialis parvocellularis)
- OM Tractus occipitomesencephalicus
- OV Nucleus ovoidalis
- PCVL Plexus choroideus ventriculi lateralis (Choroid plexus within lateral ventricle)
- PHN Nucleus periventricularis hypothalami
- PPC Nucleus principalis precommissuralis
- PV Nucleus posteroventralis thalami (Kuhlenbeck)
- PVN Nucleus paraventricularis magnocellularis (Paraventricular nucleus)
- QF Tractus quintofrontalis
- ROT Nucleus rotundus
- SMe Stria medullaris
- SRt Nucleus subrotundus
- T Nucleus triangularis
- TeO Tectum opticum
- TIO Tractus isthmo-opticus
- Tn Nucleus taeniae
- TrO Tractus opticus
- TSM Tractus septomesencephalicus
- TT Tractus tectothalamicus
- TTS Tractus thalamostriaticus
- VL Ventriculus lateralis
- VMN Nucleus ventromedialis hypothalami

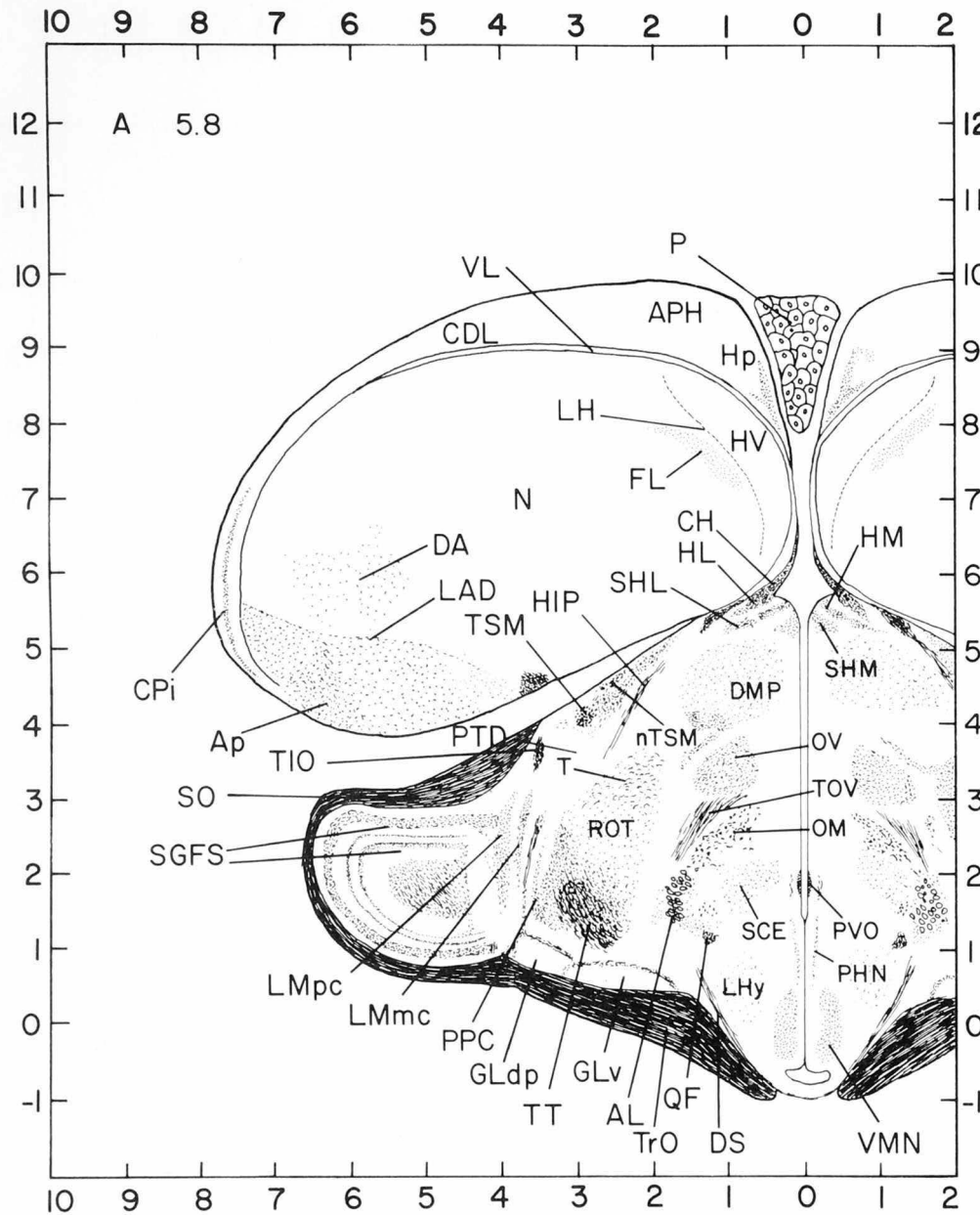




- Ald Archistriatum intermedium, pars dorsalis (Zeier and Karten)
- Aiv Archistriatum intermedium, pars ventralis (Zeier and Karten)
- AL Ansa lenticularis
- ALA Nucleus ansae lenticularis anterior (rostralis)
- Am Archistriatum mediale (Zeier and Karten)
- APH Area parahippocampalis
- CDL Area corticoidea dorsolateralis
- CO Chiasma opticum
- CPi Cortex piriformis
- DA Tractus dorso-archistriaticus
- DLA Nucleus dorsolateralis anterior (rostralis) thalami
- DMA Nucleus dorsomedialis anterior (rostralis) thalami
- DSD Decussatio supraoptica dorsalis
- FL Field L
- GLv Nucleus geniculatus lateralis, pars ventralis
- HL Nucleus habenularis lateralis
- HM Nucleus habenularis medialis
- Hp Hippocampus
- HV Hyperstriatum ventrale
- LAD Lamina archistriaticus dorsalis (Zeier and Karten)
- LH Lamina hyperstriatica
- LHy Regio lateralis hypothalami (Lateral hypothalamic area)
- LMmc Nucleus lentiformis mesencephali, pars magnocellularis
- N Neostriatum
- nTSM Nucleus tractus septomesencephalicus (Nucleus superficialis parvocellularis)
- OM Tractus occipitomesencephalicus
- OV Nucleus ovoidalis
- PCV III Plexus choroideus ventriculi tertii (Choroid plexus within third ventricle)
- PCVL Plexus choroideus ventriculi lateralis (Choroid plexus within lateral ventricle)
- PHN Nucleus periventricularis hypothalami
- PPC Nucleus principalis precommissuralis
- QF Tractus quintofrontalis
- ROT Nucleus rotundus
- SMe Stria medullaris
- SRT Nucleus subrotundus
- T Nucleus triangularis
- TeO Tectum opticum
- TIO Tractus isthmo-opticus
- TrO Tractus opticus
- TT Tractus tectothalamicus
- TTS Tractus thalamostriaticus
- VL Ventriculus lateralis
- VMN Nucleus ventromedialis hypothalami

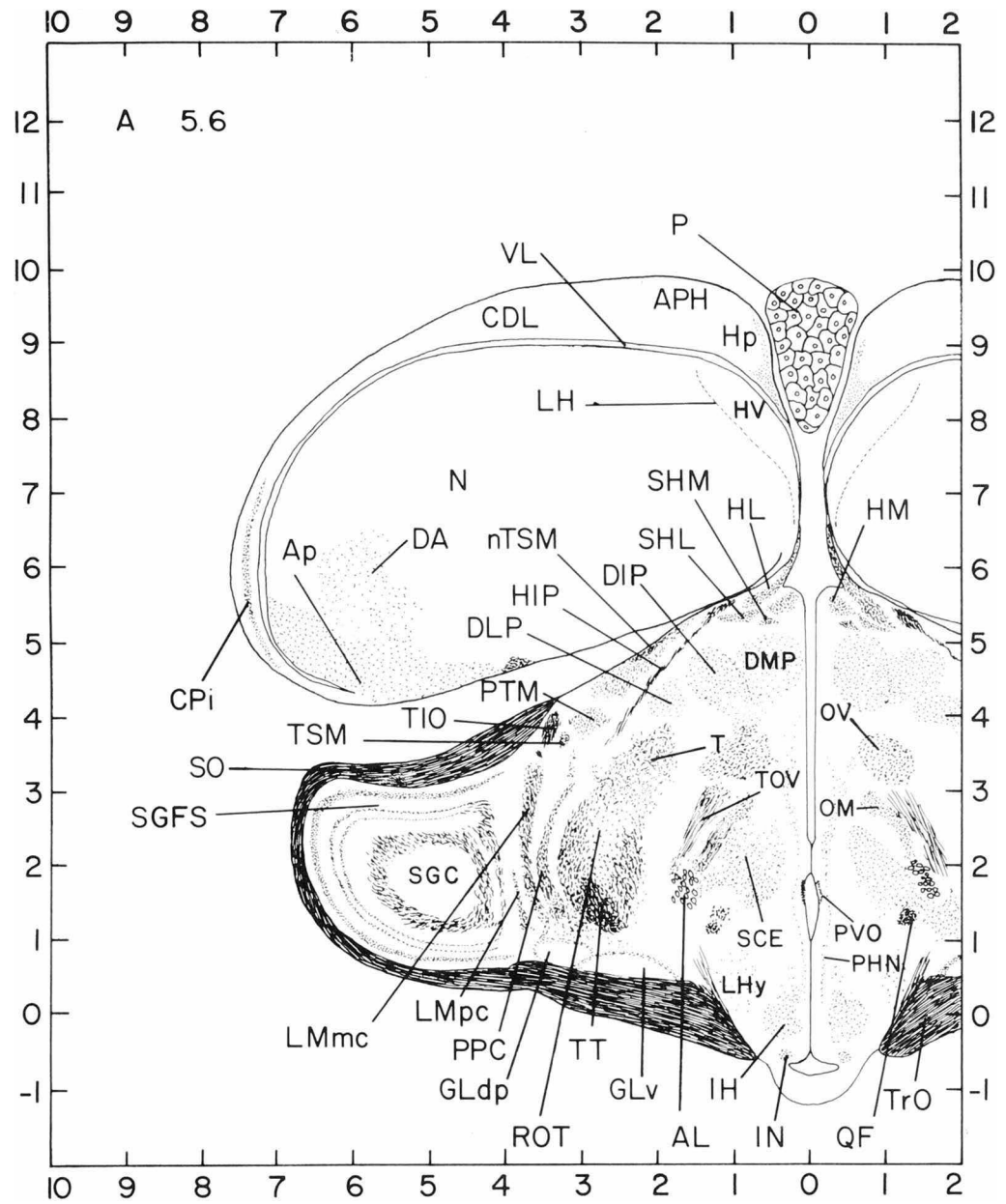
- Ald Archistriatum intermedium, pars dorsalis (Zeier and Karten)
- Alv Archistriatum intermedium, pars ventralis (Zeier and Karten)
- AL Ansa lenticularis
- APH Area parahippocampalis
- CDL Area corticoidea dorsolateralis
- CO Chiasma opticum
- CPi Cortex piriformis
- DA Tractus dorso-archistriaticus
- DLP Nucleus dorsolateralis posterior [caudalis] thalami
- DMP Nucleus dorsomedialis posterior [caudalis] thalami
- FL Field L
- GLdp Nucleus geniculatus lateralis, pars dorsalis principalis
- GLv Nucleus geniculatus lateralis, pars ventralis
- HL Nucleus habenularis lateralis
- HM Nucleus habenularis medialis
- Hp Hippocampus
- HV Hyperstriatum ventrale
- LAD Lamina archistriaticis dorsalis
- LH Lamina hyperstriatica
- LHy Regio lateralis hypothalami (Lateral hypothalamic area)
- LMmc Nucleus lentiformis mesencephali, pars magnocellularis
- LMpc Nucleus lentiformis mesencephali, pars parvocellularis
- N Neostriatum
- nTSM Nucleus tractus septomesencephalicus (Nucleus superficialis parvocellularis)
- OM Tractus occipitomesencephalicus
- OV Nucleus ovoidalis
- PCV III Plexus choroideus ventriculi tertii (Choroid plexus within third ventricle)
- PHN Nucleus periventricularis hypothalami
- PPC Nucleus principalis precommissuralis
- PTD Nucleus pretectalis diffusus
- PVO Organum paraventriculare (Paraventricular organ)
- QF Tractus quintofrontalis
- ROT Nucleus rotundus
- SCE Stratum cellulare externum
- SGFS Stratum griseum et fibrosum superficiale
- SMe Stria medullaris
- SO Stratum opticum
- SRt Nucleus subrotundus
- T Nucleus triangularis
- TIO Tractus isthmo-opticus
- TrO Tractus opticus
- TSM Tractus septomesencephalicus
- TT Tractus tectothalamicus
- TTS Tractus thalamostriaticus
- VL Ventriculus lateralis
- VMN Nucleus ventromedialis hypothalami

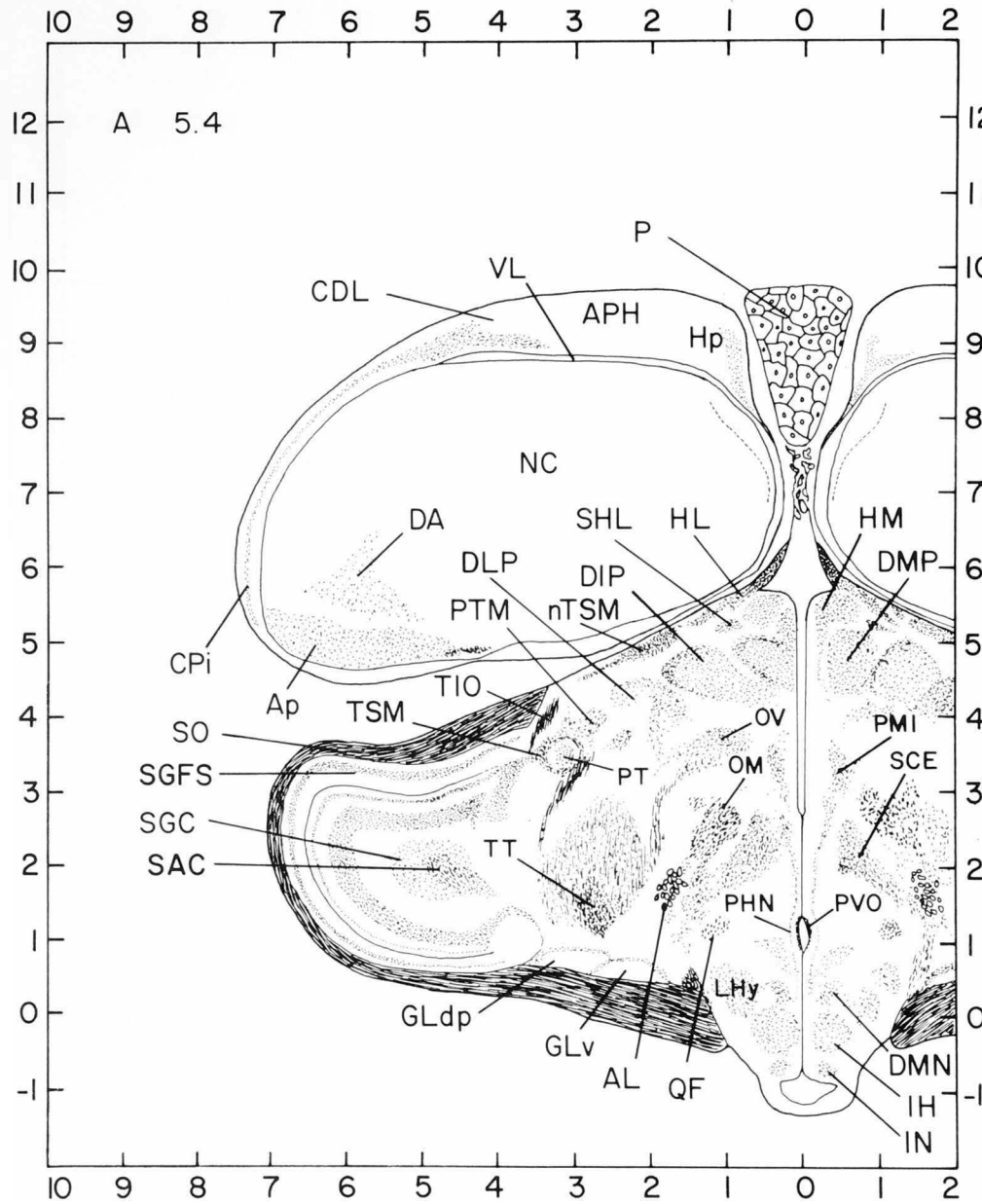




- AL Ansa lenticularis
- Ap Archistriatum posterior [caudale] (Zeier and Karten)
- APH Area parahippocampalis
- CDL Area corticoidea dorsolateralis
- CH Tractus corticohabenularis
- CPI Cortex piriformis
- DA Tractus dorso-archistriaticus
- DMP Nucleus dorsomedialis posterior [caudalis] thalami
- DS Decussatio supraoptica
- FL Field L
- GLdp Nucleus geniculatus lateralis, pars dorsalis principalis
- GLv Nucleus geniculatus lateralis, pars ventralis
- HIP Tractus habenulointerpeduncularis
- HL Nucleus habenularis lateralis
- HM Nucleus habenularis medialis
- Hp Hippocampus
- HV Hyperstriatum ventrale
- LAD Lamina archistriaticis dorsalis
- LH Lamina hyperstriatica
- LHy Regio lateralis hypothalami (Lateral hypothalamic area)
- LMmc Nucleus lentiformis mesencephali, pars magnocellularis
- LMpc Nucleus lentiformis mesencephali, pars parvocellularis
- N Neostriatum
- nTSM Nucleus tractus septomesencephalicus (Nucleus superficialis parvocellularis)
- OM Tractus occipitomesencephalicus
- OV Nucleus ovoidalis
- P Corpus pineale
- PHN Nucleus periventricularis hypothalami
- PPC Nucleus principalis precommissuralis
- PTD Nucleus pretektalis diffusus
- PVO Organum paraventriculare (Paraventricular organ)
- QF Tractus quinfrofrontalis
- ROT Nucleus rotundus
- SCE Stratum cellulare externum
- SGFS Stratum griseum et fibrosum superficiale
- SHL Nucleus subhabenularis lateralis
- SHM Nucleus subhabenularis medialis
- SO Stratum opticum
- T Nucleus triangularis
- TIO Tractus isthmo-opticus
- TOV Tractus nuclei ovoidalis
- TrO Tractus opticus
- TSM Tractus septomesencephalicus
- TT Tractus tectothalamicus
- VL Ventriculus lateralis
- VMN Nucleus ventromedialis hypothalami

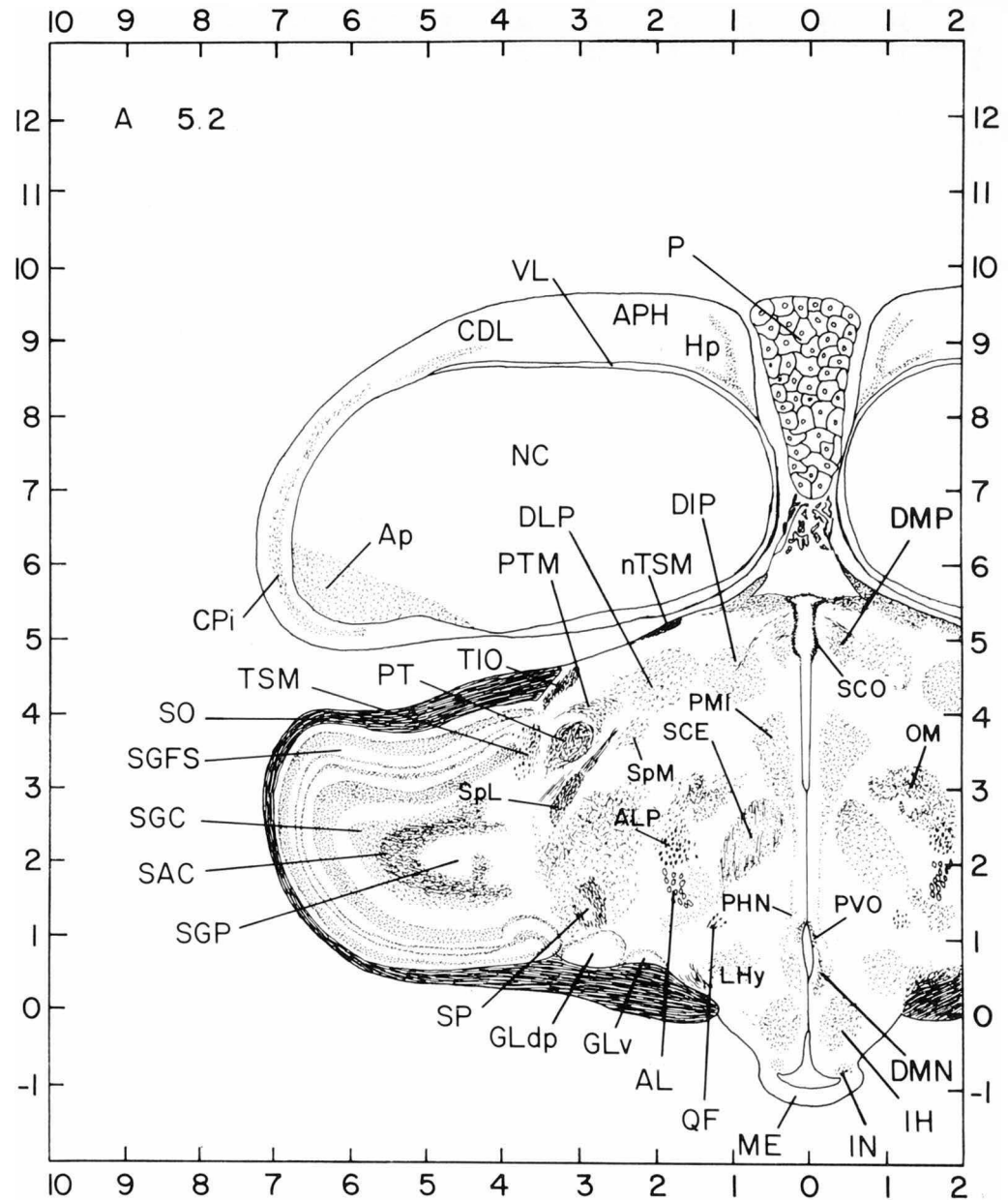
- AL Ansa lenticularis
- Ap Archistriatum posterior [caudale] (Zeier and Karten)
- APH Area parahippocampalis
- CDL Area corticoidea dorsolateralis
- CPi Cortex piriformis
- DA Tractus dorso-archistriaticus
- DIP Nucleus dorsointermedius posterior thalami
- DLP Nucleus dorsolateralis posterior [caudalis] thalami
- DMP Nucleus dorsomedialis posterior [caudalis] thalami
- GLdp Nucleus geniculatus lateralis, pars dorsalis principalis
- GLv Nucleus geniculatus lateralis, pars ventralis
- HIP Tractus habenulo-interpeduncularis
- HL Nucleus habenularis lateralis
- HM Nucleus habenularis medialis
- Hp Hippocampus
- HV Hyperstriatum ventrale
- IH Nucleus inferioris hypothalami
- IN Nucleus infundibuli hypothalami
- LH Lamina hyperstriatica
- LHy Regio lateralis hypothalami (Lateral hypothalamic area)
- LMmc Nucleus lentiformis mesencephali, pars magnocellularis
- LMpc Nucleus lentiformis mesencephali, pars parvocellularis
- N Neostriatum
- nTSM Nucleus tractus septomesencephalicus (Nucleus superficialis parvocellularis)
- OM Tractus occipitomesencephalicus
- OV Nucleus ovoidalis
- P Corpus pineale
- PHN Nucleus periventricularis hypothalami
- PPC Nucleus principalis precommissuralis
- PTM Nucleus pretectalis medialis
- PVO Organum paraventriculare (Paraventricular organ)
- QF Tractus quintofrontalis
- ROT Nucleus rotundus
- SCE Stratum cellulare externum
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SHL Nucleus subhabenularis lateralis
- SHM Nucleus subhabenularis medialis
- SO Stratum opticum
- T Nucleus triangularis
- TIO Tractus isthmo-opticus
- TOV Tractus nuclei ovoidalis
- TrO Tractus opticus
- TSM Tractus septomesencephalicus
- TT Tractus tectothalamicus
- VL Ventriculus lateralis

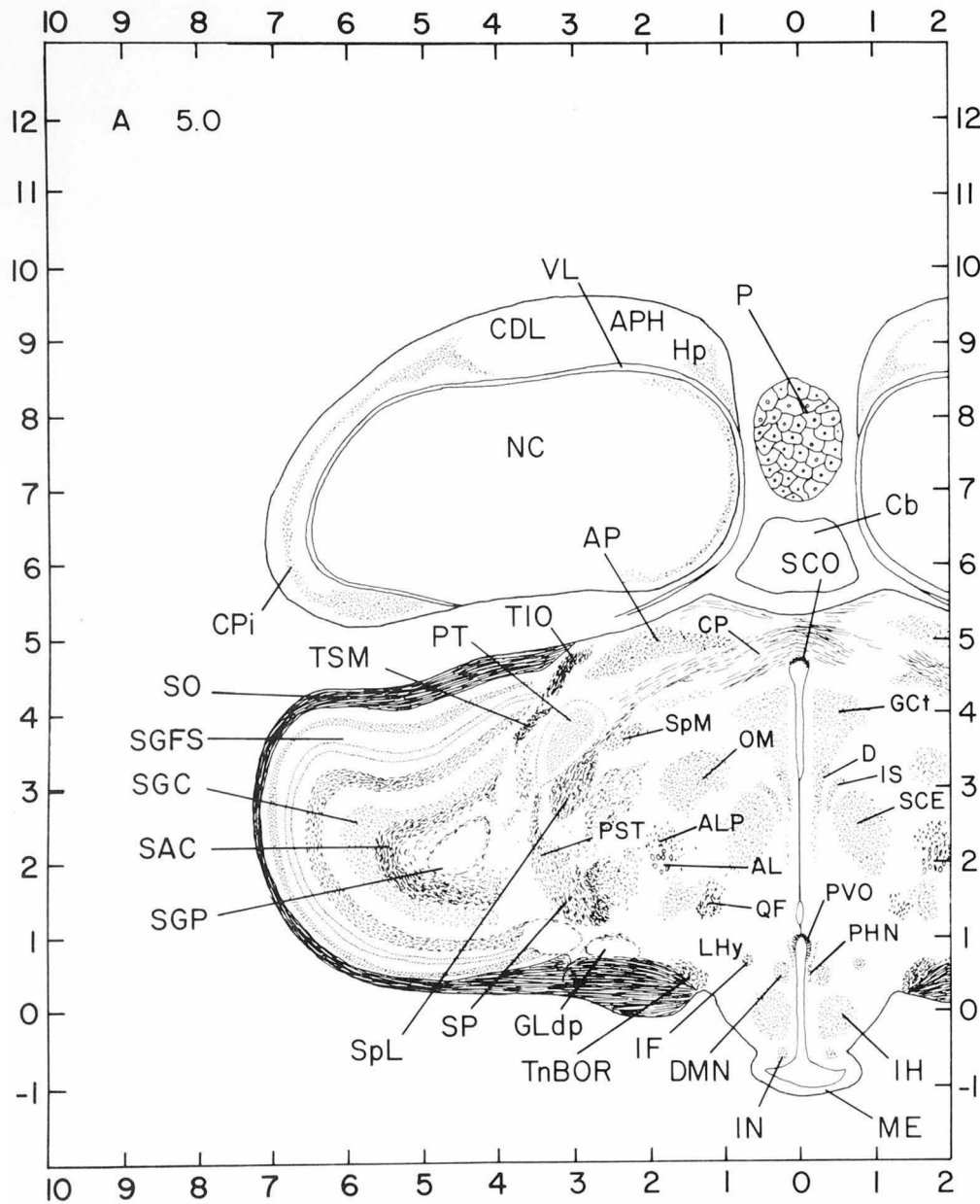




- AL Ansa lenticularis
- Ap Archistriatum posterior (caudale) (Zeier and Karten)
- APH Area parahippocampalis
- CDL Area corticoidea dorsolateralis
- CPi Cortex piriformis
- DA Tractus dorso-archistriaticus
- DIP Nucleus dorsointermedius posterior thalami
- DLP Nucleus dorsolateralis posterior (caudalis) thalami
- DMN Nucleus dorsomedialis hypothalami
- DMP Nucleus dorsomedialis posterior (caudalis) thalami
- GLdp Nucleus geniculatus lateralis, pars dorsalis principalis
- GLv Nucleus geniculatus lateralis, pars ventralis
- HL Nucleus habenularis lateralis
- HM Nucleus habenularis medialis
- Hp Hippocampus
- IH Nucleus inferioris hypothalami
- IN Nucleus infundibuli hypothalami
- LHy Regio lateralis hypothalami (Lateral hypothalamic area)
- NC Neostriatum caudale
- nTSM Nucleus tractus septomesencephalicus (Nucleus superficialis parvocellularis)
- OM Tractus occipitomesencephalicus
- OV Nucleus ovoidalis
- P Corpus pineale
- PHN Nucleus periventricularis hypothalami
- PMI Nucleus paramedianus internus thalami
- PT Nucleus pretektalis
- PTM Nucleus pretektalis medialis
- PVO Organum paraventriculare (Paraventricular organ)
- QF Tractus quintofrontalis
- SAC Stratum album centrale
- SCE Stratum cellulare externum
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SHL Nucleus subhabenularis lateralis
- SO Stratum opticum
- TIO Tractus isthmo-opticus
- TSM Tractus septomesencephalicus
- TT Tractus tectothalamicus
- VL Ventriculus lateralis

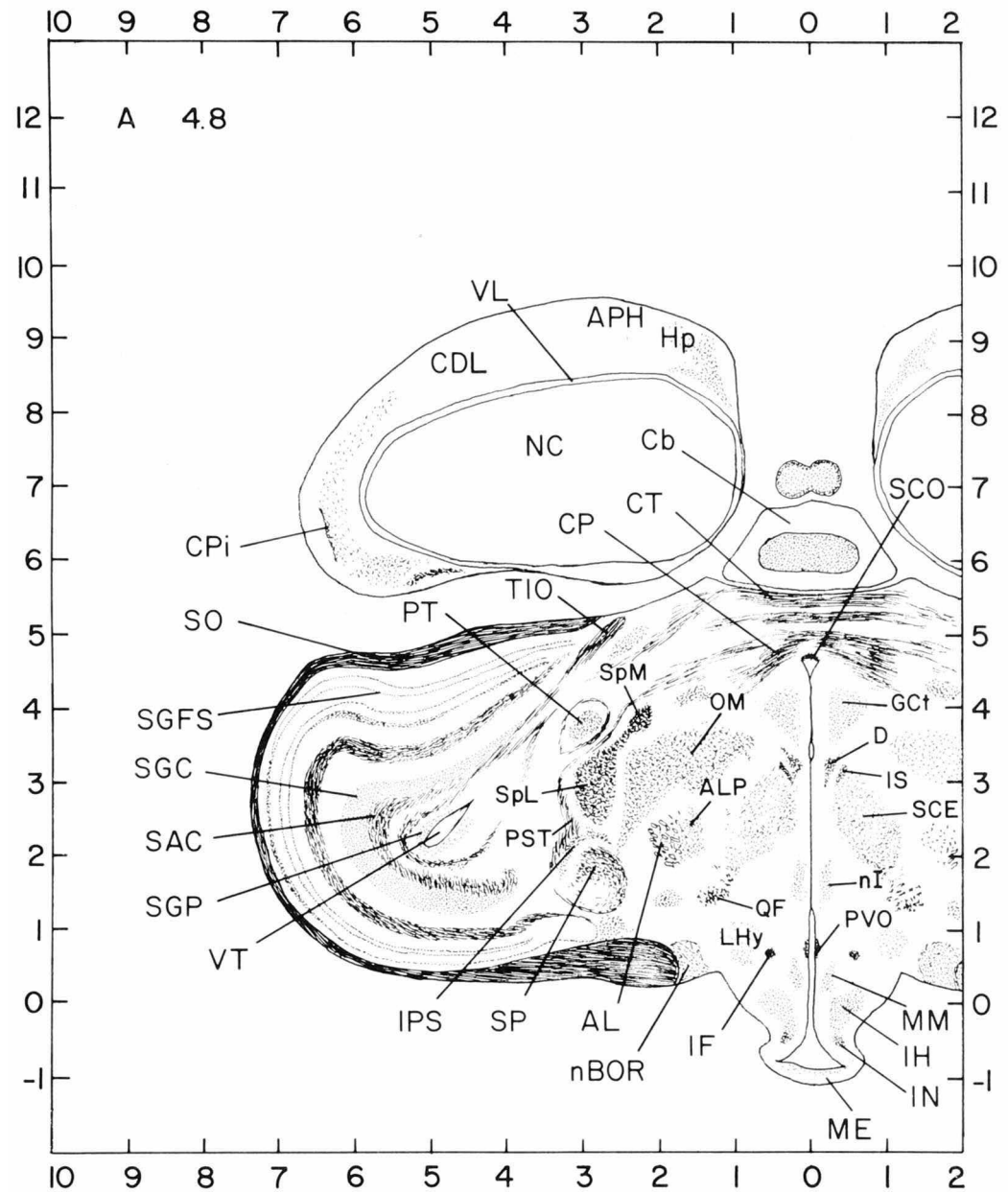
- AL Ansa lenticularis
- ALP Nucleus ansae lenticularis posterior [caudalis]
- Ap Archistriatum posterior [caudale] (Zeier and Karten)
- APH Area parahippocampalis
- CDL Area corticoidea dorsolateralis
- CPi Cortex piriformis
- DIP Nucleus dorsointermedius posterior thalami
- DLP Nucleus dorsolateralis posterior [caudalis] thalami
- DMN Nucleus dorsomedialis hypothalami
- DMP Nucleus dorsomedialis posterior [caudalis] thalami
- GLdp Nucleus geniculatus lateralis, pars dorsalis principalis
- GLv Nucleus geniculatus lateralis, pars ventralis
- Hp Hippocampus
- IH Nucleus inferioris hypothalami
- IN Nucleus infundibuli hypothalami
- LHy Regio lateralis hypothalami (Lateral hypothalamic area)
- ME Eminentia mediana (Median eminence)
- NC Neostriatum caudale
- nTSM Nucleus tractus septomesencephalicus (Nucleus superficialis parvocellularis)
- OM Tractus occipitomesencephalicus
- P Corpus pineale
- PHN Nucleus periventricularis hypothalami
- PMI Nucleus paramedianus internus thalami
- PT Nucleus pretectalis
- PTM Nucleus pretectalis medialis
- PVO Organum paraventriculare (Paraventricular organ)
- QF Tractus quintofrontalis
- SAC Stratum album centrale
- SCE Stratum cellulare externum
- SCO Organum subcommissurale (Subcommissural organ)
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SGP Stratum griseum periventriculare
- SO Stratum opticum
- SP Nucleus subpretectalis
- SpL Nucleus spiriformis lateralis
- SpM Nucleus spiriformis medialis
- TIO Tractus isthmo-opticus
- TSM Tractus septomesencephalicus
- VL Ventriculus lateralis

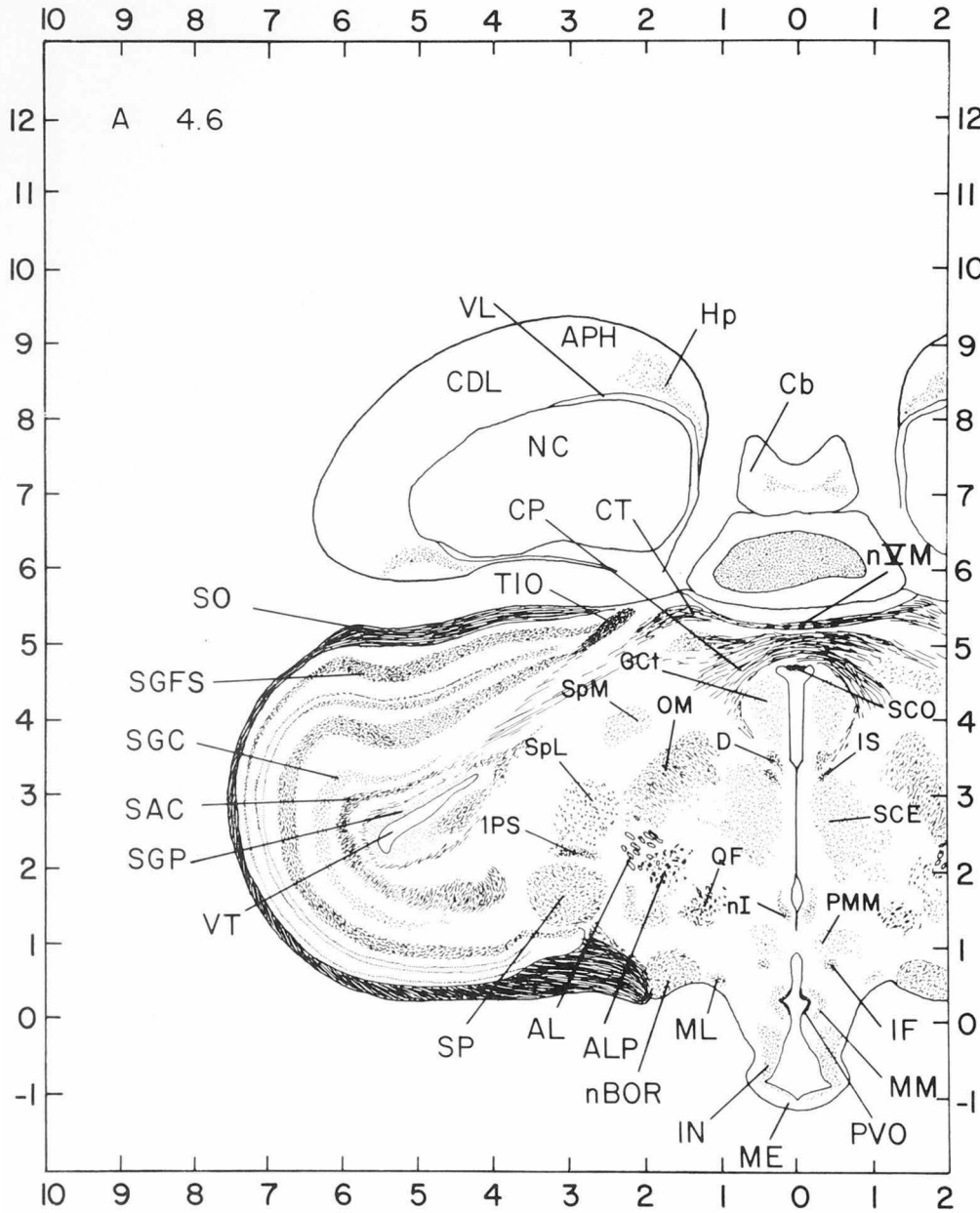




- AL Ansa lenticularis
- ALP Nucleus ansae lenticularis posterior [caudalis]
- AP Area pretectalis
- APH Area parahippocampalis
- Cb Cerebellum
- CDL Area corticoidea dorsolateralis
- CP Commissura posterior [caudalis] (Posterior commissure)
- CPi Cortex piriformis
- D Nucleus of Darkschewitsch; nucleus paragrisealis centralis mesencephali (ICAAN)
- DMN Nucleus dorsomedialis hypothalami
- Gct Substantia grisea centralis (Central gray)
- GLdp Nucleus geniculatus lateralis, pars dorsalis principalis
- Hp Hippocampus
- IF Tractus infundibularis
- IH Nucleus inferioris hypothalami
- IN Nucleus infundibuli hypothalami
- IS Nucleus interstitialis (Cajal)
- LHy Regio lateralis hypothalami (Lateral hypothalamic area)
- ME Eminentia mediana (Median eminence)
- NC Neostriatum caudale
- OM Tractus occipitomesencephalicus
- P Corpus pineale
- PHN Nucleus periventricularis hypothalami
- PST Tractus pretecto-subpretectalis
- PT Nucleus pretectalis
- PVO Organum paraventriculare (Paraventricular organ)
- QF Tractus quinfrofrontalis
- SAC Stratum album centrale
- SCE Stratum cellulare externum
- SCO Organum subcommissurale (Subcommissural organ)
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SGP Stratum griseum periventriculare
- SO Stratum opticum
- SP Nucleus subpretectalis
- SpL Nucleus spiriformis lateralis
- SpM Nucleus spiriformis medialis
- TIO Tractus isthmo-opticus
- TnBOR Tractus nuclei optici basalis (Tractus nuclei ectomamillaris; tract of the basal optic root)
- TSM Tractus septomesencephalicus
- VL Ventriculus lateralis

- AL Ansa lenticularis
- ALP Nucleus ansae lenticularis posterior (caudalis)
- APH Area parahippocampalis
- Cb Cerebellum
- CDL Area corticoidea dorsolateralis
- CP Commissura posterior (caudalis) (Posterior commissure)
- CPi Cortex piriformis
- CT Commissura tectalis
- D Nucleus of Darkschewitsch; nucleus paragrisealis centralis mesencephali (ICAAAN)
- GCt Substantia grisea centralis (Central gray)
- Hp Hippocampus
- IF Tractus infundibularis
- IH Nucleus inferioris hypothalami
- IN Nucleus infundibuli hypothalami
- IPS Nucleus interstitio-preecto-subpreectalis
- IS Nucleus interstitialis (Cajal)
- LHy Regio lateralis hypothalami (Lateral hypothalamic area)
- ME Eminentia mediana (Median eminence)
- MM Nucleus mamillaris medialis
- nBOR Nucleus opticus basalis; nucleus ectomamillaris (Nucleus of the basal optic root)
- NC Neostriatum caudale
- ni Nucleus intramedialis (Huber and Crosby), nucleus c (Rendahl)
- OM Tractus occipitomesencephalicus
- PST Tractus preecto-subpreectalis
- PT Nucleus preectalis
- PVO Organum paraventriculare (Paraventricular organ)
- QF Tractus quintofrontalis
- SAC Stratum album centrale
- SCE Stratum cellulare externum
- SCO Organum subcommissurale (Subcommissural organ)
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SGP Stratum griseum periventriculare
- SO Stratum opticum
- SP Nucleus subpreectalis
- SpL Nucleus spiriformis lateralis
- SpM Nucleus spiriformis medialis
- TIO Tractus isthmo-opticus
- VL Ventriculus lateralis
- VT Ventriculus tecti mesencephali





- AL Ansa lenticularis
- ALP Nucleus ansae lenticularis posterior (caudalis)
- APH Area parahippocampalis
- Cb Cerebellum
- CDL Area corticoidea dorsolateralis
- CP Commissura posterior [caudalis] (Posterior commissure)
- CT Commissura tectalis
- D Nucleus of Darkschewitsch; nucleus paragrisealis centralis mesencephali (ICAAN)
- GcT Substantia grisea centralis (Central gray)
- Hp Hippocampus
- IF Tractus infundibularis
- IN Nucleus infundibuli hypothalami
- IPS Nucleus interstitio-preecto-subpreectalis
- IS Nucleus interstitialis (Cajal)
- ME Eminentia mediana (Median eminence)
- ML Nucleus mamillaris lateralis
- MM Nucleus mamillaris medialis
- nBOR Nucleus opticus basalis; nucleus ectomamillaris (Nucleus of the basal optic root)
- nVM Nucleus mesencephalicus nervi trigemini
- NC Neostriatum caudale
- nI Nucleus intramedialis (Huber and Crosby), nucleus c (Rendahl)
- OM Tractus occipitomesencephalicus
- PMM Nucleus premamillaris
- PVO Organum paraventriculare (Paraventricular organ)
- QF Tractus quintofrontalis
- SAC Stratum album centrale
- SCE Stratum cellulare externum
- SCO Organum subcommissurale (Subcommissural organ)
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SGP Stratum griseum periventriculare
- SO Stratum opticum
- SP Nucleus subpreectalis
- SpL Nucleus spiriformis lateralis
- SpM Nucleus spiriformis medialis
- TIO Tractus isthmo-opticus
- VL Ventriculus lateralis
- VT Ventriculus tecti mesencephali

A 4.6 ENLARGEMENT OF OPTIC TECTUM*

Systems of nomenclature for the optic tectum:

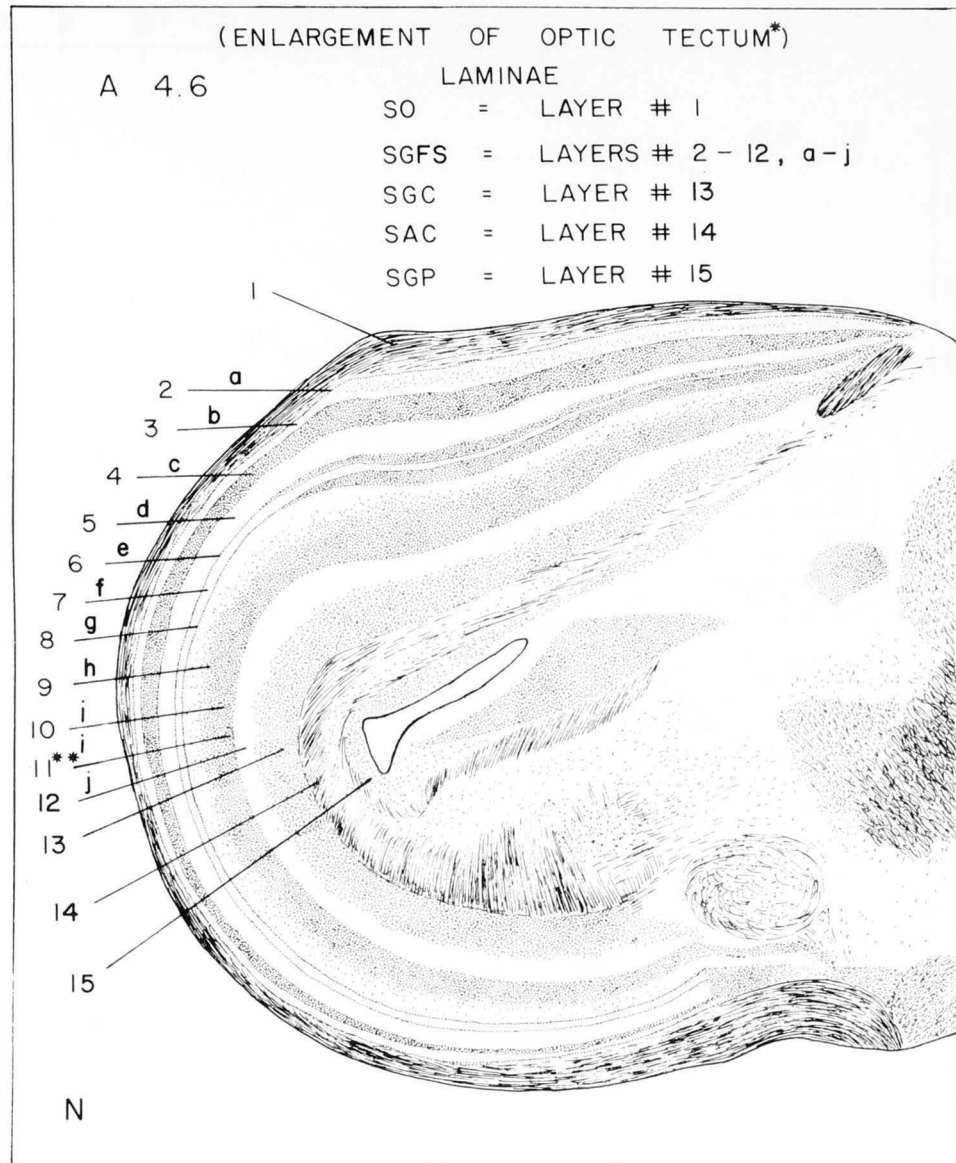
Numerical system (1-15)—Cajal (1911)

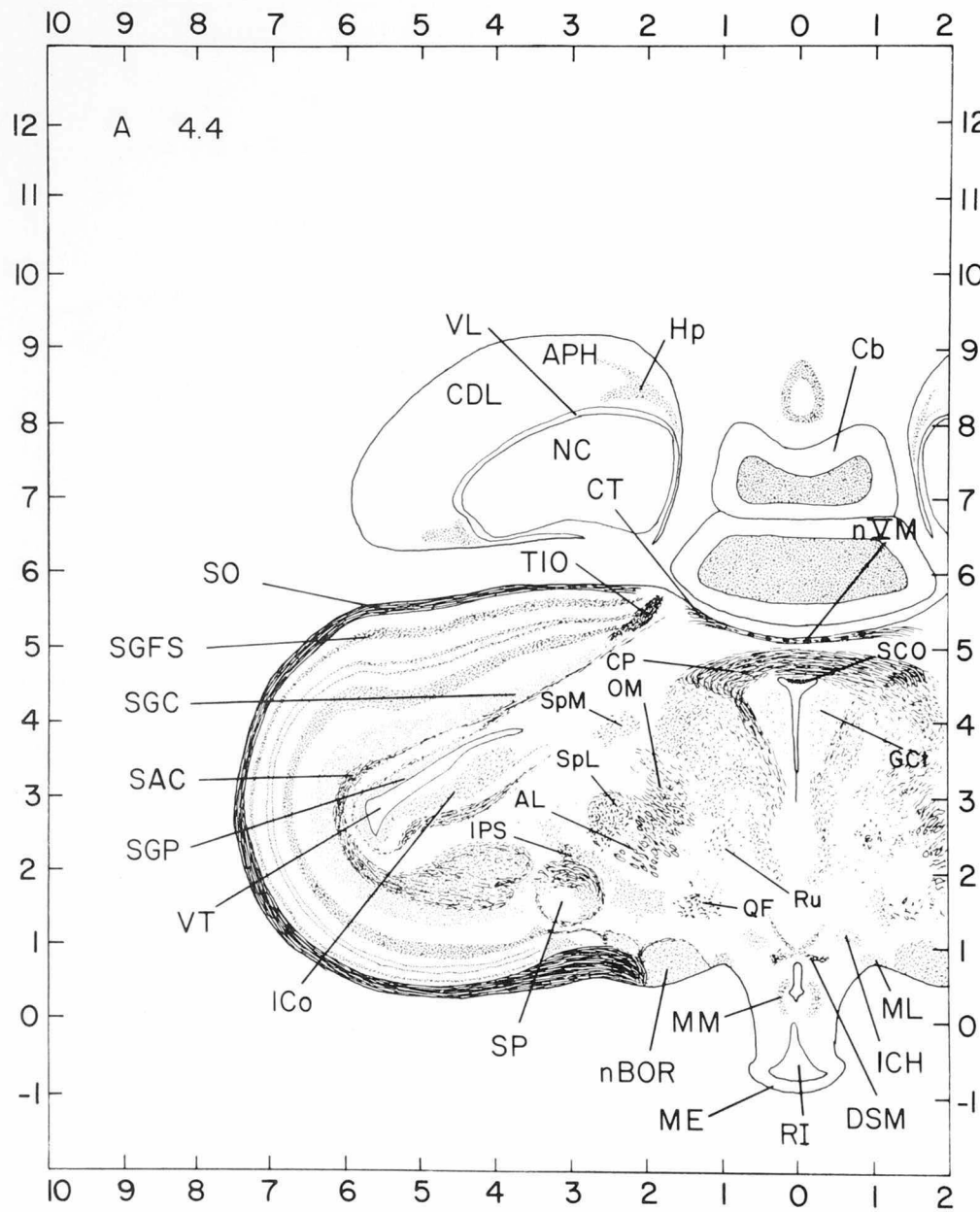
Alphabetic system (a-j)—Cowan, Adamson, and Powell (1961)

- SAC Stratum album centrale
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SGP Stratum griseum periventriculare
- SO Stratum opticum

* Optic tectum is also referred to as colliculus mesencephali (Cohen and Karten) and tectum mesencephali (ICAN).

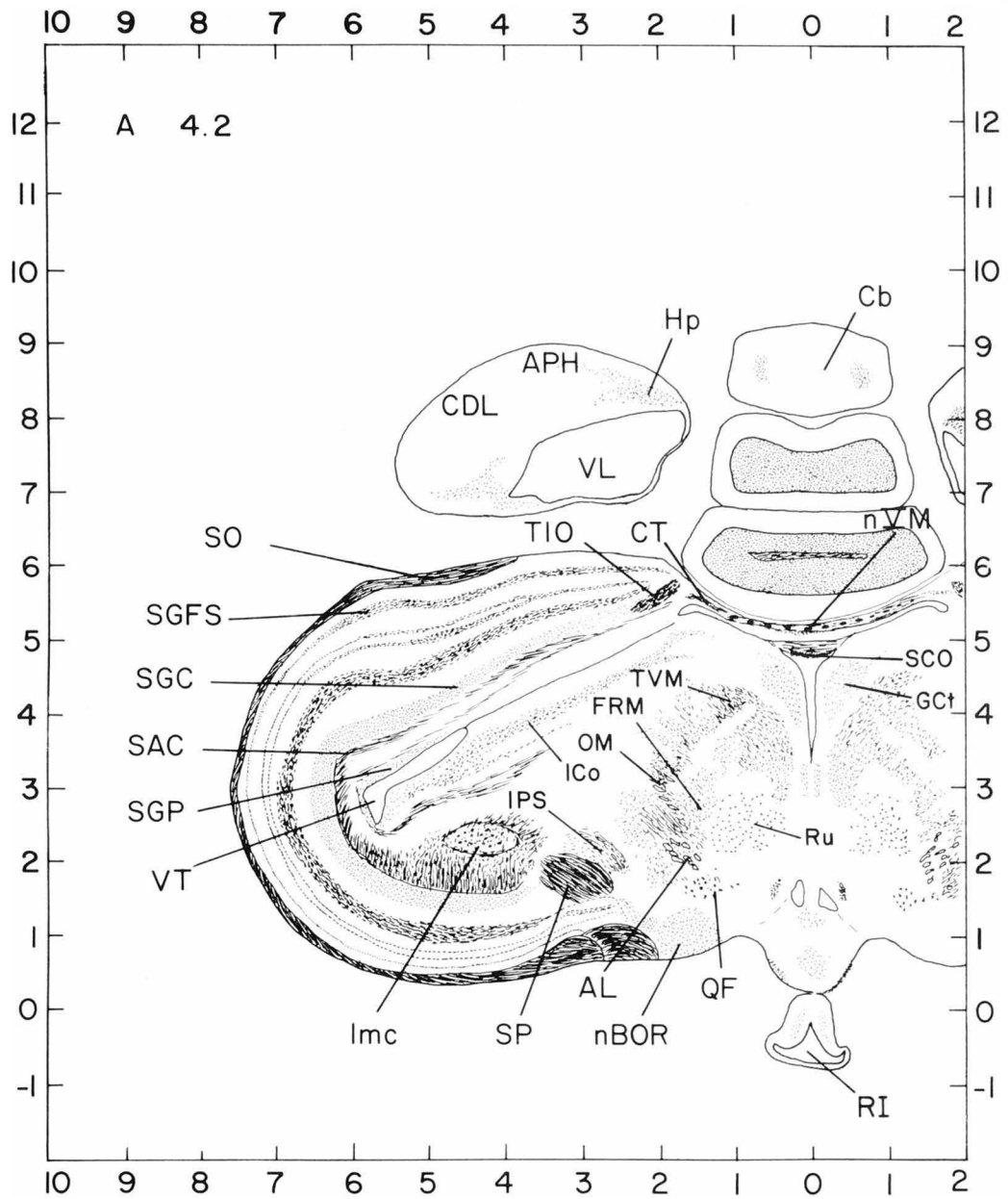
**Note that layer number 11 does not appear to be a distinct lamina in the chick. Cowan et al. (1961) likewise show layers 10 and 11 as one layer (layer i) in the pigeon. For clarification of the organization of the avian optic tectum refer to Hunt and Brecha (1984).

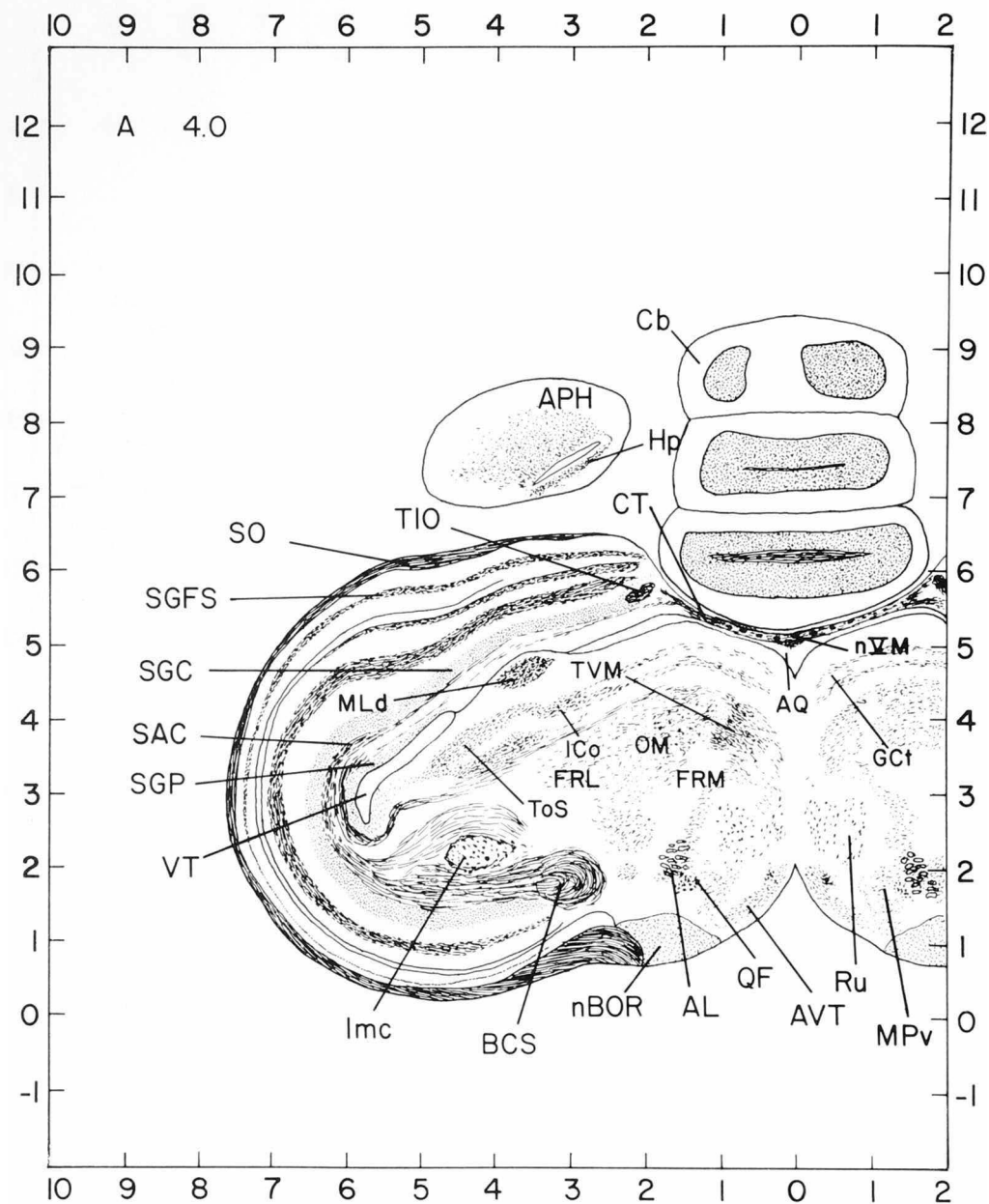




- AL Ansa lenticularis
- APH Area parahippocampalis
- Cb Cerebellum
- CDL Area corticoidea dorsolateralis
- CP Commissura posterior [caudalis] (Posterior commissure)
- CT Commissura tectalis
- DSM Decussatio supramamillaris
- GCt Substantia grisea centralis (Central gray)
- Hp Hippocampus
- ICH Nucleus intercalatus hypothalami
- ICo Nucleus intercollicularis
- IPS Nucleus interstitio-prepecto-subprepectalis
- ME Eminentia mediana (Median eminence)
- ML Nucleus mamillaris lateralis
- MM Nucleus mamillaris medialis
- nBOR Nucleus opticus basalis; nucleus ectomamillaris (Nucleus of the basal optic root)
- nVM Nucleus mesencephalicus nervi trigemini
- NC Neostriatum caudale
- OM Tractus occipitomesencephalicus
- QF Tractus quintofrontalis
- RI Recessus inframamillaris; recessus infundibuli (Infundibular recess)
- Ru Nucleus ruber
- SAC Stratum album centrale
- SCO Organum subcommissurale (Subcommissural organ)
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SGP Stratum griseum periventriculare
- SO Stratum opticum
- SP Nucleus subprepectalis
- SpL Nucleus spiriformis lateralis
- SpM Nucleus spiriformis medialis
- TIO Tractus isthmo-opticus
- VL Ventriculus lateralis
- VT Ventriculus tecti mesencephali

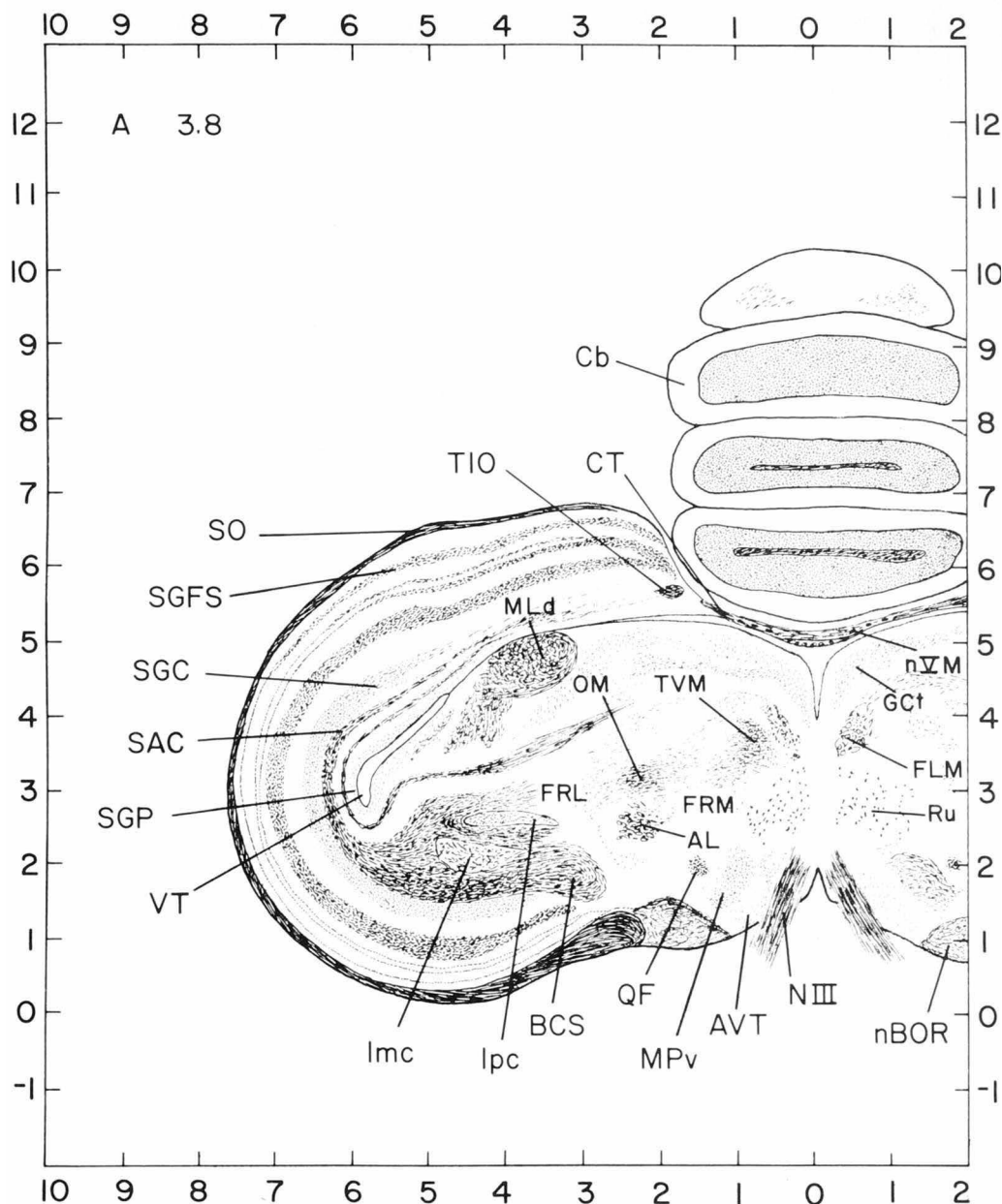
- AL Ansa lenticularis
- APH Area parahippocampalis
- Cb Cerebellum
- CDL Area corticoidea dorsolateralis
- CT Commissura tectalis
- FRM Formatio reticularis medialis mesencephali
- GCt Substantia grisea centralis (Central gray)
- Hp Hippocampus
- ICo Nucleus intercollicularis
- Imc Nucleus isthmi, pars magnocellularis
- IPS Nucleus interstio-prelecto-subprelectalis
- nBOR Nucleus opticus basalis; nucleus ectomamillaris (Nucleus of the basal optic root)
- n V M Nucleus mesencephalicus nervi trigemini
- OM Tractus occipitomesencephalicus
- QF Tractus quintofrontalis
- RI Recessus inframamillaris; recessus infundibuli (Infundibular recess)
- Ru Nucleus ruber
- SAC Stratum album centrale
- SCO Organum subcommissurale (Subcommissural organ)
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SGP Stratum griseum periventriculare
- SO Stratum opticum
- SP Nucleus subprelectalis
- TIO Tractus isthmo-opticus
- TVM Tractus vestibulomesencephalicus (Papez)
- VL Ventriculus lateralis
- VT Ventriculus tecti mesencephali

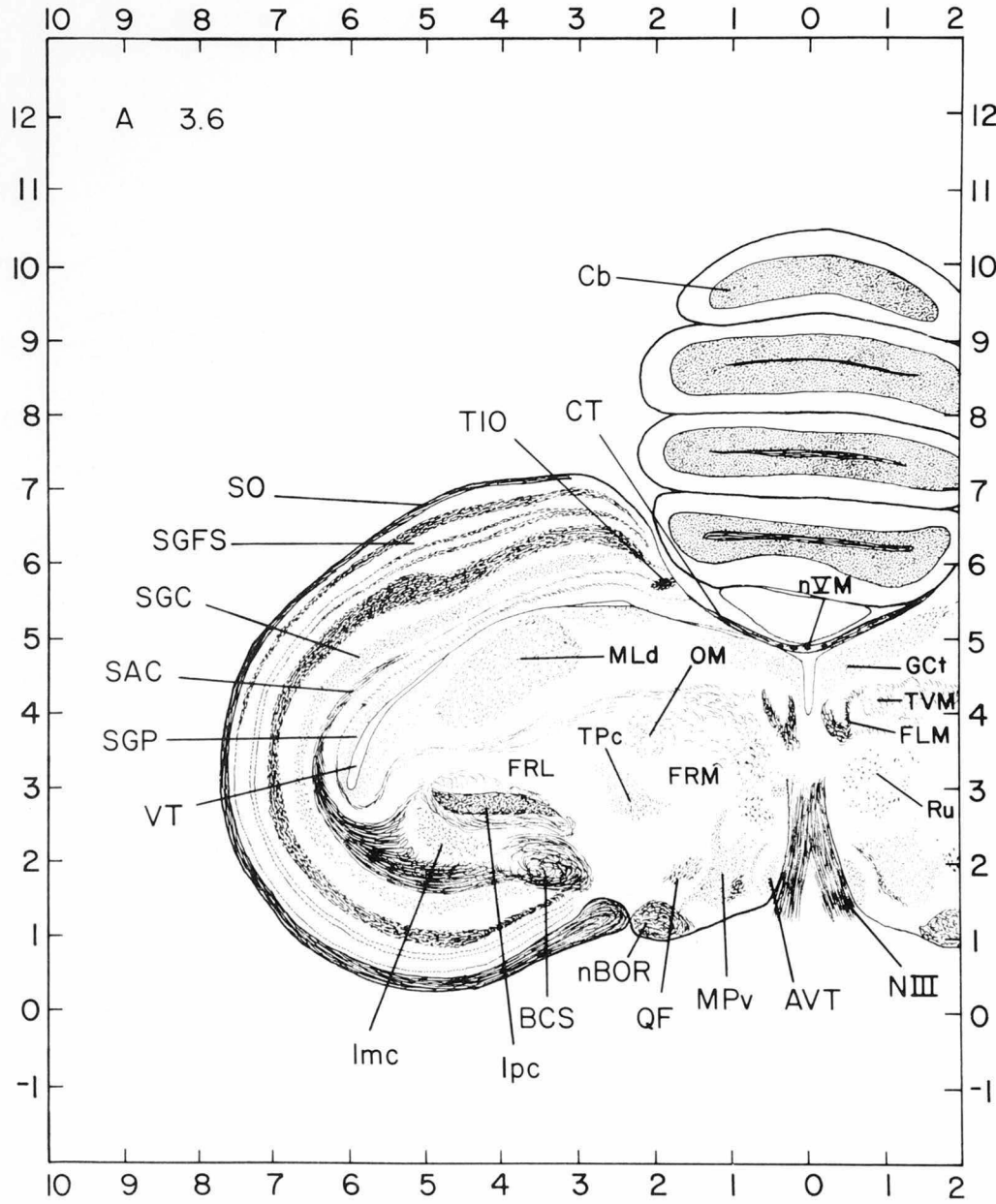




- AL Ansa lenticularis
- APH Area parahippocampalis
- AQ Aqueductus mesencephali
- AVT Area ventralis (Tsai)
- BCS Brachium colliculi superioris
- Cb Cerebellum
- CT Commissura tectalis
- FRL Formatio reticularis lateralis mesencephali
- FRM Formatio reticularis medialis mesencephali
- Gct Substantia grisea centralis (Central gray)
- Hp Hippocampus
- ICo Nucleus intercollicularis
- Imc Nucleus isthmi, pars magnocellularis
- MLd Nucleus mesencephalicus lateralis, pars dorsalis
- MPv Nucleus mesencephalicus profundus, pars ventralis (Jungherr)
- nBOR Nucleus opticus basalis; nucleus ectomamillaris (Nucleus of the basal optic root)
- n V M Nucleus mesencephalicus nervi trigemini
- OM Tractus occipitomesencephalicus
- QF Tractus quintofrontalis
- Ru Nucleus ruber
- SAC Stratum album centrale
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SGP Stratum griseum periventriculare
- SO Stratum opticum
- TIO Tractus isthmo-opticus
- ToS Torus semicircularis
- TVM Tractus vestibulomesencephalicus (Papez)
- VT Ventriculus tecti mesencephali

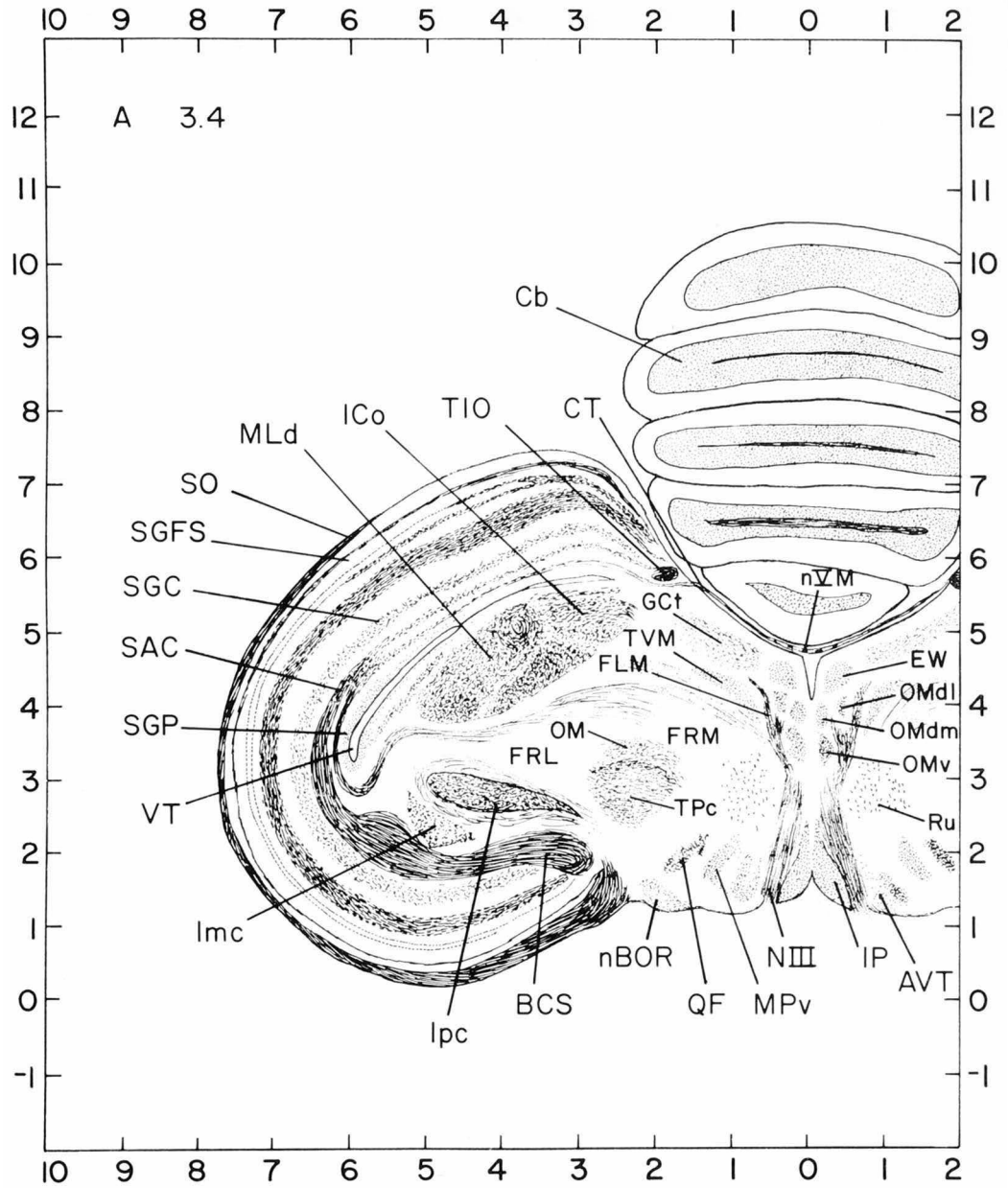
- AL Ansa lenticularis
- AVT Area ventralis (Tsai)
- BCS Brachium colliculi superioris
- Cb Cerebellum
- CT Commissura tectalis
- FLM Fasciculus longitudinalis medialis
- FRL Formatio reticularis lateralis mesencephali
- FRM Formatio reticularis medialis mesencephali
- GCt Substantia grisea centralis (Central gray)
- lmc Nucleus isthmi, pars magno-cellularis
- lpc Nucleus isthmi, pars parvocellularis
- MLd Nucleus mesencephalicus lateralis, pars dorsalis
- MPv Nucleus mesencephalicus profundus, pars ventralis (Jungherr)
- N III Nervus oculomotorius
- nBOR Nucleus opticus basalis; nucleus ectomamillaris (Nucleus of the basal optic root)
- nVM Nucleus mesencephalicus nervi trigemini
- OM Tractus occipitomesencephalicus
- QF Tractus quinfofrontalis
- Ru Nucleus ruber
- SAC Stratum album centrale
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SGP Stratum griseum periventriculare
- SO Stratum opticum
- TIO Tractus isthmo-opticus
- TVM Tractus vestibulomesencephalicus (Papez)
- VT Ventriculus tecti mesencephali



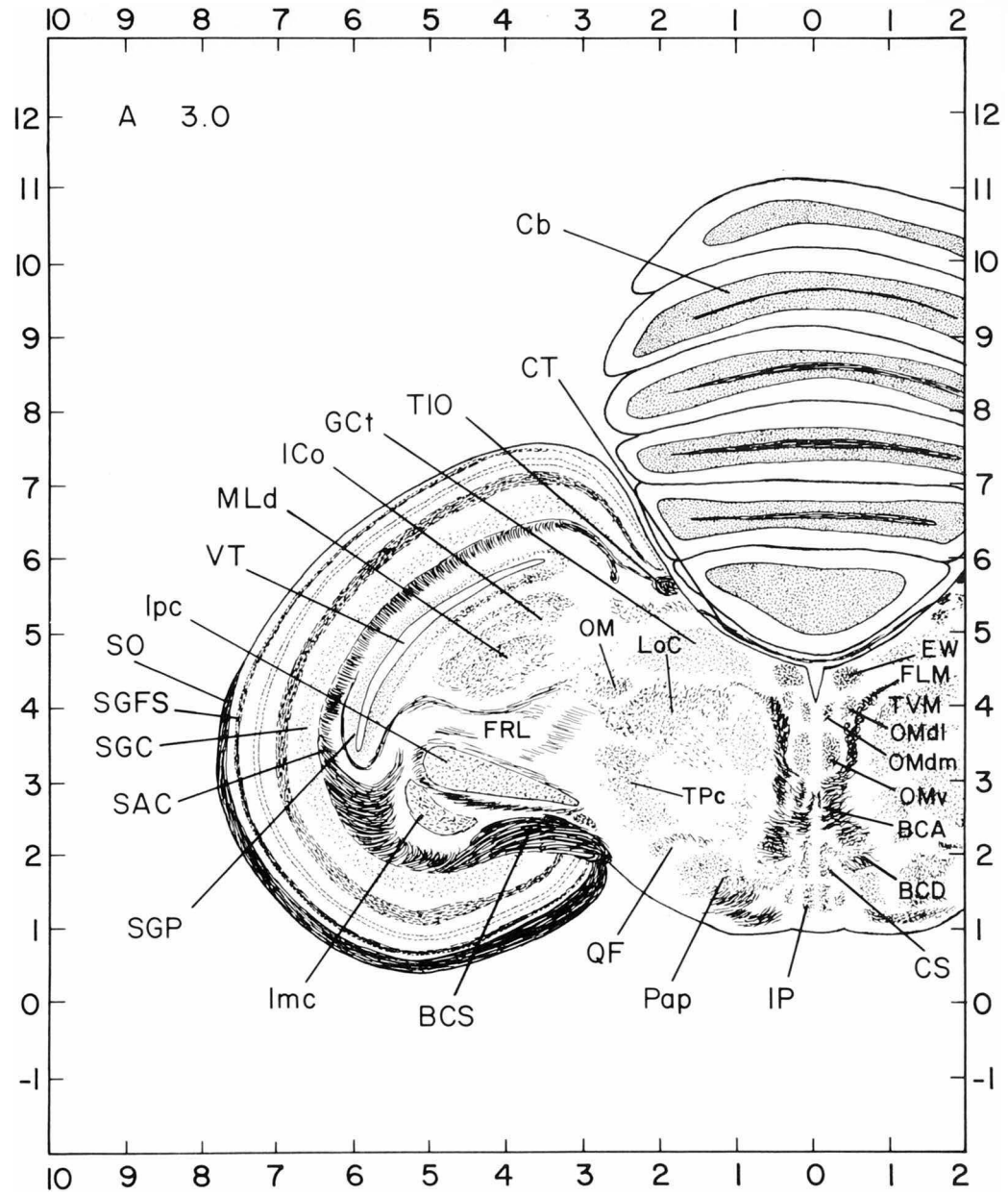


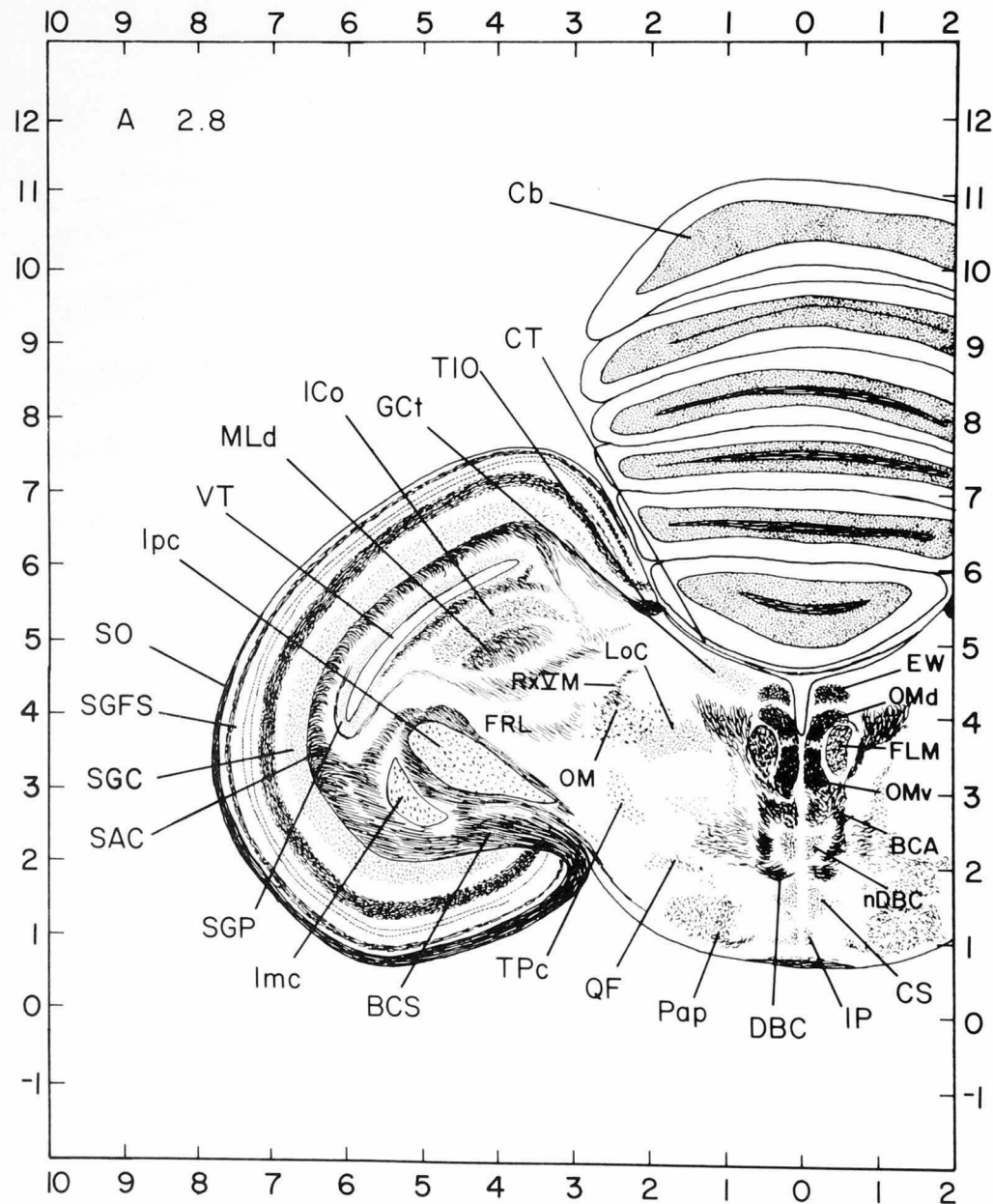
- AVT Area ventralis (Tsai)
- BCS Brachium colliculi superioris
- Cb Cerebellum
- CT Commissura tectalis
- FLM Fasciculus longitudinalis medialis
- FRL Formatio reticularis lateralis mesencephali
- FRM Formatio reticularis medialis mesencephali
- GCT Substantia grisea centralis (Central gray)
- lmc Nucleus isthmi, pars magnocellularis
- lpc Nucleus isthmi, pars parvocellularis
- MLd Nucleus mesencephalicus lateralis, pars dorsalis
- MPv Nucleus mesencephalicus profundus, pars ventralis (Jungheer)
- N III Nervus oculomotorius
- nBOR Nucleus opticus basalis: nucleus ectomamillaris (Nucleus of the basal optic root)
- nVM Nucleus mesencephalicus nervi trigemini
- OM Tractus occipitomesencephalicus
- QF Tractus quintofrontalis
- Ru Nucleus ruber
- SAC Stratum album centrale
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SGP Stratum griseum periventriculare
- SO Stratum opticum
- TIO Tractus isthmo-opticus
- TPc Nucleus tegmenti pedunculo-pontinus, pars compacta (Substantia nigra)
- TVM Tractus vestibulomesencephalicus (Papez)
- VT Ventriculus tecti mesencephali

- AVT Area ventralis (Tsai)
- BCS Brachium colliculi superioris
- Cb Cerebellum
- CT Commissura tectalis
- EW Nucleus of Edinger-Westphal; nucleus nervi oculomotorii, pars accessoria (ICAAN)
- FLM Fasciculus longitudinalis medialis
- FRL Formatio reticularis lateralis mesencephali
- FRM Formatio reticularis medialis mesencephali
- GCt Substantia grisea centralis (Central gray)
- ICo Nucleus intercollicularis
- Imc Nucleus isthmi, pars magnocellularis
- IP Nucleus interpeduncularis
- Ipc Nucleus isthmi, pars parvocellularis
- MLd Nucleus mesencephalicus lateralis, pars dorsalis
- MPv Nucleus mesencephalicus profundus, pars ventralis (Jungheer)
- N III Nervus oculomotorius
- nBOR Nucleus opticus basalis; nucleus ectomamillaris (Nucleus of the basal optic root)
- nVM Nucleus mesencephalicus nervi trigemini
- OM Tractus occipitomesencephalicus
- OMdl Nucleus nervi oculomotorii pars dorsolateralis
- OMdm Nucleus nervi oculomotorii, pars dorsomedialis
- OMv Nucleus nervi oculomotorii, pars ventralis
- QF Tractus quintofrontalis
- Ru Nucleus ruber
- SAC Stratum album centrale
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SGP Stratum griseum periventriculare
- SO Stratum opticum
- TIO Tractus isthmo-opticus
- TPc Nucleus tegmenti pedunculo-pontinus, pars compacta (Substantia nigra)
- TVM Tractus vestibulomesencephalicus (Papezi)
- VT Ventriculus tecti mesencephali



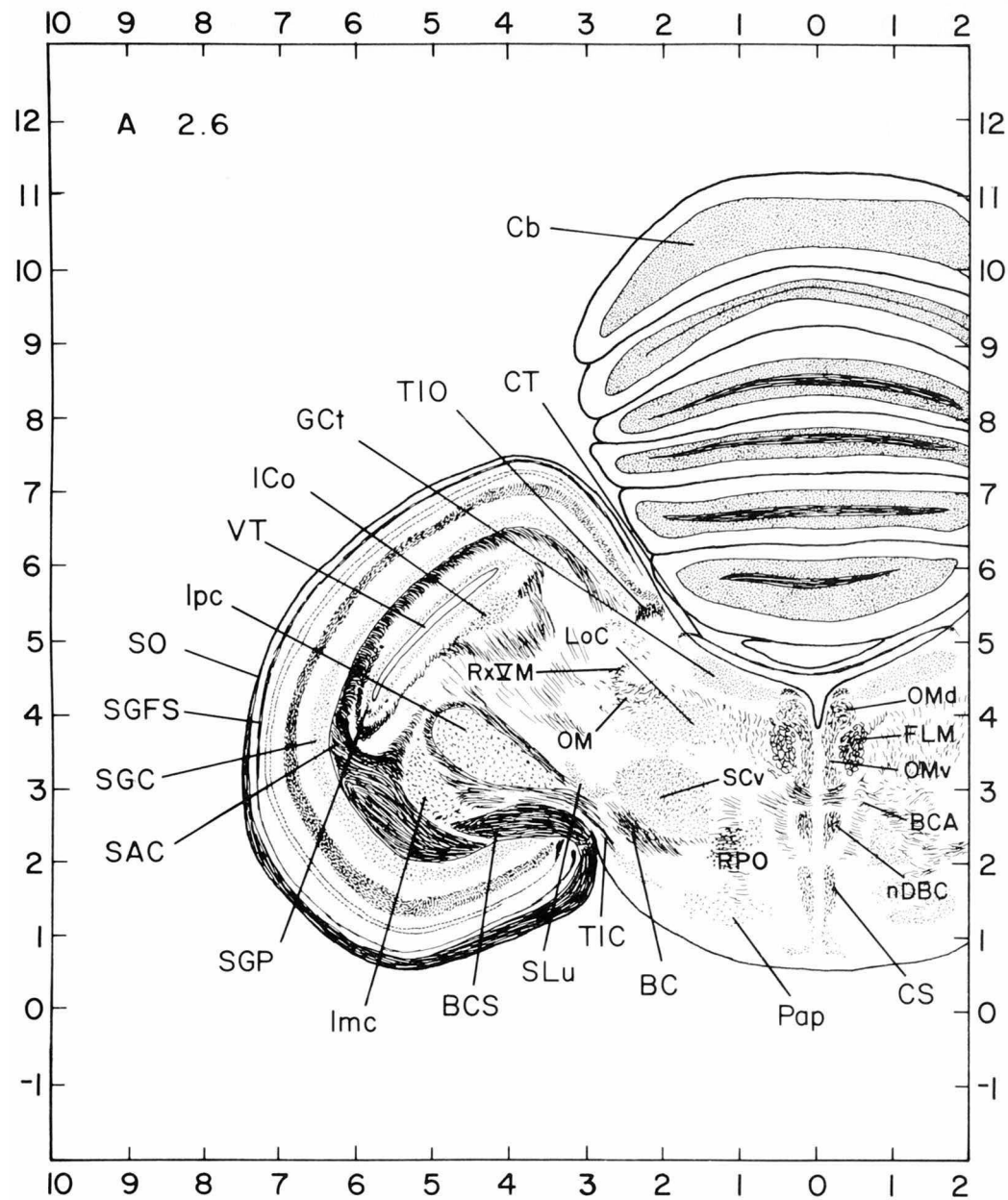
- BCA Brachium conjunctivum ascendens
- BCD Brachium conjunctivum descendens
- BCS Brachium colliculi superioris
- Cb Cerebellum
- CS Nucleus centralis superior (Bechterew)
- CT Commissura tectalis
- EW Nucleus of Edinger-Westphal; nucleus nervi oculomotorii, pars accessoria (ICAAN)
- FLM Fasciculus longitudinalis medialis
- FRL Formatio reticularis lateralis mesencephali
- GCt Substantia grisea centralis (Central gray)
- ICo Nucleus intercollicularis
- Imc Nucleus isthmi, pars magnocellularis
- IP Nucleus interpeduncularis
- Ipc Nucleus isthmi, pars parvocellularis
- LoC Locus ceruleus
- MLd Nucleus mesencephalicus lateralis, pars dorsalis
- OM Tractus occipitomesencephalicus
- OMdl Nucleus nervi oculomotorii, pars dorsolateralis
- OMdm Nucleus nervi oculomotorii, pars dorsomedialis
- OMv Nucleus nervi oculomotorii, pars ventralis
- Pap Nucleus papilliformis
- QF Tractus quintofrontalis
- SAC Stratum album centrale
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SGP Stratum griseum periventriculare
- SO Stratum opticum
- TIO Tractus isthmo-opticus
- TPc Nucleus tegmenti pedunculo-pontinus, pars compacta (Substantia nigra)
- TVM Tractus vestibulomesencephalicus (Papez)
- VT Ventriculus tecti mesencephali

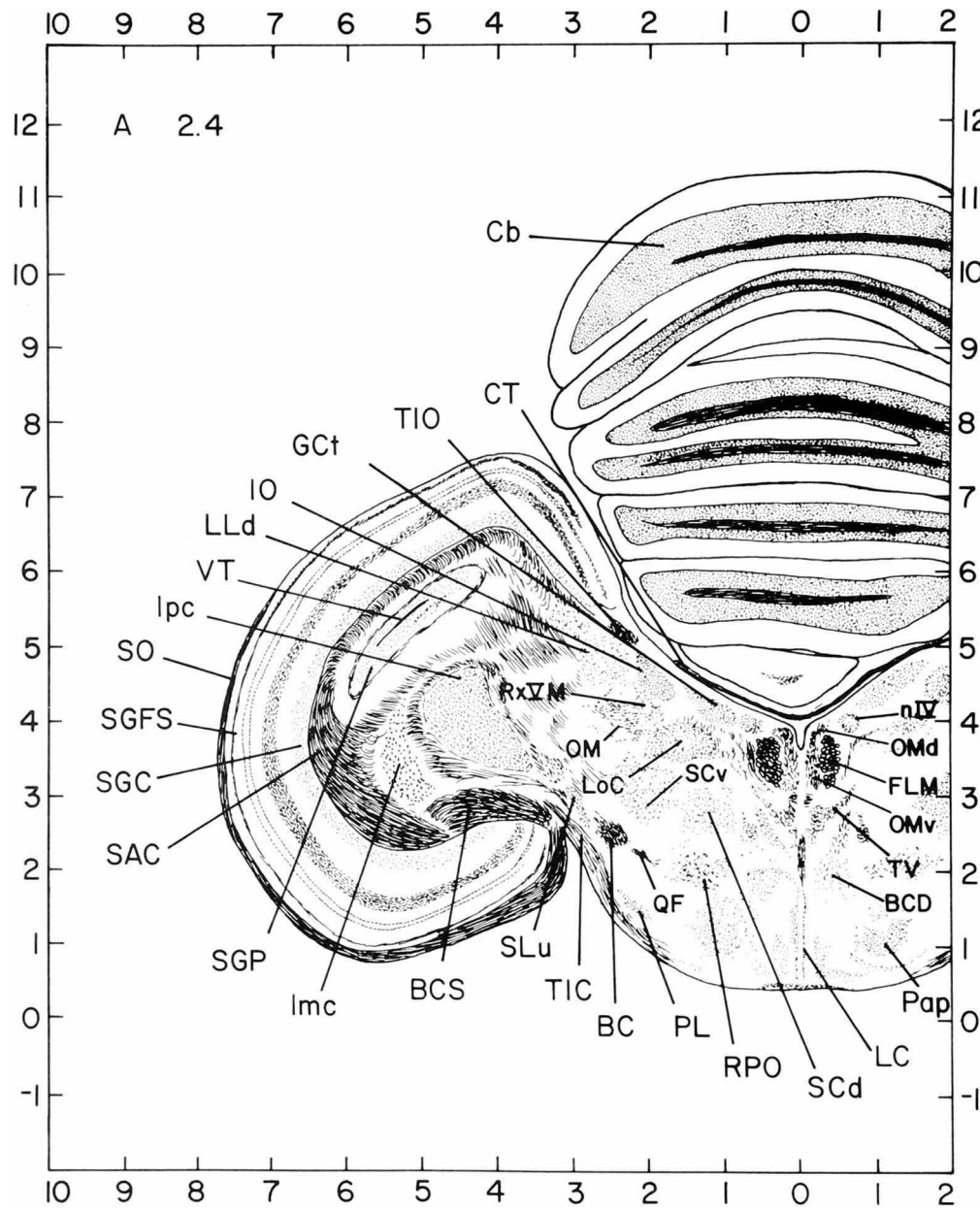




- BCA Brachium conjunctivum ascendens
- BCS Brachium colliculi superioris
- Cb Cerebellum
- CS Nucleus centralis superior (Bechterew)
- CT Commissura tectalis
- DBC Decussatio brachiorum conjunctivorum
- EW Nucleus of Edinger-Westphal; nucleus nervi oculomotorii, pars accessoria (ICAAN)
- FLM Fasciculus longitudinalis medialis
- FRL Formatio reticularis lateralis mesencephali
- GCT Substantia grisea centralis (Central gray)
- ICo Nucleus intercollicularis
- Imc Nucleus isthmi, pars magnocellularis
- IP Nucleus interpeduncularis
- Ipc Nucleus isthmi, pars parvocellularis
- LoC Locus ceruleus
- MLd Nucleus mesencephalicus lateralis, pars dorsalis
- nDBC Nucleus decussationis brachiorum conjunctivorum
- OM Tractus occipitomesencephalicus
- OMd Nucleus nervi oculomotorii, pars dorsalis
- OMv Nucleus nervi oculomotorii, pars ventralis
- Pap Nucleus papilliformis
- QF Tractus quintofrontalis
- Rx V M Radix mesencephalica nervi trigemini
- SAC Stratum album centrale
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SCP Stratum griseum periventriculare
- SO Stratum opticum
- TIO Tractus isthmo-opticus
- TPc Nucleus tegmenti pedunculo-pontinus, pars compacta (Substantia nigra)
- VT Ventriculus tecti mesencephali

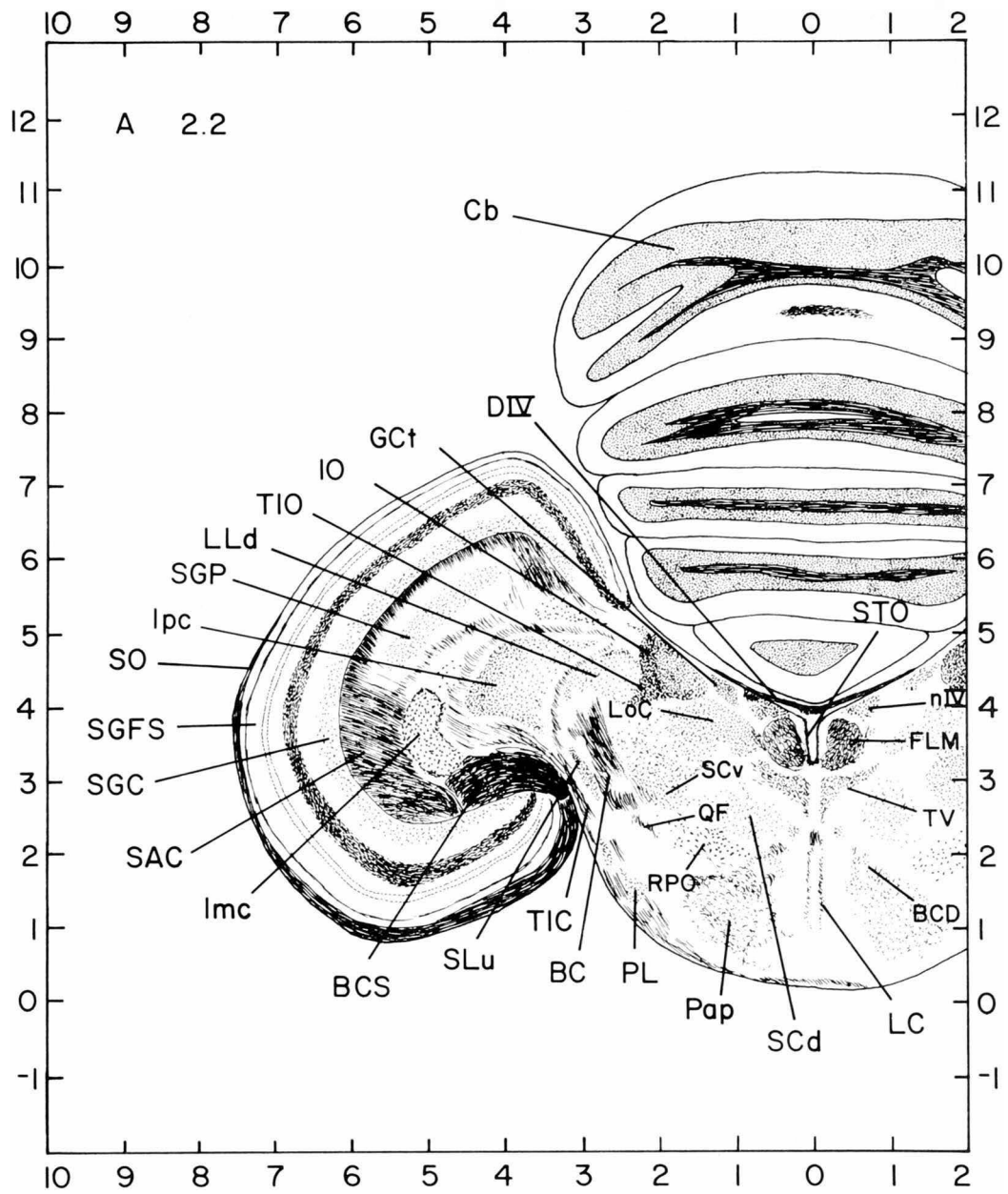
- BC Brachium conjunctivum
- BCA Brachium conjunctivum ascendens
- BCS Brachium colliculi superioris
- Cb Cerebellum
- CS Nucleus centralis superior (Bechterew)
- CT Commissura tectalis
- FLM Fasciculus longitudinalis medialis
- GCt Substantia grisea centralis (Central gray)
- ICo Nucleus intercollicularis
- Imc Nucleus isthmi, pars magnocellularis
- Ipc Nucleus isthmi, pars parvocellularis
- LoC Locus ceruleus
- nDBC Nucleus decussationis brachiorum conjunctivorum
- OM Tractus occipitomesencephalicus
- OMd Nucleus nervi oculomotorii, pars dorsalis
- OMv Nucleus nervi oculomotorii, pars ventralis
- Pap Nucleus papilliformis
- RPO Nucleus reticularis pontis oralis
- Rx V M Radix mesencephalica nervi trigemini
- SAC Stratum album centrale
- SCv Nucleus subceruleus ventralis
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SGP Stratum griseum periventriculare
- SLu Nucleus semilunaris
- SO Stratum opticum
- TIC Tractus isthmo-cerebellaris
- TIO Tractus isthmo-opticus
- VT Ventriculus tecti mesencephali

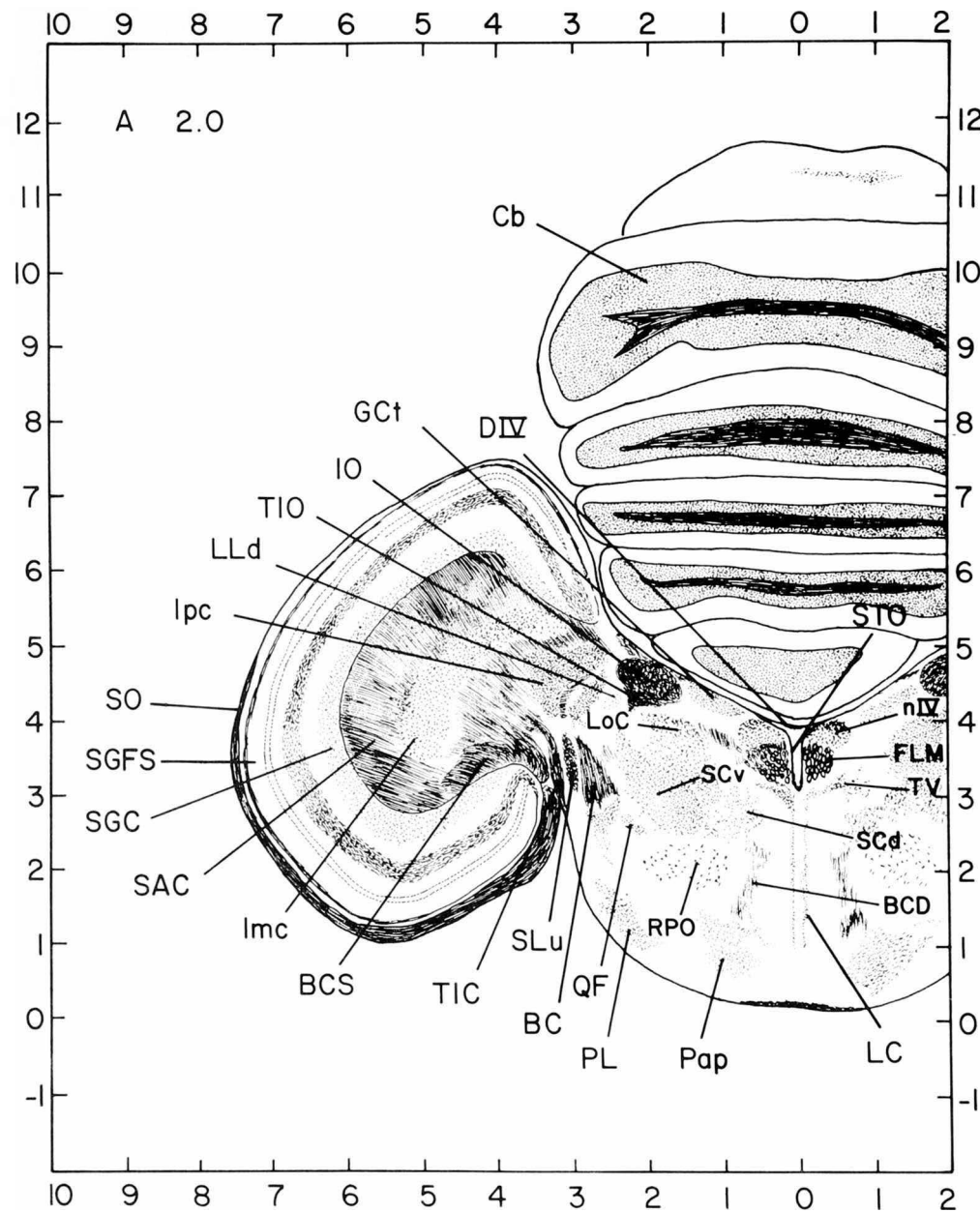




- BC Brachium conjunctivum
- BCD Brachium conjunctivum descendens
- BCS Brachium colliculi superioris
- Cb Cerebellum
- CT Commissura tectalis
- FLM Fasciculus longitudinalis medialis
- GcT Substantia grisea centralis (Central gray)
- Imc Nucleus isthmi, pars magnocellularis
- IO Nucleus isthmo-opticus
- Ipc Nucleus isthmi, pars parvocellularis
- LC Nucleus linearis caudalis
- LLd Nucleus lemnisci lateralis, pars dorsalis (Groebbels)
- LoC Locus ceruleus
- nIV Nucleus nervi trochlearis
- OM Tractus occipitomesencephalicus
- OMd Nucleus nervi oculomotorii, pars dorsalis
- OMv Nucleus nervi oculomotorii, pars ventralis
- Pap Nucleus papilliformis
- PL Nucleus pontis lateralis
- QF Tractus quintofrontalis
- RPO Nucleus reticularis pontis oralis
- Rx V M Radix mesencephalica nervi trigemini
- SAC Stratum album centrale
- SCd Nucleus suberuleus dorsalis
- SCv Nucleus suberuleus ventralis
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SGP Stratum griseum periventriculare
- SLu Nucleus semilunaris
- SO Stratum opticum
- TIC Tractus isthmo-cerebellaris
- TIO Tractus isthmo-opticus
- TV Nucleus tegmenti ventralis (Gudden)
- VT Ventriculus tecti mesencephali

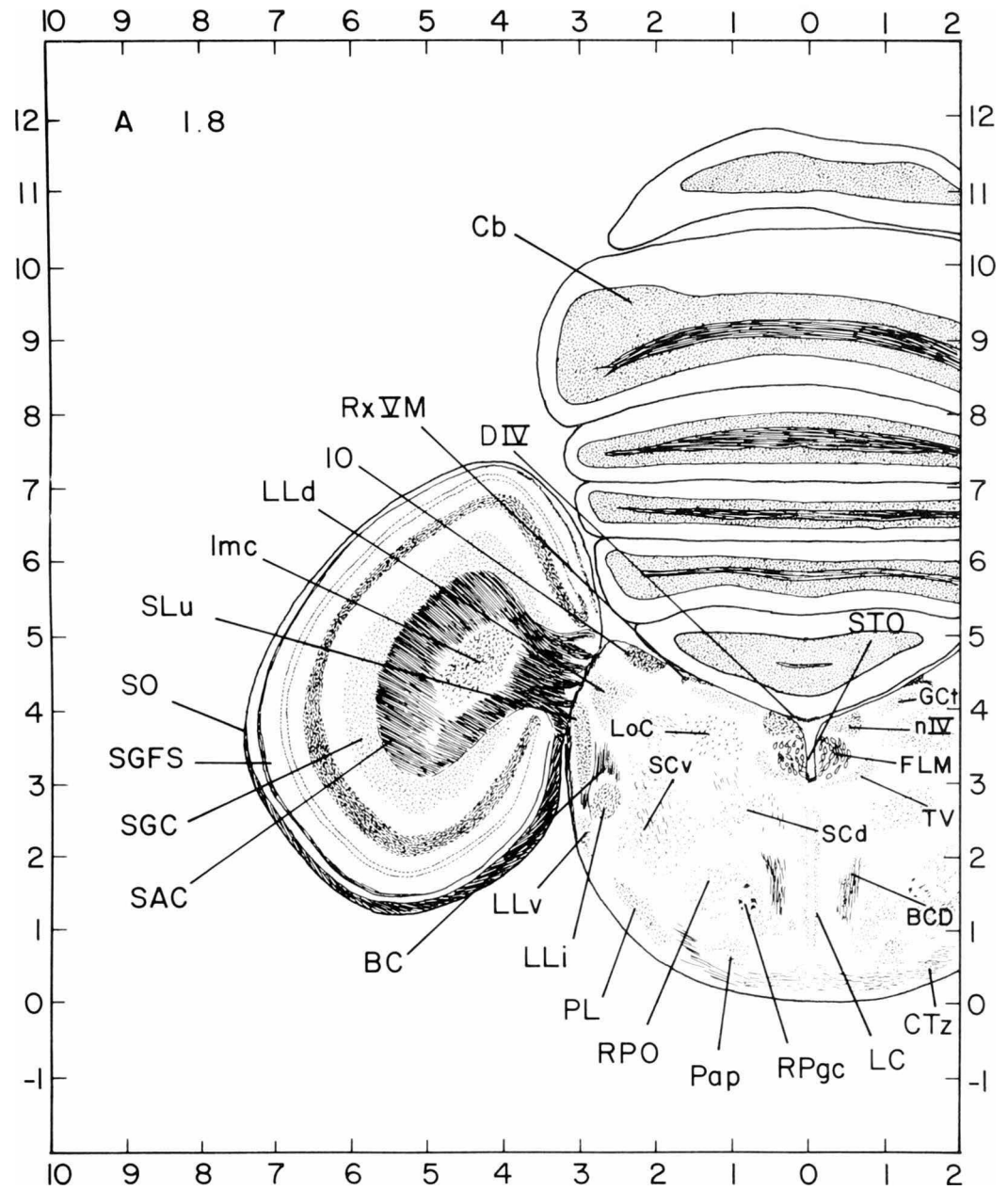
- BC Brachium conjunctivum
- BCD Brachium conjunctivum descendens
- BCS Brachium colliculi superioris
- Cb Cerebellum
- D IV Decussatio nervi trochlearis
- FLM Fasciculus longitudinalis medialis
- GCt Substantia grisea centralis (Central gray)
- Imc Nucleus isthmi, pars magnocellularis
- IO Nucleus isthmo-opticus
- Ipc Nucleus isthmi, pars parvocellularis
- LC Nucleus linearis caudalis
- LLd Nucleus lemnisci lateralis, pars dorsalis (Groebbels)
- LoC Locus ceruleus
- n IV Nucleus nervi trochlearis
- Pap Nucleus papilliformis
- PL Nucleus pontis lateralis
- QF Tractus quintofrontalis
- RPO Nucleus reticularis pontis oralis
- SAC Stratum album centrale
- SCd Nucleus subceruleus dorsalis
- SCv Nucleus subceruleus ventralis
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SGP Stratum griseum periventriculare
- SLu Nucleus semilunaris
- SO Stratum opticum
- STO Organum subtrochleare (Subtrochlear organ)
- TIC Tractus isthmo-cerebellaris
- TIO Tractus isthmo-opticus
- TV Nucleus tegmenti ventralis (Gudden)

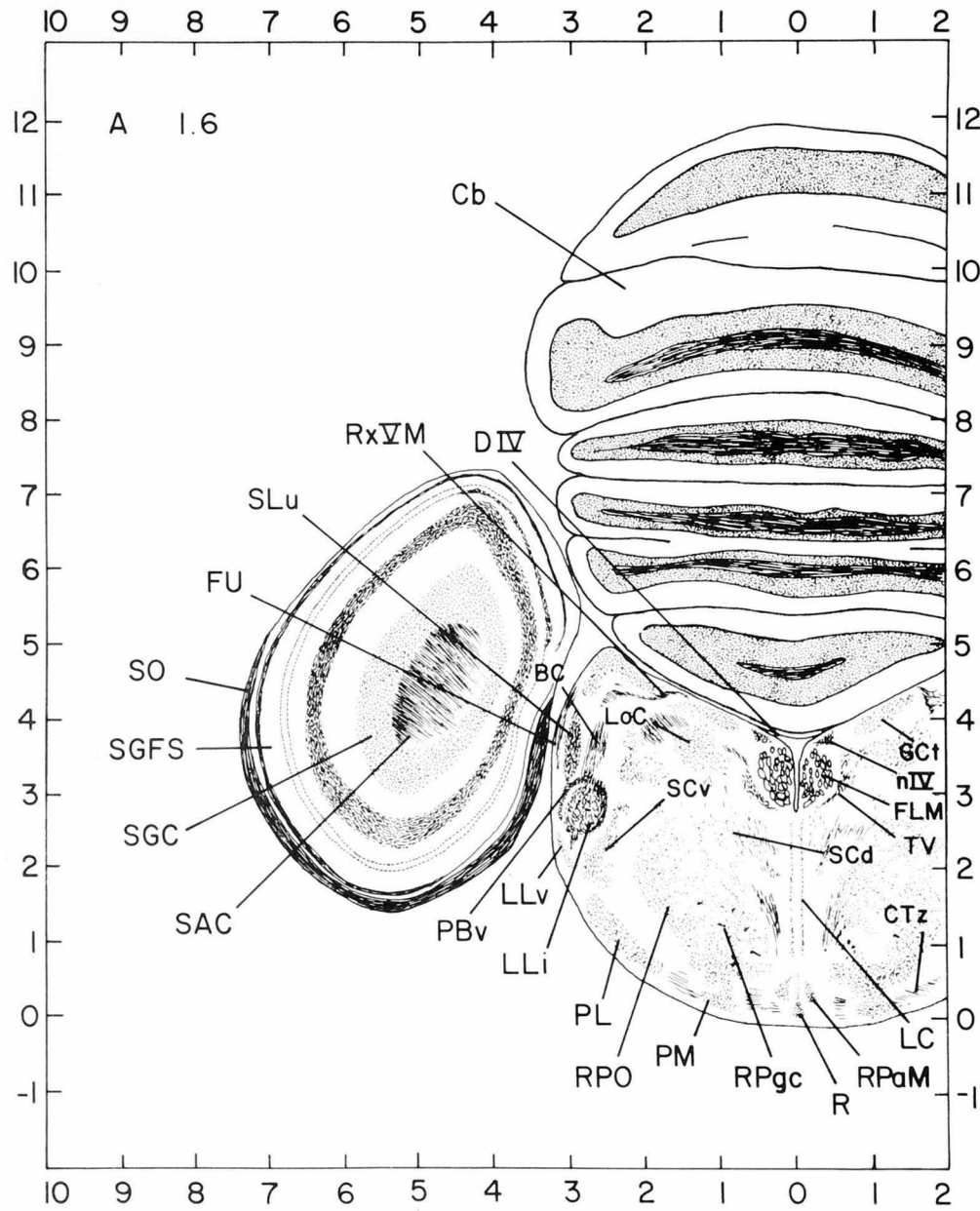




- BC Brachium conjunctivum
- BCD Brachium conjunctivum descendens
- BCS Brachium colliculi superioris
- Cb Cerebellum
- DIV Decussatio nervi trochlearis
- FLM Fasciculus longitudinalis medialis
- Gct Substantia grisea centralis (Central gray)
- Imc Nucleus isthmi, pars magnocellularis
- IO Nucleus isthmo-opticus
- Ipc Nucleus isthmi, pars parvocellularis
- LC Nucleus linearis caudalis
- LLd Nucleus lemnisci lateralis, pars dorsalis (Groebbels)
- LoC Locus ceruleus
- nIV Nucleus nervi trochlearis
- Pap Nucleus papilioformis
- PL Nucleus pontis lateralis
- QF Tractus quintofrontalis
- RPO Nucleus reticularis pontis oralis
- SAC Stratum album centrale
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- TIC Tractus isthmo-cerebellaris
- TIO Tractus isthmo-opticus
- TV Nucleus tegmenti ventralis (Gudden)

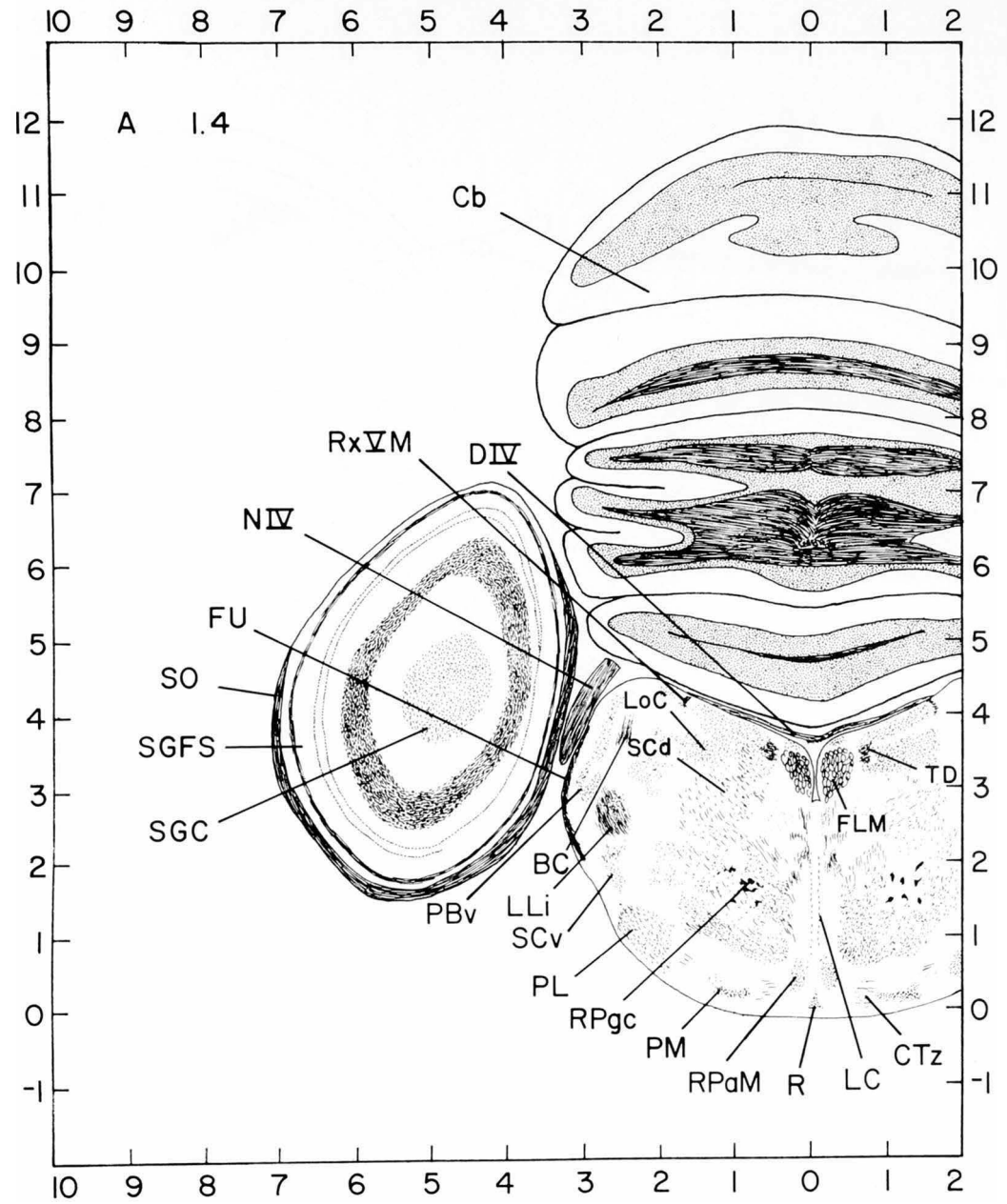
- BC Brachium conjunctivum
- BCD Brachium conjunctivum descendens
- Cb Cerebellum
- CTz Corpus trapezoideum (Papez)
- DIV Decussatio nervi trochlearis
- FLM Fasciculus longitudinalis medialis
- GCt Substantia grisea centralis (Central gray)
- Imc Nucleus isthmi, pars magno-cellularis
- IO Nucleus isthmo-opticus
- LC Nucleus linearis caudalis
- LLd Nucleus lemnisci lateralis, pars dorsalis (Groebbels)
- LLi Nucleus lemnisci lateralis, pars intermedia (Arends and Zeigler); nucleus lemnisci lateralis, pars lateroventralis (Boord); nucleus ventralis lemnisci lateralis (Karten and Hodos)
- LLv Nucleus lemnisci lateralis, pars ventralis (Groebbels)
- LoC Locus ceruleus
- n IV Nucleus nervi trochlearis
- Pap Nucleus papilliformis
- PL Nucleus pontis lateralis
- RPgc Nucleus reticularis pontis caudalis, pars gigantocellularis
- RPO Nucleus reticularis pontis oralis
- Rx V M Radix mesencephalica nervi trigemini
- SAC Stratum album centrale
- SCd Nucleus subceruleus dorsalis
- SCv Nucleus subceruleus ventralis
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SLu Nucleus semilunaris
- SO Stratum opticum
- STO Organum subtrochleare (Subtrochlear organ)
- TV Nucleus tegmenti ventralis (Gudden)

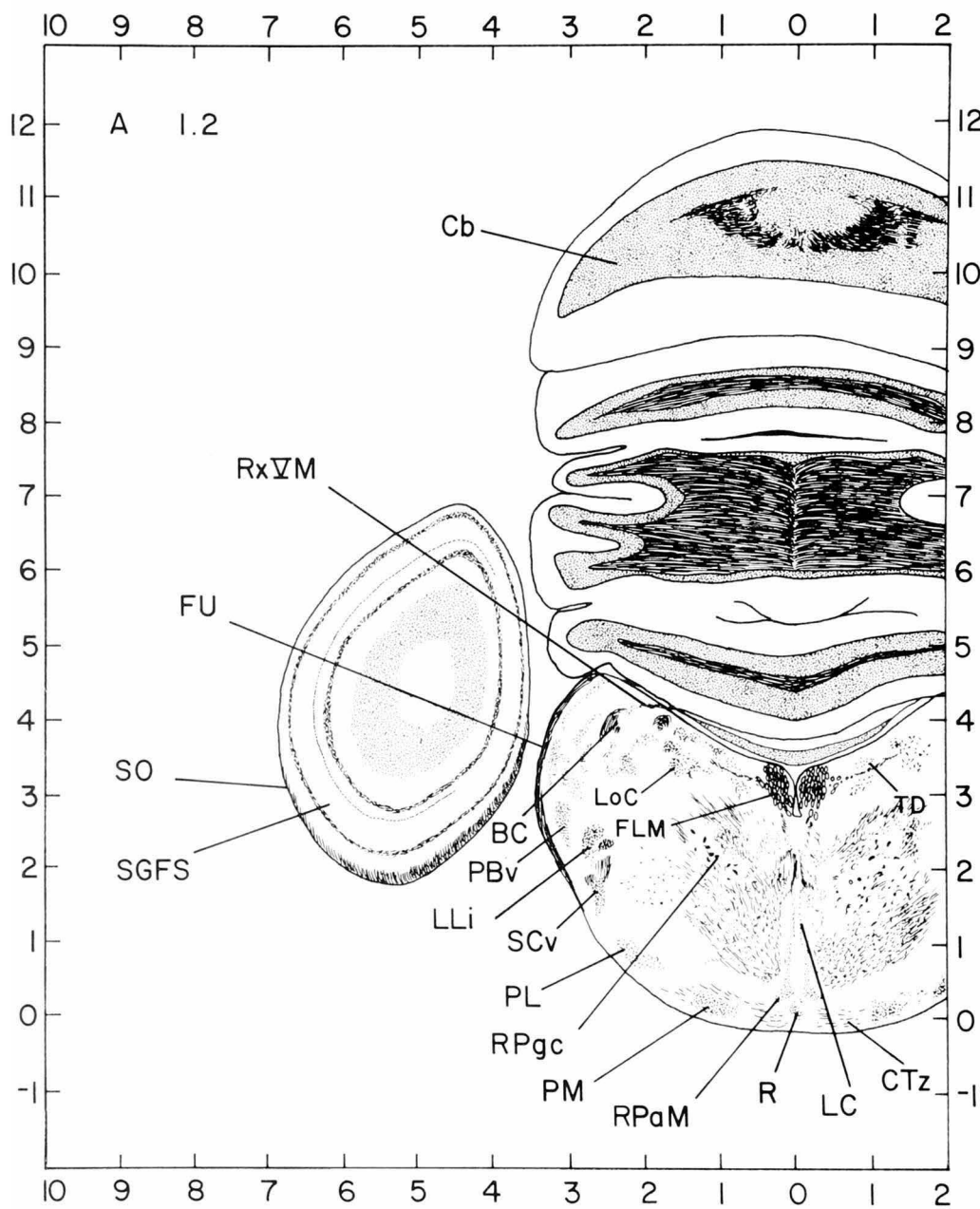




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- Cb Cerebellum
- CTz Corpus trapezoideum (Papez)
- DIV Decussatio nervi trochlearis
- FLM Fasciculus longitudinalis medialis
- FU Fasciculus uncinatus (Russell)
- GCt Substantia grisea centralis (Central gray)
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- LLi Nucleus lemnisci lateralis, pars intermedia (Arends and Zeigler); nucleus lemnisci lateralis, pars lateroventralis (Boord); nucleus ventralis lemnisci lateralis (Karten and Hodos)
- LLv Nucleus lemnisci lateralis, pars ventralis (Groebbels)
- LoC Locus ceruleus
- nIV Nucleus nervi trochlearis
- PBv Nucleus parabrachialis, pars ventralis
- PL Nucleus pontis lateralis
- PM Nucleus pontis medialis
- R Nucleus raphes (Raphe nucleus)
- RPaM Nucleus reticularis paramedianus (ICAAN); nucleus paramedianus (Karten and Hodos)
- RPgc Nucleus reticularis pontis caudalis, pars gigantocellularis
- RPO Nucleus reticularis pontis oralis
- Rx V M Radix mesencephalica nervi trigemini
- SAC Stratum album centrale
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- SGFS Stratum griseum et fibrosum superficiale
- SLu Nucleus semilunaris
- SO Stratum opticum
- TV Nucleus tegmenti ventralis (Gudden)

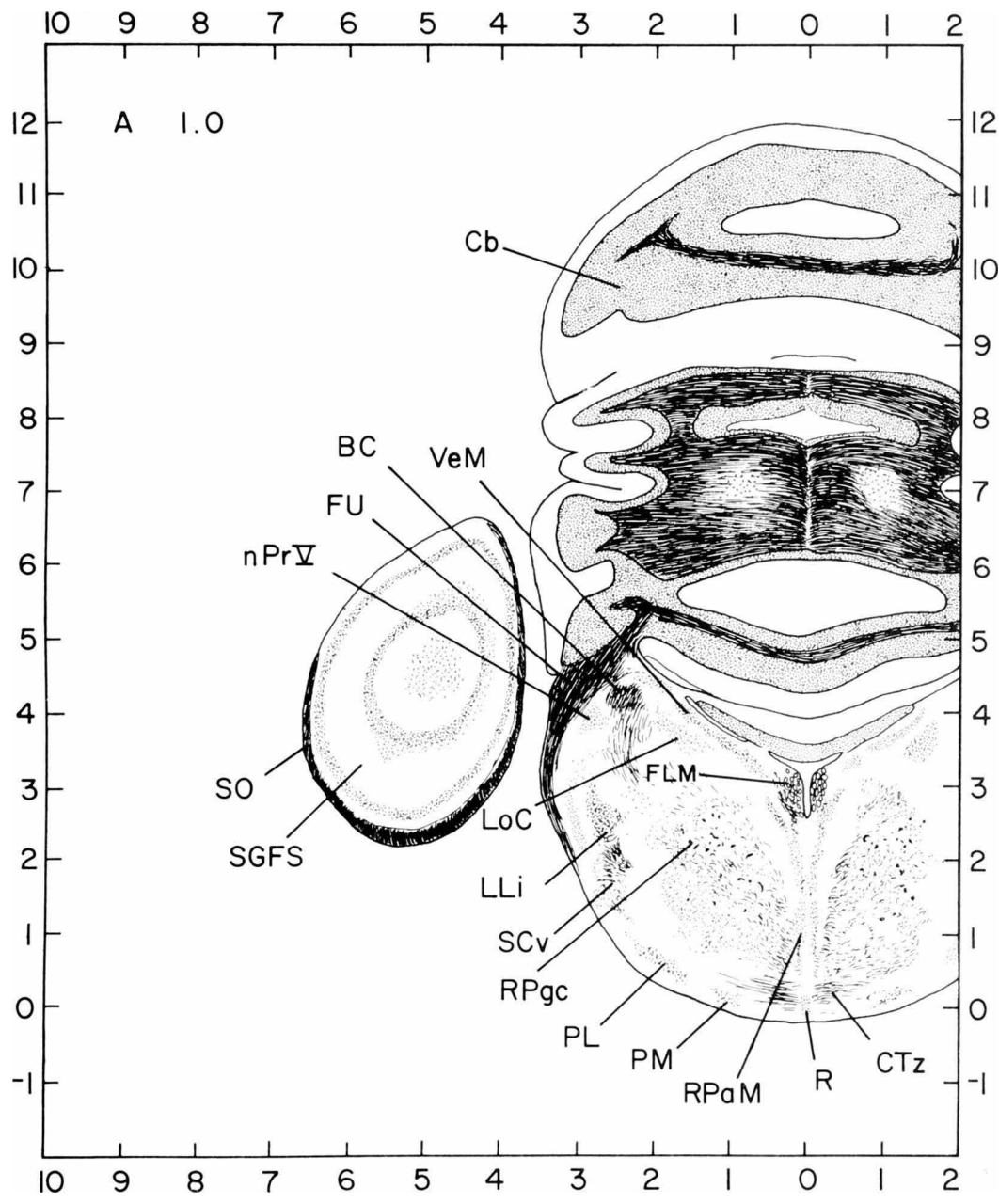
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- RPgc Nucleus reticularis pontis caudalis, pars gigantocellularis
- Rx V M Radix mesencephalica nervi trigemini
- SCd Nucleus subceruleus dorsalis
- SCv Nucleus subceruleus ventralis
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SO Stratum opticum
- TD Nucleus tegmenti dorsalis (Gudden)

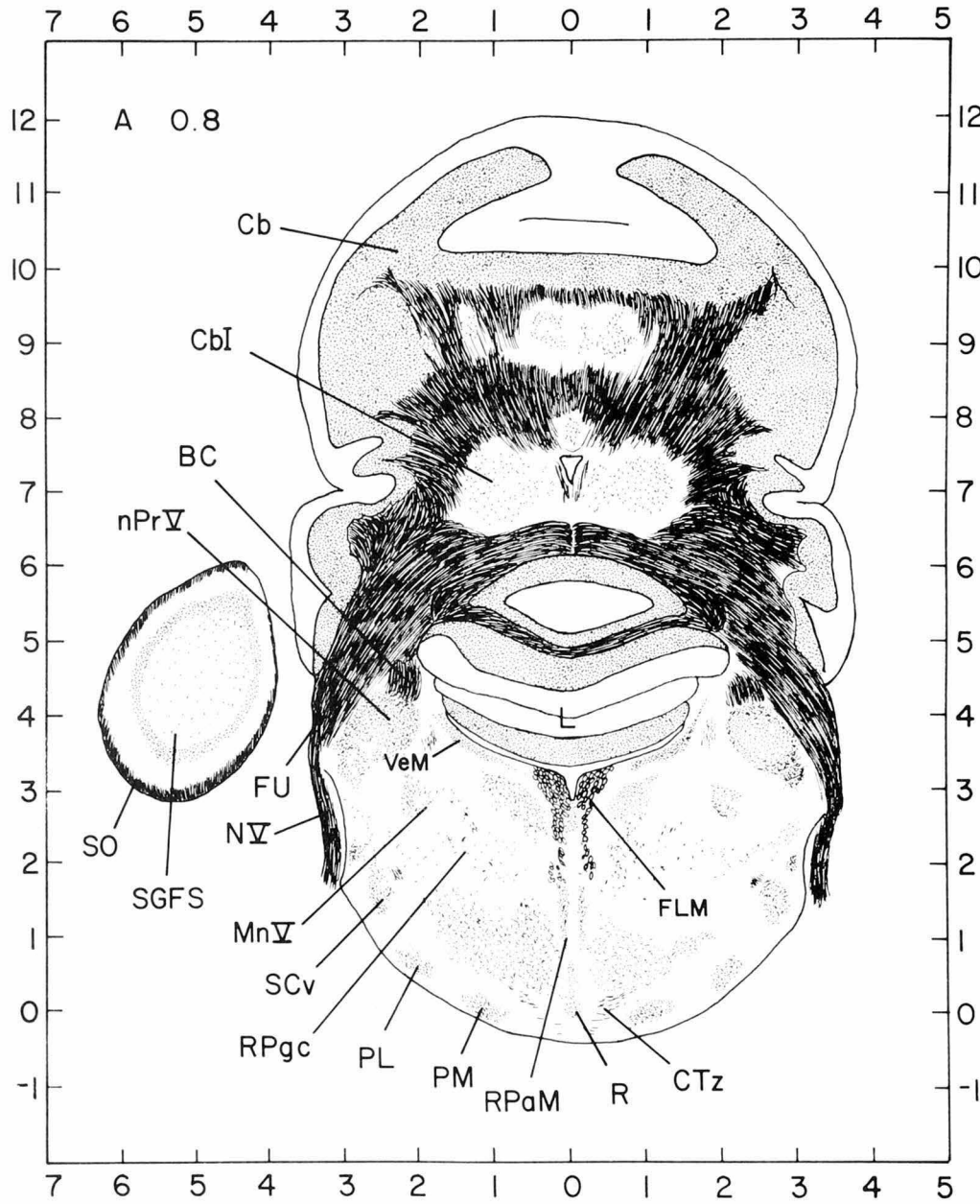




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- CTz Corpus trapezoideum (Papez)
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- Rx V M Radix mesencephalica nervi trigemini
- SCv Nucleus subceruleus ventralis
- SGFS Stratum griseum et fibrosum superficiale
- SO Stratum opticum
- TD Nucleus tegmenti dorsalis (Gudden)

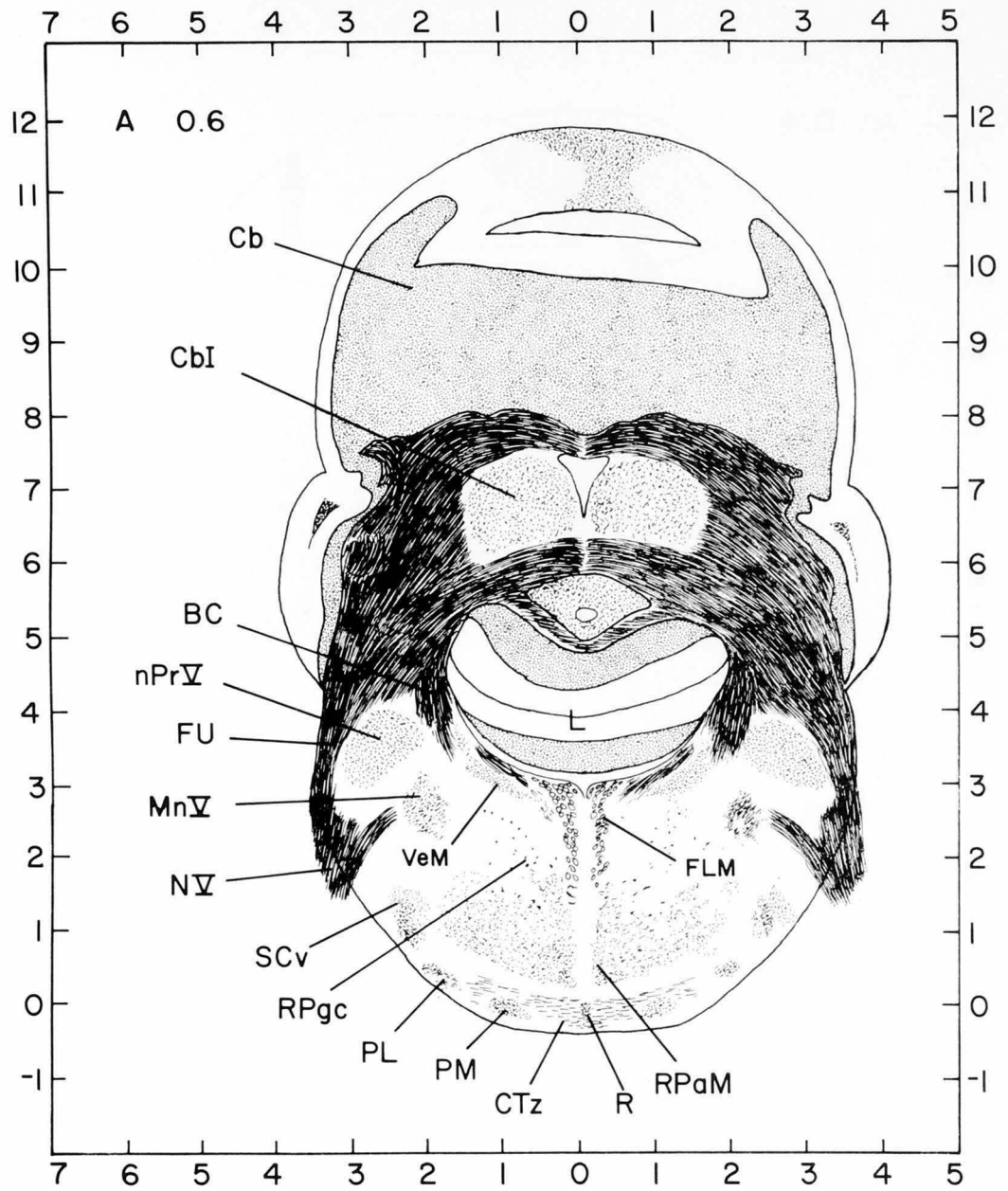
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- Cb Cerebellum
- CTz Corpus trapezoideum (Papez)
- FLM Fasciculus longitudinalis medialis
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- LoC Locus ceruleus
- nPr V Nucleus sensorius principalis nervi trigemini
- PL Nucleus pontis lateralis
- PM Nucleus pontis medialis
- R Nucleus raphes (Raphe nucleus)
- RPaM Nucleus reticularis paramedianus (ICAAN); nucleus paramedianus (Karten and Hodos)
- RPgc Nucleus reticularis pontis caudalis, pars gigantocellularis
- SCv Nucleus subceruleus ventralis
- SGFS Stratum griseum et fibrosum superficiale
- SO Stratum opticum
- VeM Nucleus vestibularis medialis

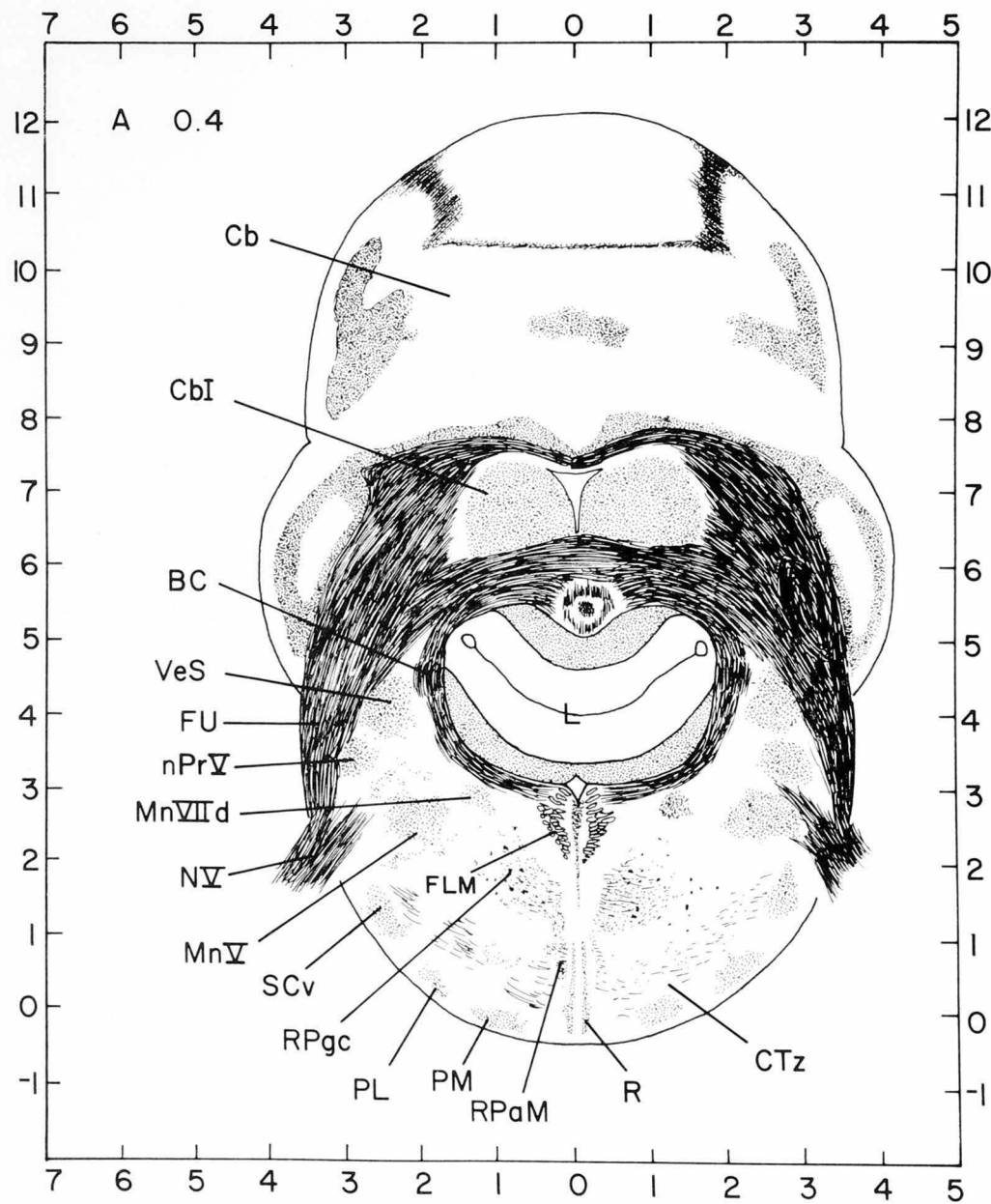




- BC Brachium conjunctivum
- Cb Cerebellum
- CbI Nucleus cerebellaris internus
- CTz Corpus trapezoideum (Papez)
- FLM Fasciculus longitudinalis medialis
- FU Fasciculus uncinatus (Russell)
- L Lingula; vinculum lingulae (ICAAN)
- Mn V Nucleus motorius nervi trigemini
- N V Nervus trigeminus
- nPr V Nucleus sensorius principalis nervi trigemini
- PL Nucleus pontis lateralis
- PM Nucleus pontis medialis
- R Nucleus raphes (Raphe nucleus)
- RPaM Nucleus reticularis paramedianus (ICAAN);
nucleus paramedianus (Karten and Hodos)
- RPgc Nucleus reticularis pontis caudalis, pars
gigantocellularis
- SCv Nucleus subceruleus ventralis
- SGFS Stratum griseum et fibrosum superficiale
- SO Stratum opticum
- VeM Nucleus vestibularis medialis

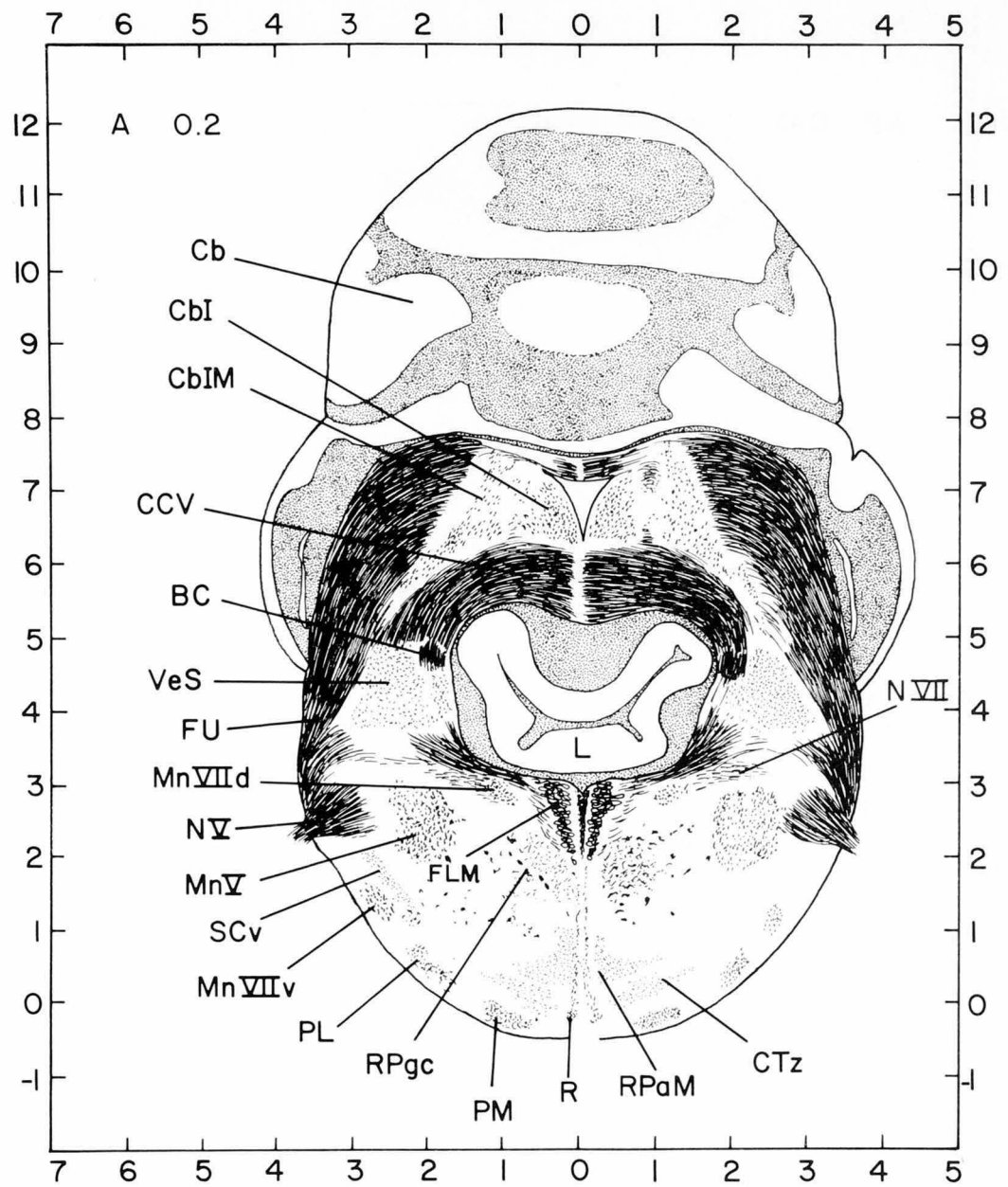
- BC Brachium conjunctivum
- Cb Cerebellum
- CbI Nucleus cerebellaris internus
- CTz Corpus trapezoideum (Papez)
- FLM Fasciculus longitudinalis medialis
- FU Fasciculus uncinatus (Russell)
- L Lingula; vinculum lingulae (ICAAN)
- Mn V Nucleus motorius nervi trigemini
- N V Nervus trigeminus
- nPr V Nucleus sensorius principalis nervi trigemini
- PL Nucleus pontis lateralis
- PM Nucleus pontis medialis
- R Nucleus raphes (Raphe nucleus)
- RPaM Nucleus reticularis paramedianus (ICAAN);
nucleus paramedianus (Karten and Hodos)
- RPgc Nucleus reticularis pontis caudalis, pars
gigantocellularis
- SCv Nucleus subceruleus ventralis
- VeM Nucleus vestibularis medialis

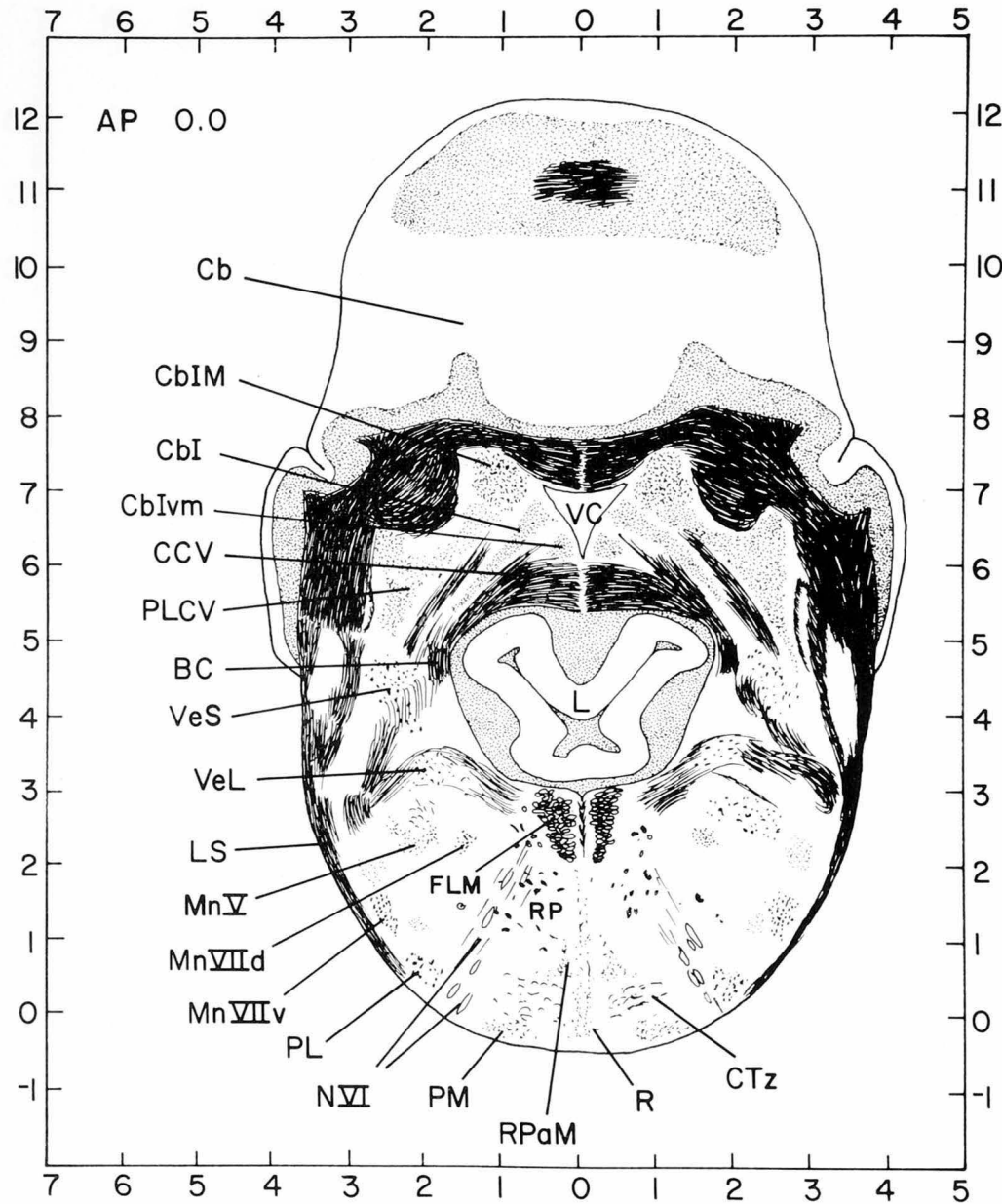




- BC Brachium conjunctivum
- Cb Cerebellum
- CbI Nucleus cerebellaris internus
- CTz Corpus trapezoidum (Papez)
- FLM Fasciculus longitudinalis medialis
- FU Fasciculus uncinatus (Russell)
- L Lingula; vinculum lingulae (ICAAN)
- Mn V Nucleus motorius nervi trigemini
- Mn VII d Nucleus motorius nervi facialis, pars dorsalis
- nPr V Nucleus sensorius principalis nervi trigemini
- N V Nervus trigeminus
- PL Nucleus pontis lateralis
- PM Nucleus pontis medialis
- R Nucleus raphes (Raphe nucleus)
- RPaM Nucleus reticularis paramedianus (ICAAN);
nucleus paramedianus (Karten and Hodos)
- RPgc Nucleus reticularis pontis caudalis, pars
gigantocellularis
- SCv Nucleus subceruleus ventralis
- VeS Nucleus vestibularis superior

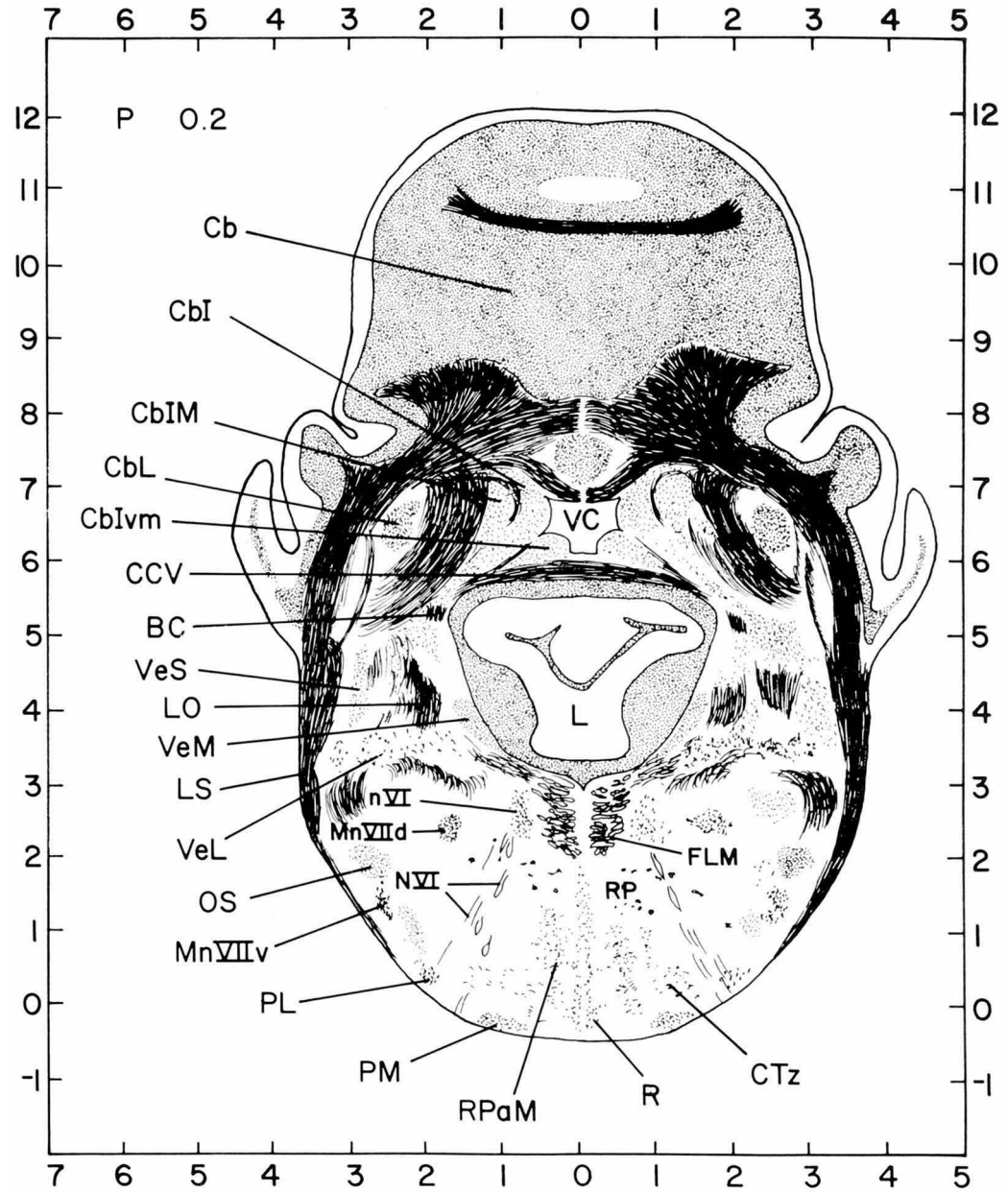
- BC Brachium conjunctivum
- Cb Cerebellum
- CbI Nucleus cerebellaris internus
- CbIM Nucleus cerebellaris intermedius
- CCV Commissura cerebellaris ventralis
- CTz Corpus trapezoideum (Papez)
- FLM Fasciculus longitudinalis medialis
- FU Fasciculus uncinatus (Russell)
- FUm Fasciculus uncinatus (Russell), pars medialis
- L Lingula; vinculum lingulae (ICAAN)
- Mn V Nucleus motorius nervi trigemini
- Mn VII d Nucleus motorius nervi facialis, pars dorsalis
- Mn VII v Nucleus motorius nervi facialis, pars ventralis
- N V Nervus trigeminus
- N VII Nervus facialis
- PL Nucleus pontis lateralis
- PM Nucleus pontis medialis
- R Nucleus raphes (Raphe nucleus)
- RPaM Nucleus reticularis paramedianus (ICAAN); nucleus paramedianus (Karten and Hodós)
- RPgc Nucleus reticularis pontis caudalis, pars gigantocellularis
- SCv Nucleus subceruleus ventralis

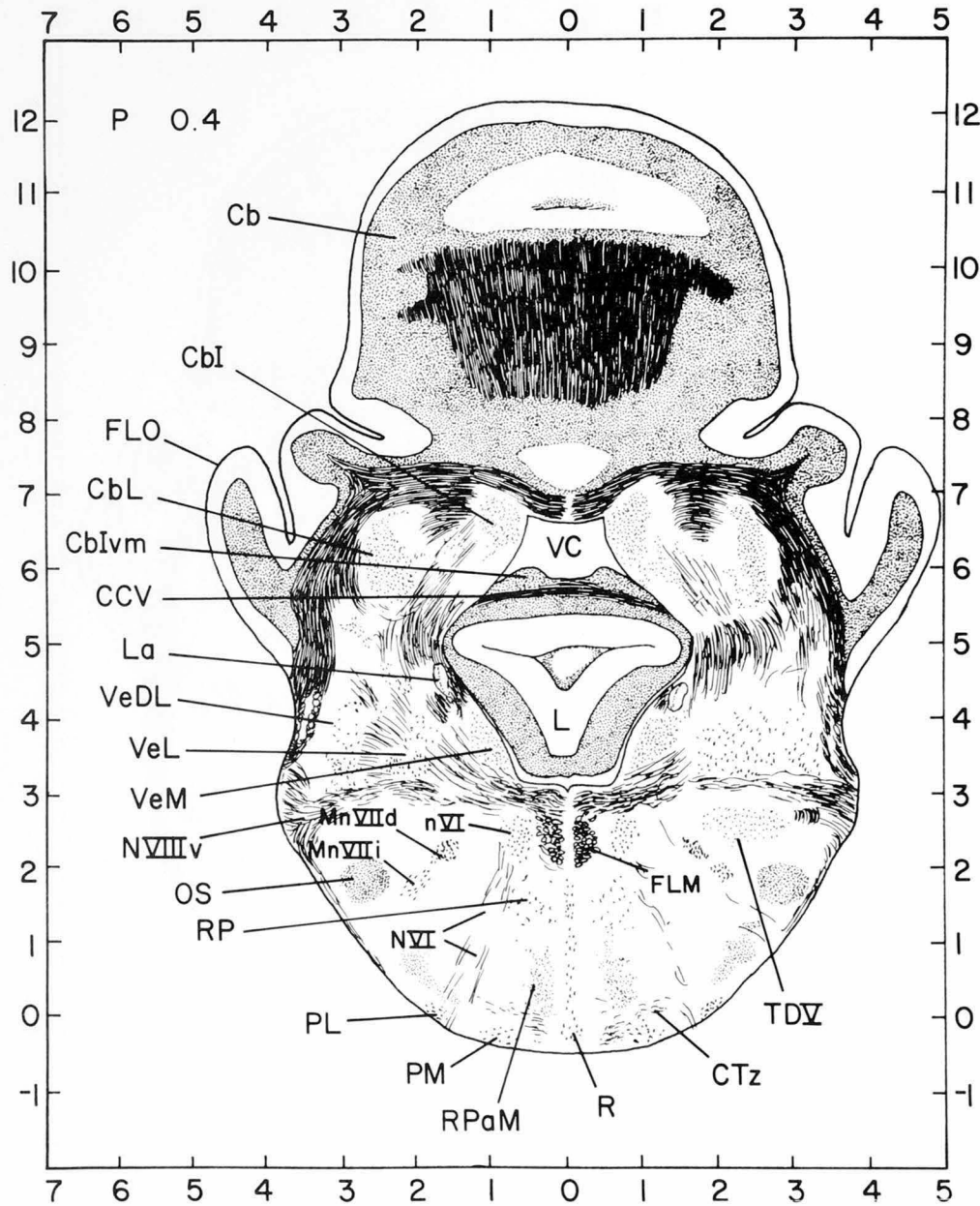




- BC Brachium conjunctivum
- Cb Cerebellum
- CbI Nucleus cerebellaris internus
- CbIM Nucleus cerebellaris intermedius
- CbIvm Nucleus cerebellaris internus, pars ventromedialis
- CCV Commissura cerebellaris ventralis
- CTz Corpus trapezoideum (Papez)
- FLM Fasciculus longitudinalis medialis
- L Lingula; vinculum lingulae (ICAAN)
- LS Lemniscus spinalis
- Mn V Nucleus motorius nervi trigemini
- Mn VII d Nucleus motorius nervi facialis, pars dorsalis
- Mn VII v Nucleus motorius nervi facialis, pars ventralis
- N VI Nervus abducens
- PL Nucleus pontis lateralis
- PLCV Processus lateralis cerebello-vestibularis
- PM Nucleus pontis medialis
- R Nucleus raphes (Raphe nucleus)
- RP Nucleus reticularis pontis caudalis
- RPaM Nucleus reticularis paramedianus (ICAAN); nucleus paramedianus (Karten and Hodos)
- VC Ventriculus cerebelli
- VeL Nucleus vestibularis lateralis
- VeS Nucleus vestibularis superior

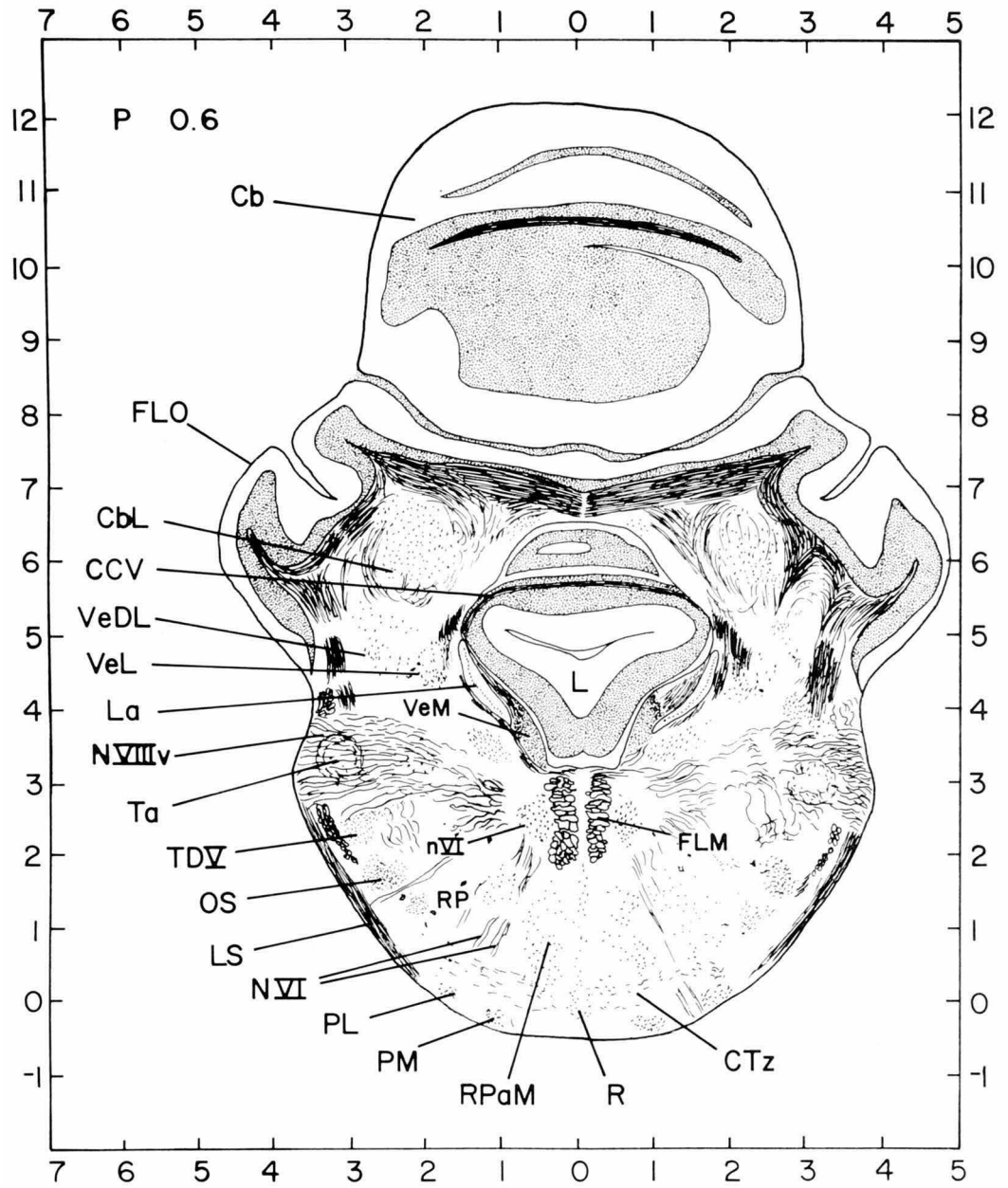
- BC Brachium conjunctivum
- Cb Cerebellum
- CbI Nucleus cerebellaris internus
- CbIM Nucleus cerebellaris intermedius
- CbIvm Nucleus cerebellaris internus, pars ventromedialis
- CbL Nucleus cerebellaris lateralis
- CCV Commissura cerebellaris ventralis
- CTz Corpus trapezoideum (Papez)
- FLM Fasciculus longitudinalis medialis
- L Lingula; vinculum lingulae (ICAAN)
- LO Tractus lamino-olivaris
- LS Lemniscus spinalis
- Mn VII d Nucleus motorius nervi facialis, pars dorsalis
- Mn VII v Nucleus motorius nervi facialis, pars ventralis
- n VI Nucleus nervi abducentis
- N VI Nervus abducens
- OS Nucleus olivaris superior
- PL Nucleus pontis lateralis
- PM Nucleus pontis medialis
- R Nucleus raphes (Raphe nucleus)
- RP Nucleus reticularis pontis caudalis
- RPaM Nucleus reticularis paramedianus (ICAAN); nucleus paramedianus (Karten and Hodos)
- VC Ventriculus cerebelli
- VeL Nucleus vestibularis lateralis
- VeM Nucleus vestibularis medialis
- VeS Nucleus vestibularis superior

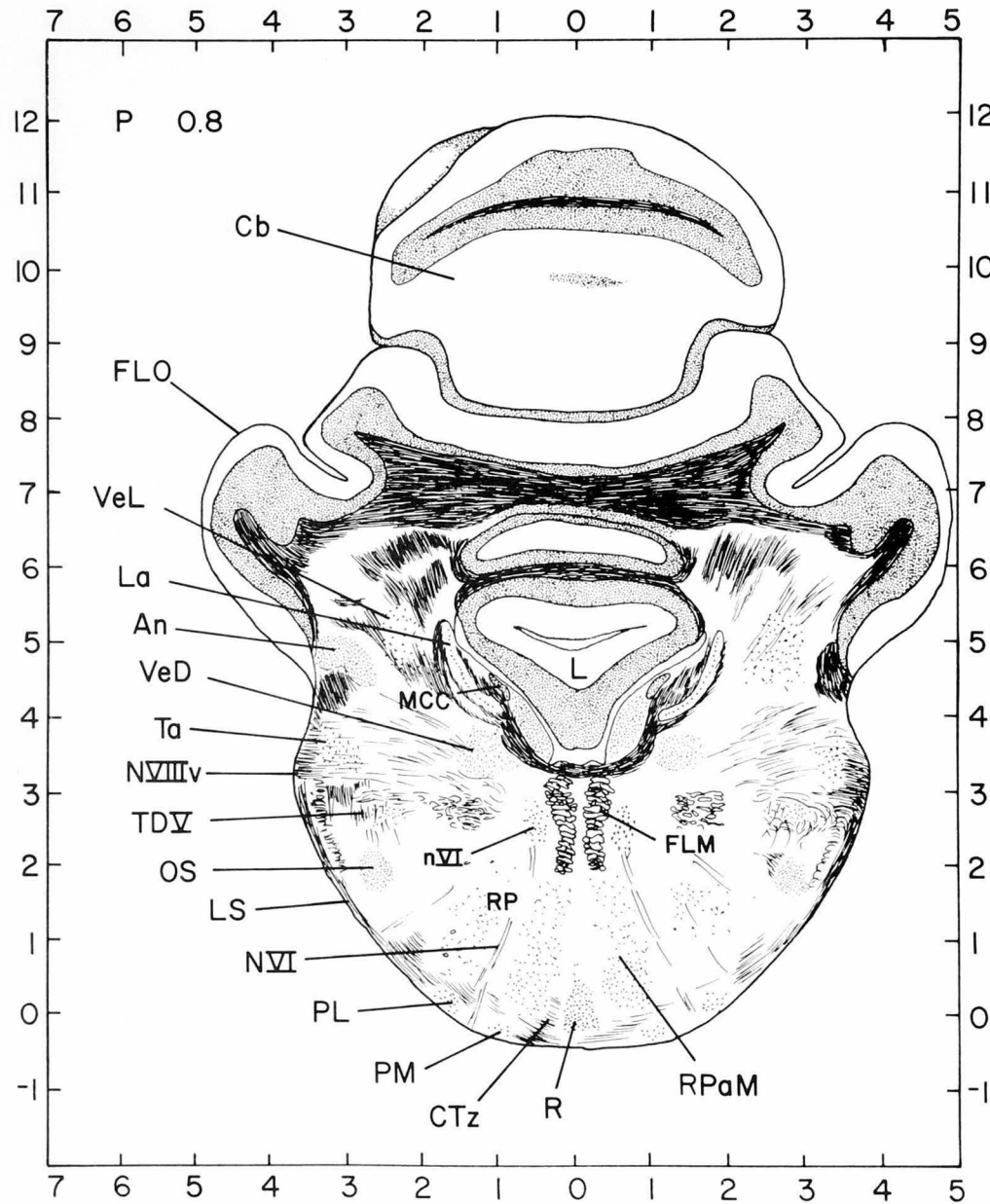




- Cb Cerebellum
- CbI Nucleus cerebellaris internus
- CbL Nucleus cerebellaris lateralis
- CbIvm Nucleus cerebellaris internus, pars ventromedialis
- CCV Commissura cerebellaris ventralis
- CTz Corpus trapezoideum (Papez)
- FLM Fasciculus longitudinalis medialis
- FLO Flocculus
- L Lingula; vinculum lingulae (ICAAN)
- La Nucleus laminaris
- Mn VII d Nucleus motorius nervi facialis, pars dorsalis
- Mn VII i Nucleus motorius nervi facialis, pars intermedia
- n VI Nucleus nervi abducentis
- N VI Nervus abducens
- N VIII v Nervus octavius, pars vestibularis
- OS Nucleus olivaris superior
- PL Nucleus pontis lateralis
- PM Nucleus pontis medialis
- R Nucleus raphes (Raphe nucleus)
- RP Nucleus reticularis pontis caudalis
- RPaM Nucleus reticularis paramedianus (ICAAN); nucleus paramedianus (Karten and Hodos)
- TDV Nucleus et tractus descendens nervi trigemini
- VC Ventriculus cerebelli
- VeDL Nucleus vestibularis dorsolateralis (Sanders)
- VeL Nucleus vestibularis lateralis
- VeM Nucleus vestibularis medialis

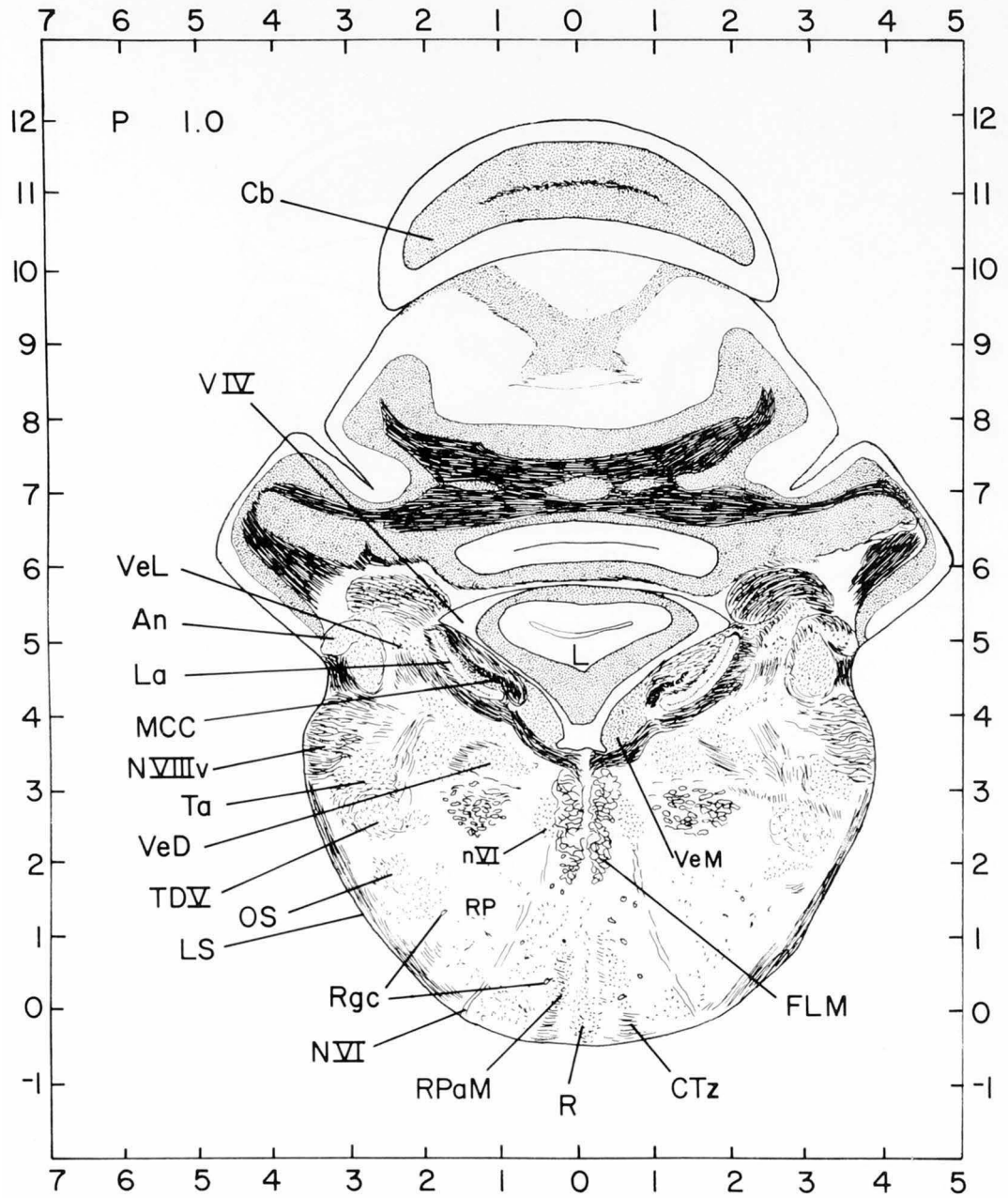
- Cb Cerebellum
- CbL Nucleus cerebellaris lateralis
- CCV Commissura cerebellaris ventralis
- CTz Corpus trapezoideum (Papez)
- FLM Fasciculus longitudinalis medialis
- FLO Flocculus
- L Lingula; vinculum lingulae (ICAAN)
- La Nucleus laminaris
- LS Lemniscus spinalis
- nVI Nucleus nervi abducentis
- NVI Nervus abducens
- N VIII v Nervus octavus, pars vestibularis
- OS Nucleus olivaris superior
- PL Nucleus pontis lateralis
- PM Nucleus pontis medialis
- R Nucleus raphes (Raphe nucleus)
- RP Nucleus reticularis pontis caudalis
- RPaM Nucleus reticularis paramedianus (ICAAN);
nucleus paramedianus (Karten and Hodos)
- Ta Nucleus tangentialis (Cajal)
- TDV Nucleus et tractus descendens nervi
trigemini
- VeDL Nucleus vestibularis dorsolateralis (Sanders)
- VeL Nucleus vestibularis lateralis
- VeM Nucleus vestibularis medialis

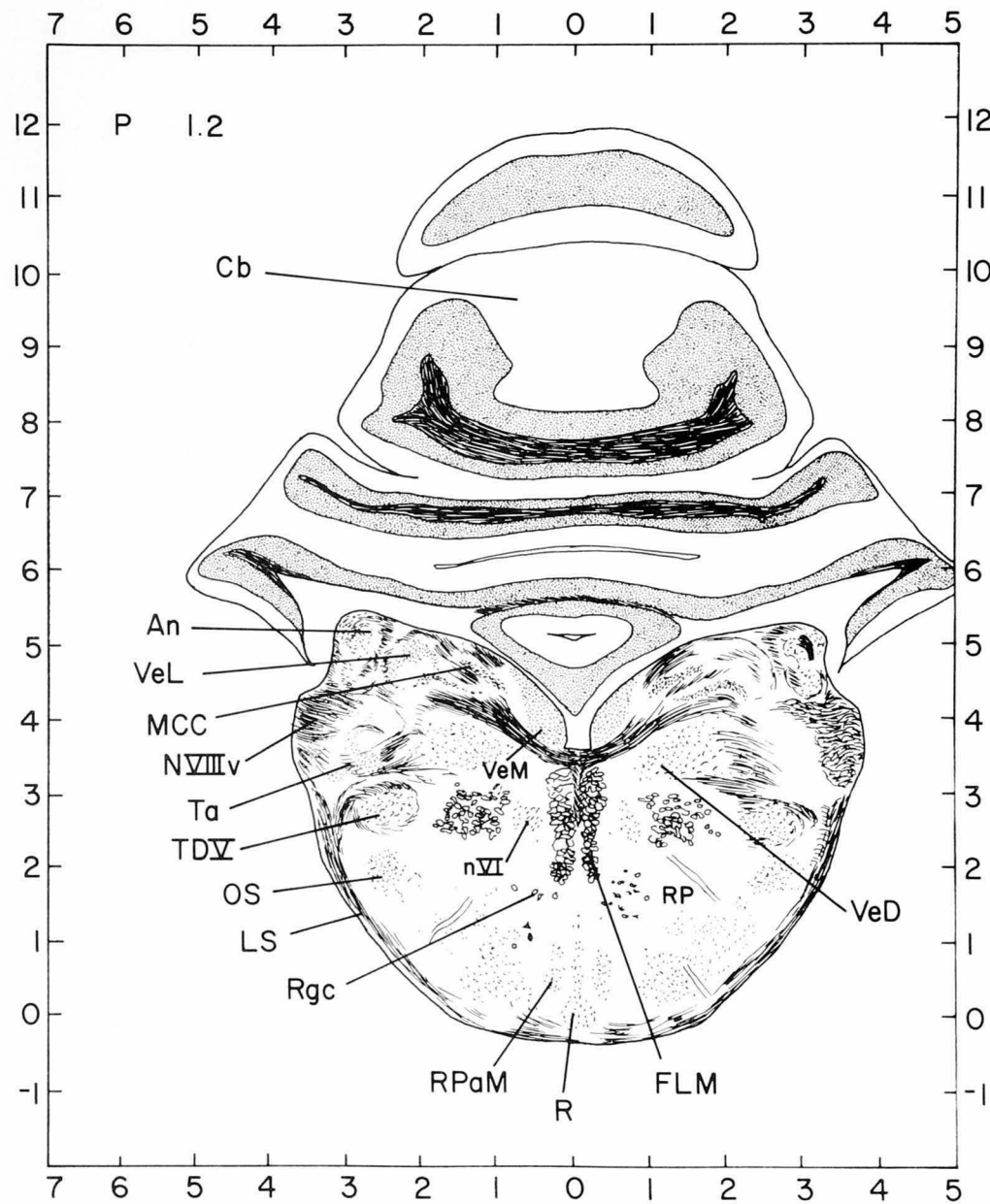




- An Nucleus angularis
- Cb Cerebellum
- CTz Corpus trapezoideum (Papez)
- FLM Fasciculus longitudinalis medialis
- FLO Flocculus
- L Lingula; vinculum lingulae (ICAAN)
- La Nucleus laminaris
- LS Lemniscus spinalis
- MCC Nucleus magnocellularis cochlearis
- nVI Nucleus nervi abducentis
- NVI Nervus abducens
- N VIII v Nervus octavus, pars vestibularis
- OS Nucleus olivaris superior
- PL Nucleus pontis lateralis
- PM Nucleus pontis medialis
- R Nucleus raphes (Raphe nucleus)
- RP Nucleus reticularis pontis caudalis
- RPaM Nucleus reticularis paramedianus (ICAAN);
nucleus paramedianus (Karten and Hodos)
- Ta Nucleus tangentialis (Cajal)
- TDV Nucleus et tractus descendens nervi trigemini
- VeL Nucleus vestibularis lateralis
- VeD Nucleus vestibularis descendens

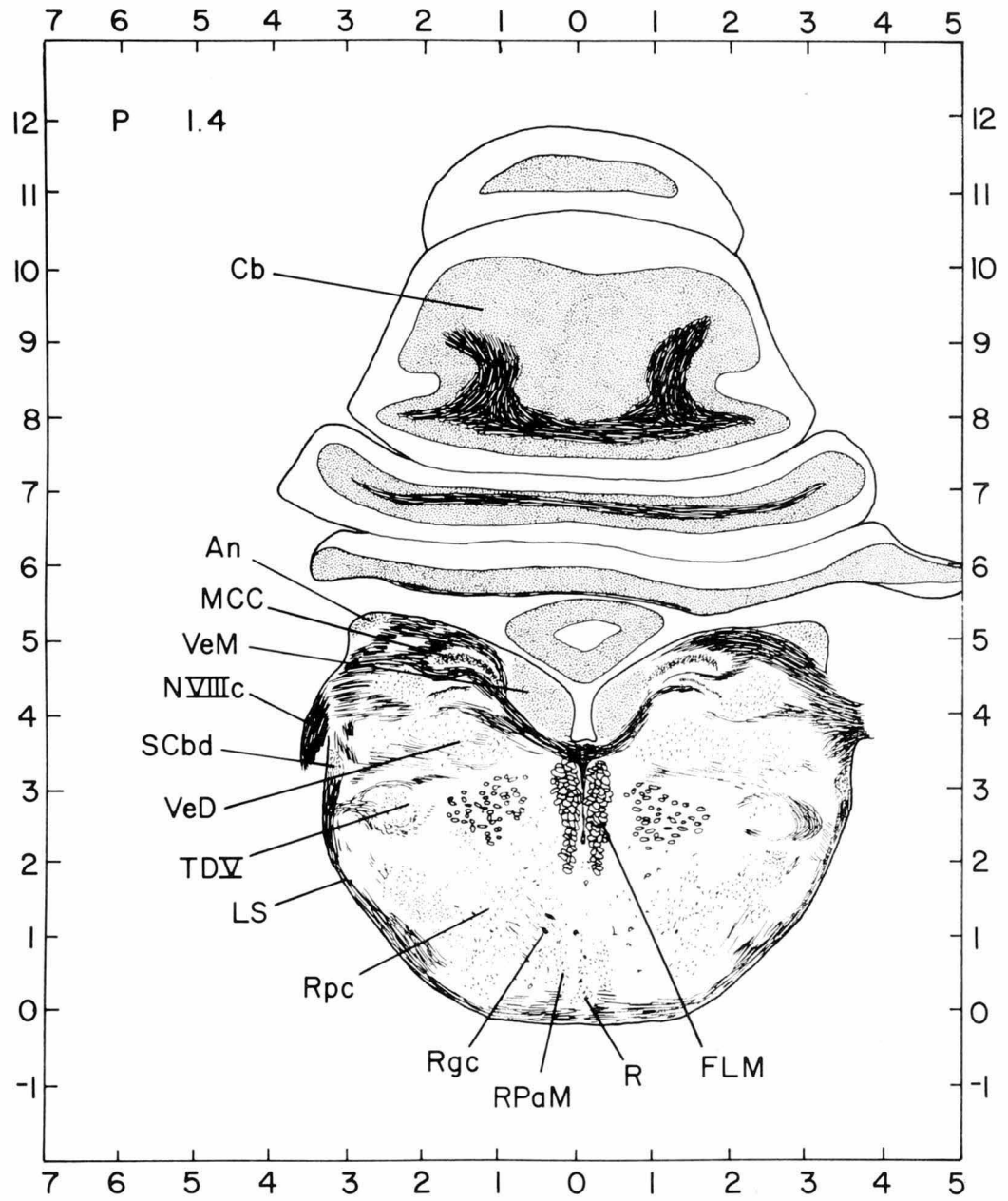
- An Nucleus angularis
- Cb Cerebellum
- CTz Corpus trapezoideum (Papez)
- FLM Fasciculus longitudinalis medialis
- L Lingula; vinculum lingulae (ICAAN)
- La Nucleus laminaris
- LS Lemniscus spinalis
- MCC Nucleus magno-cellularis cochlearis
- n VI Nucleus nervi abducentis
- N VI Nervus abducens
- N VIII v Nervus octavus, pars vestibularis
- OS Nucleus olivaris superior
- R Nucleus raphes (Raphe nucleus)
- Rgc Nucleus reticularis gigantocellularis
- RP Nucleus reticularis pontis caudalis
- RPaM Nucleus reticularis paramedianus (ICAAN);
nucleus paramedianus (Karten and Hodós)
- Ta Nucleus tangentialis (Cajal)
- TDV Nucleus et tractus descendens nervi trigemini
- VeD Nucleus vestibularis descendens
- VeL Nucleus vestibularis lateralis
- VeM Nucleus vestibularis medialis
- V IV Ventriculus quartus (Fourth ventricle)

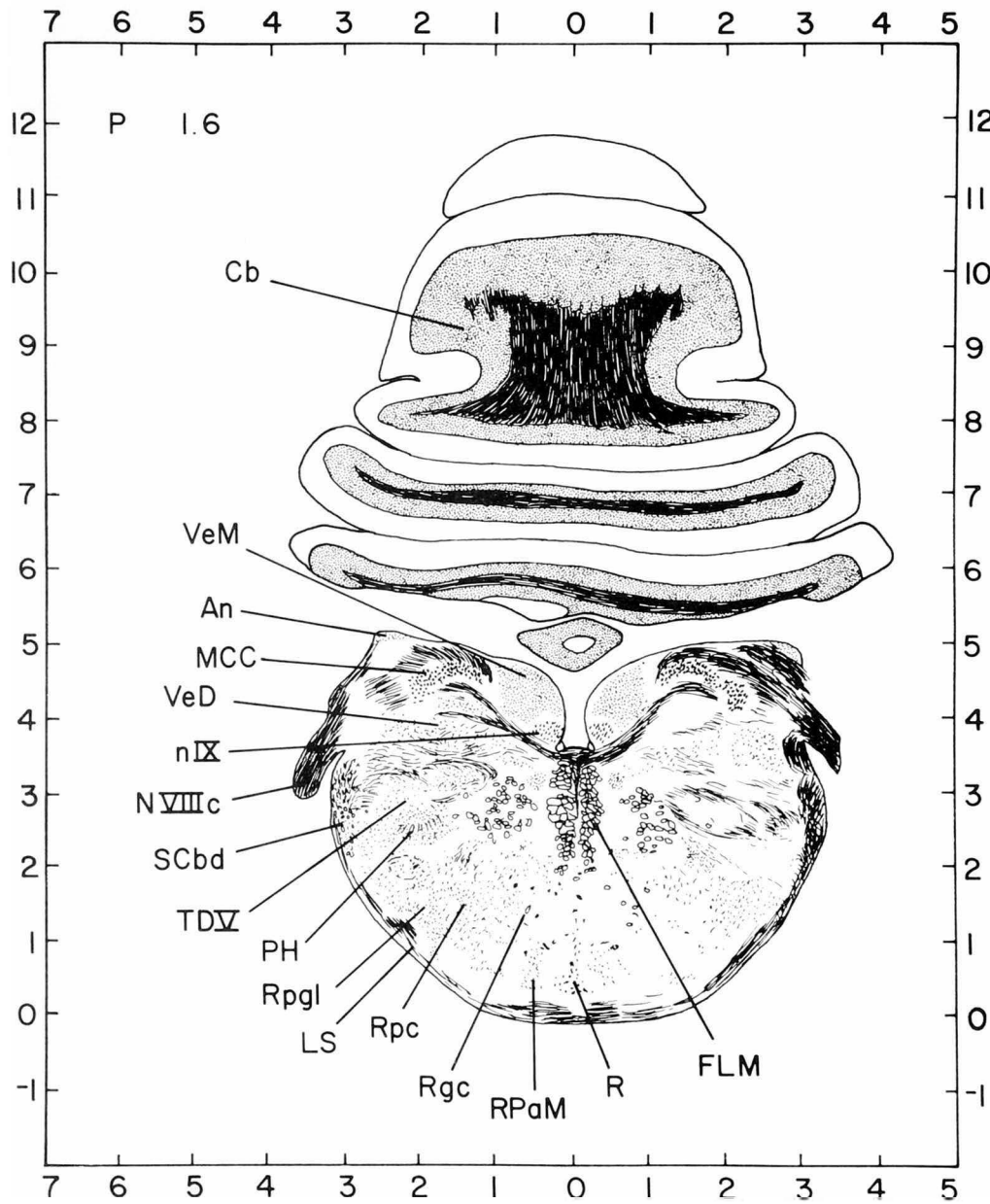




- An Nucleus angularis
- Cb Cerebellum
- FLM Fasciculus longitudinalis medialis
- LS Lemniscus spinalis
- MCC Nucleus magno-cellularis cochlearis
- n VI Nucleus nervi abducentis
- N VIII v Nervus octavus, pars vestibularis
- OS Nucleus olivaris superior
- R Nucleus raphe (Raphe nucleus)
- Rgc Nucleus reticularis gigantocellularis
- RP Nucleus reticularis pontis caudalis
- RPaM Nucleus reticularis paramedianus (ICAAN);
nucleus paramedianus (Karten and Hodós)
- Ta Nucleus tangentialis (Cajal)
- TD V Nucleus et tractus descendens nervi trigemini
- VeD Nucleus vestibularis descendens
- VeL Nucleus vestibularis lateralis
- VeM Nucleus vestibularis medialis

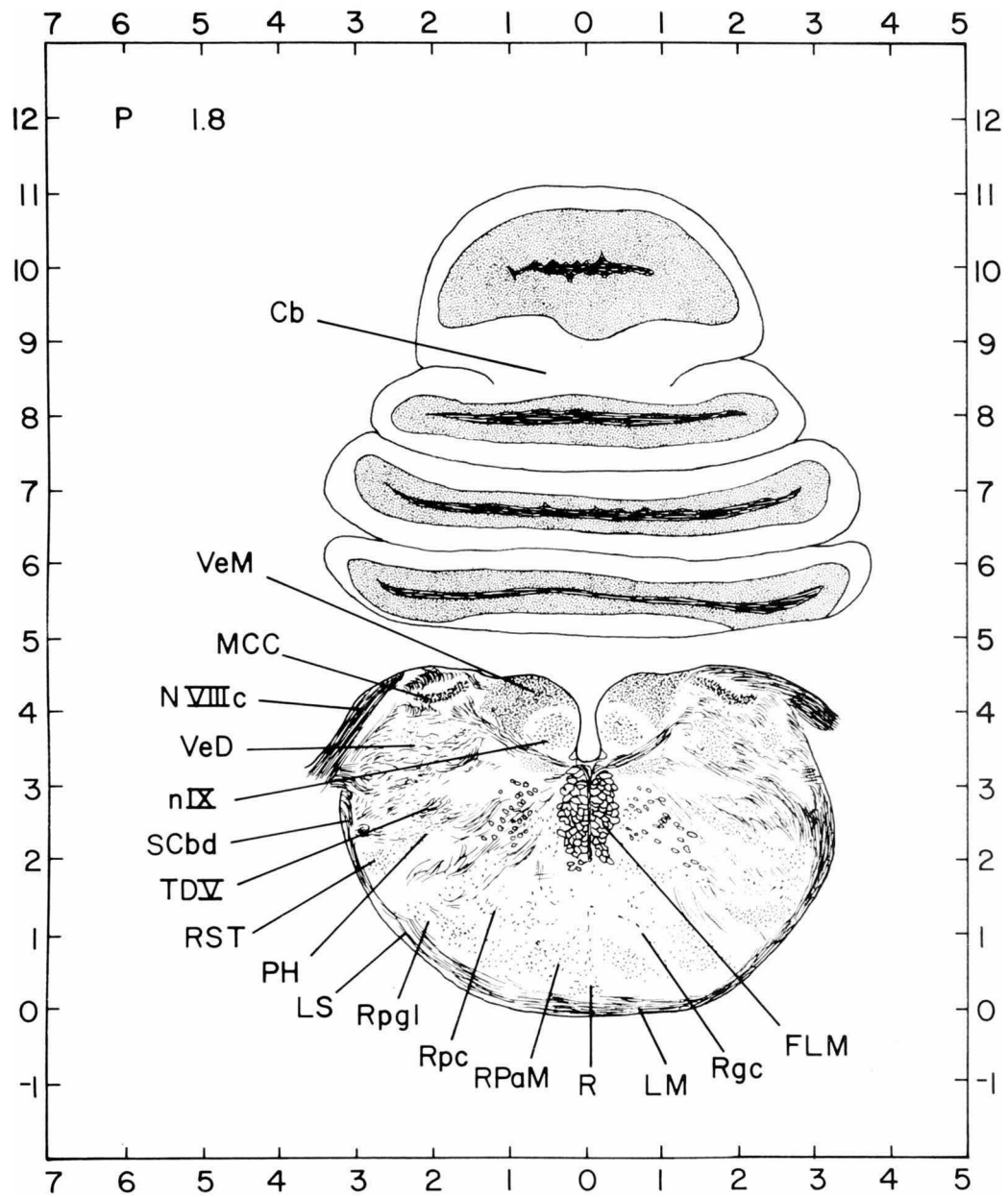
- An Nucleus angularis
- Cb Cerebellum
- FLM Fasciculus longitudinalis medialis
- LS Lemniscus spinalis
- MCC Nucleus magno-cellularis cochlearis
- N VIII c Nervus octavus, pars cochlearis
- R Nucleus raphes (Raphe nucleus)
- Rgc Nucleus reticularis gigantocellularis
- RPaM Nucleus reticularis paramedianus (ICAAN);
nucleus paramedianus (Karten and Hodos)
- Rpc Nucleus reticularis parvocellularis
- SCbd Tractus spinocerebellaris dorsalis
- TD V Nucleus et tractus descendens nervi trigemini
- VeD Nucleus vestibularis descendens
- VeM Nucleus vestibularis medialis

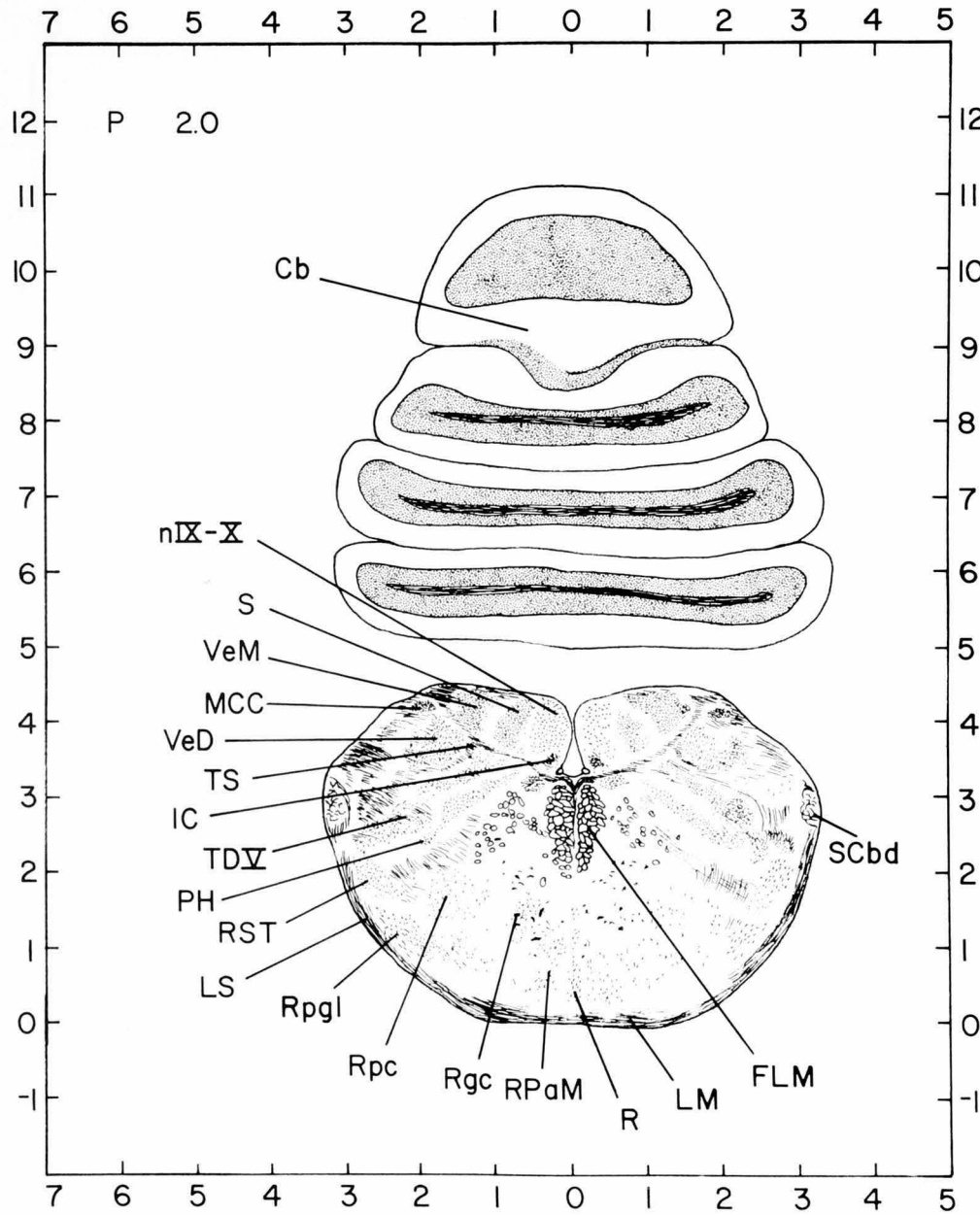




- An Nucleus angularis
- Cb Cerebellum
- FLM Fasciculus longitudinalis medialis
- LS Lemniscus spinalis
- MCC Nucleus magnocellularis cochlearis
- n IX Nucleus nervi glossopharyngei
- N VIII c Nervus octavus, pars cochlearis
- PH Plexus of Horsley
- R Nucleus raphes (Raphe nucleus)
- Rgc Nucleus reticularis gigantocellularis
- RPaM Nucleus reticularis paramedianus (ICAAAN); nucleus paramedianus (Karten and Hodosi)
- Rpc Nucleus reticularis parvocellularis
- Rpgl Nucleus reticularis paragigantocellularis lateralis (ICAAAN); nucleus paragigantocellularis lateralis (Karten and Hodosi)
- SCbd Tractus spinocerebellaris dorsalis
- TD V Nucleus et tractus descendens nervi trigemini
- VeD Nucleus vestibularis descendens
- VeM Nucleus vestibularis medialis

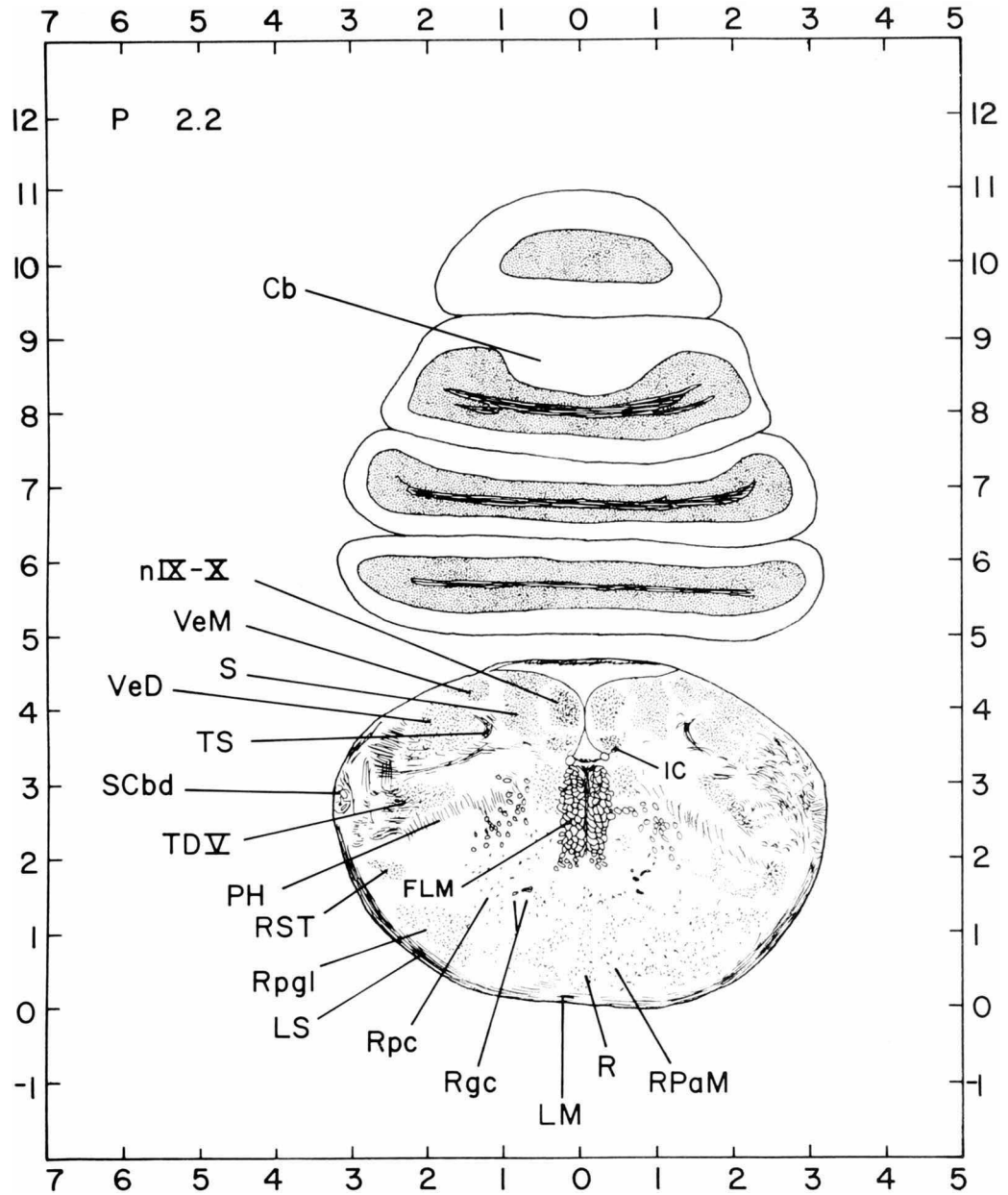
- Cb Cerebellum
- FLM Fasciculus longitudinalis medialis
- LM Lemniscus medialis
- LS Lemniscus spinalis
- MCC Nucleus magno-cellularis cochlearis
- n IX Nucleus nervi glossopharyngei
- N VIII c Nervus octavus, pars cochlearis
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nucleus paramedianus (Karten and Hodós)
- Rpc Nucleus reticularis parvocellularis
- Rpgl Nucleus reticularis paragigantocellularis
lateralis (ICAAN); nucleus paragigantocellularis
lateralis (Karten and Hodós)
- RST Nucleus reticularis subtrigeminalis
- SCbd Tractus spinocerebellaris dorsalis
- TD V Nucleus et tractus descendens nervi trigemini
- VeD Nucleus vestibularis descendens
- VeM Nucleus vestibularis medialis

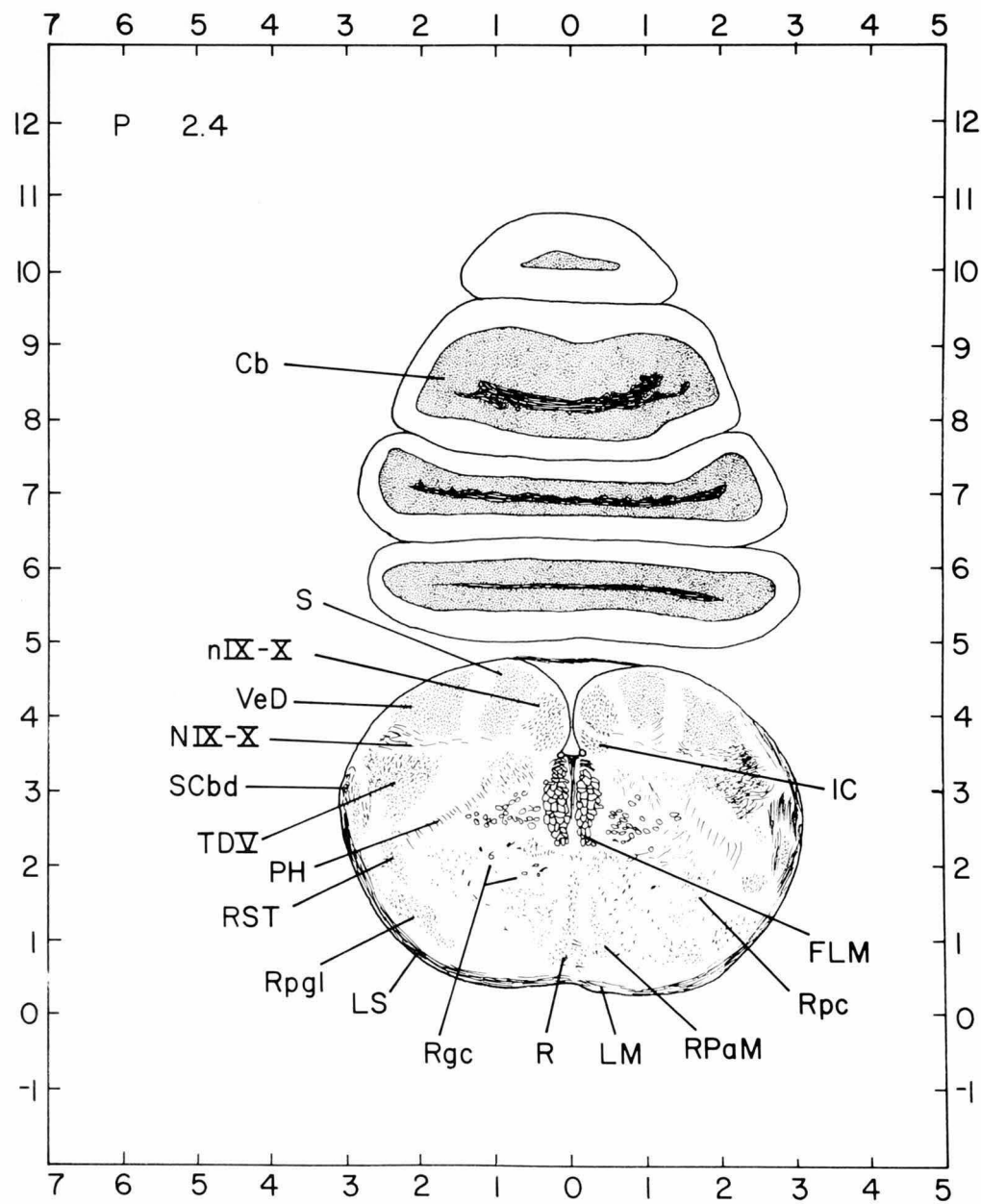




- Cb Cerebellum
- FLM Fasciculus longitudinalis medialis
- IC Nucleus intercalatus
- LM Lemniscus medialis
- LS Lemniscus spinalis
- MCC Nucleus magnocellularis cochlearis
- nIX-X Nucleus nervi glossopharyngei et nucleus motorius dorsalis nervi vagi
- PH Plexus of Horsley
- R Nucleus raphes (Raphe nucleus)
- Rgc Nucleus reticularis gigantocellularis
- RPaM Nucleus reticularis paramedianus (ICAAN); nucleus paramedianus (Karten and Hodos)
- Rpc Nucleus reticularis parvocellularis
- Rpgl Nucleus reticularis paragigantocellularis lateralis (ICAAN); nucleus paragigantocellularis lateralis (Karten and Hodos)
- RST Nucleus reticularis subtrigeminalis
- S Nucleus tractus solitarii
- SCbd Tractus spinocerebellaris dorsalis
- TS Tractus solitarius
- TDV Nucleus et tractus descendens nervi trigemini
- VeD Nucleus vestibularis descendens
- VeM Nucleus vestibularis medialis

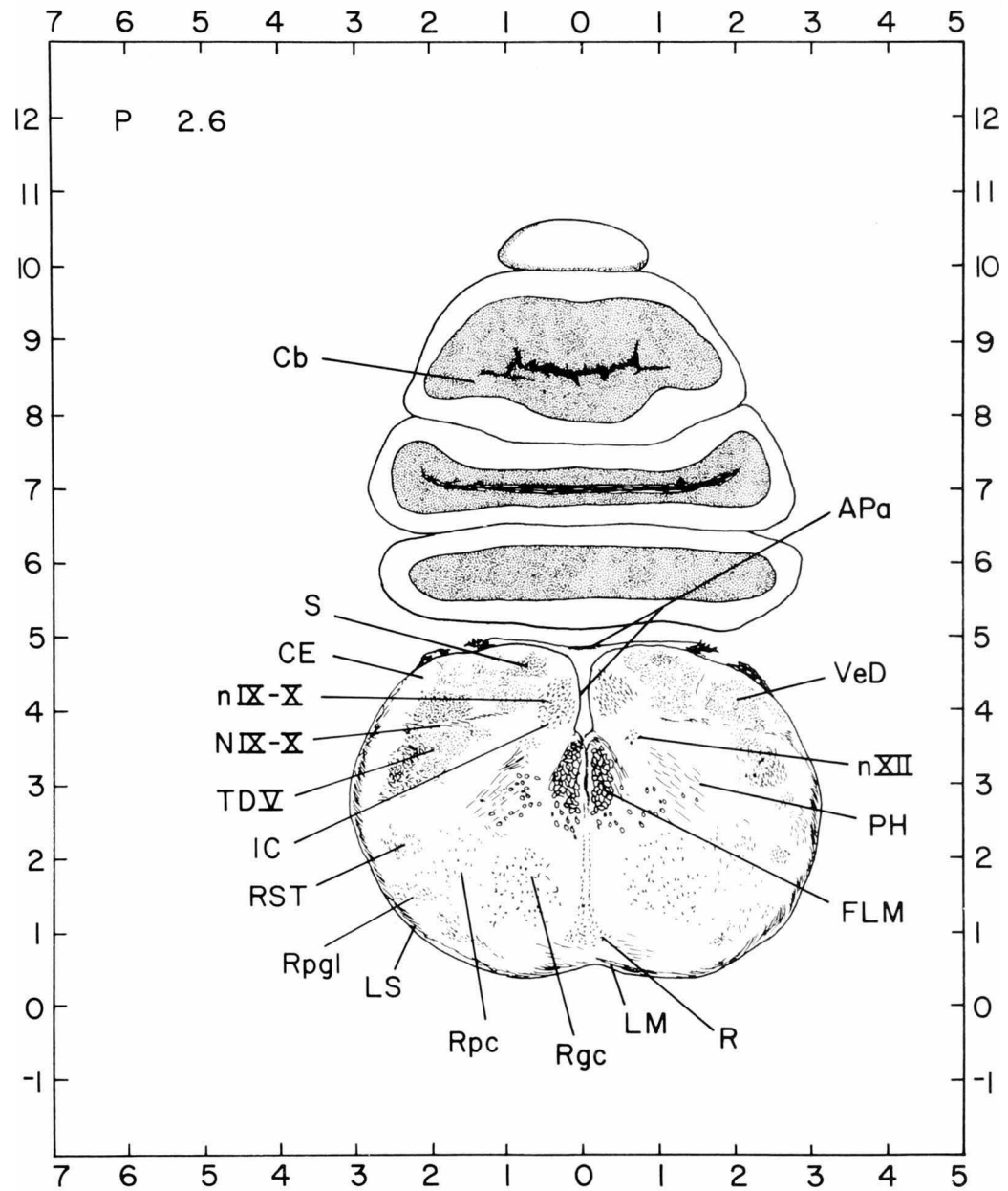
- Cb Cerebellum
- FLM Fasciculus longitudinalis medialis
- IC Nucleus intercalatus
- LM Lemniscus medialis
- LS Lemniscus spinalis
- n IX-X Nucleus nervi glossopharyngei et nucleus motorius dorsalis nervi vagi
- PH Plexus of Horsley
- R Nucleus raphes (Raphe nucleus)
- Rgc Nucleus reticularis gigantocellularis
- RPaM Nucleus reticularis paramedianus (ICAN); nucleus paramedianus (Karten and Hodos)
- Rpc Nucleus reticularis parvocellularis
- Rpgl Nucleus reticularis paragigantocellularis lateralis (ICAN); nucleus paragigantocellularis lateralis (Karten and Hodos)
- RST Nucleus reticularis subtrigeminalis
- S Nucleus tractus solitarii
- TS Tractus solitarius
- TD V Nucleus et tractus descendens nervi trigemini
- VeD Nucleus vestibularis descendens
- VeM Nucleus vestibularis medialis

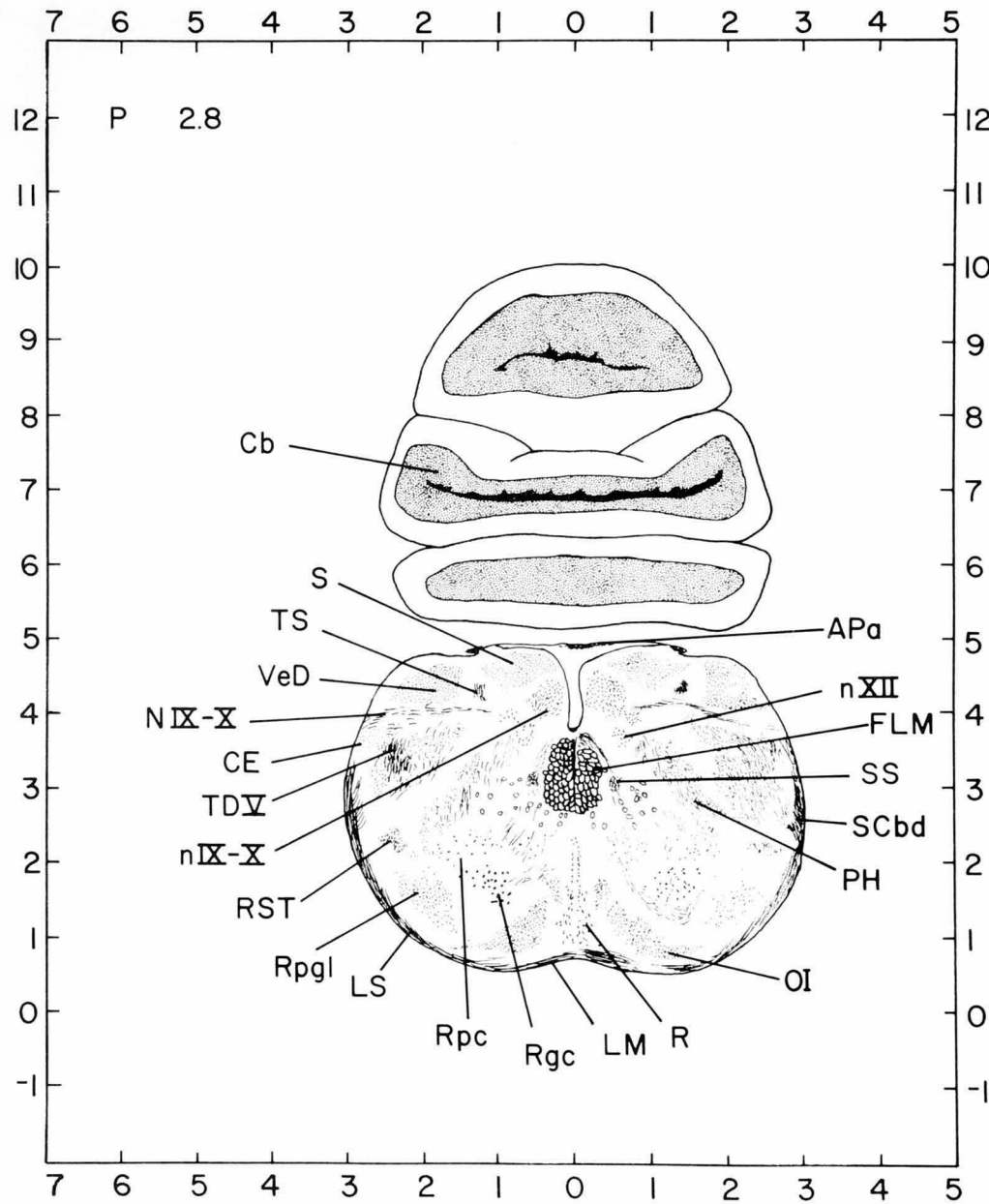




- Cb Cerebellum
- FLM Fasciculus longitudinalis medialis
- IC Nucleus intercalatus
- LM Lemniscus medialis
- LS Lemniscus spinalis
- n IX-X Nucleus nervi glossopharyngei et nucleus motorius dorsalis nervi vagi
- N IX-X Nervi glossopharyngeus et vagus
- PH Plexus of Horsley
- R Nucleus raphes (Raphe nucleus)
- Rgc Nucleus reticularis gigantocellularis
- RPaM Nucleus reticularis paramedianus (ICAAN); nucleus paramedianus (Karten and Hodosi)
- Rpc Nucleus reticularis parvocellularis
- Rpgl Nucleus reticularis paragigantocellularis lateralis (ICAAN); nucleus paragigantocellularis lateralis (Karten and Hodosi)
- RST Nucleus reticularis subtrigeminalis
- S Nucleus tractus solitarii
- SCbd Tractus spinocerebellaris dorsalis
- TD V Nucleus et tractus descendens nervi trigemini
- VeD Nucleus vestibularis descendens

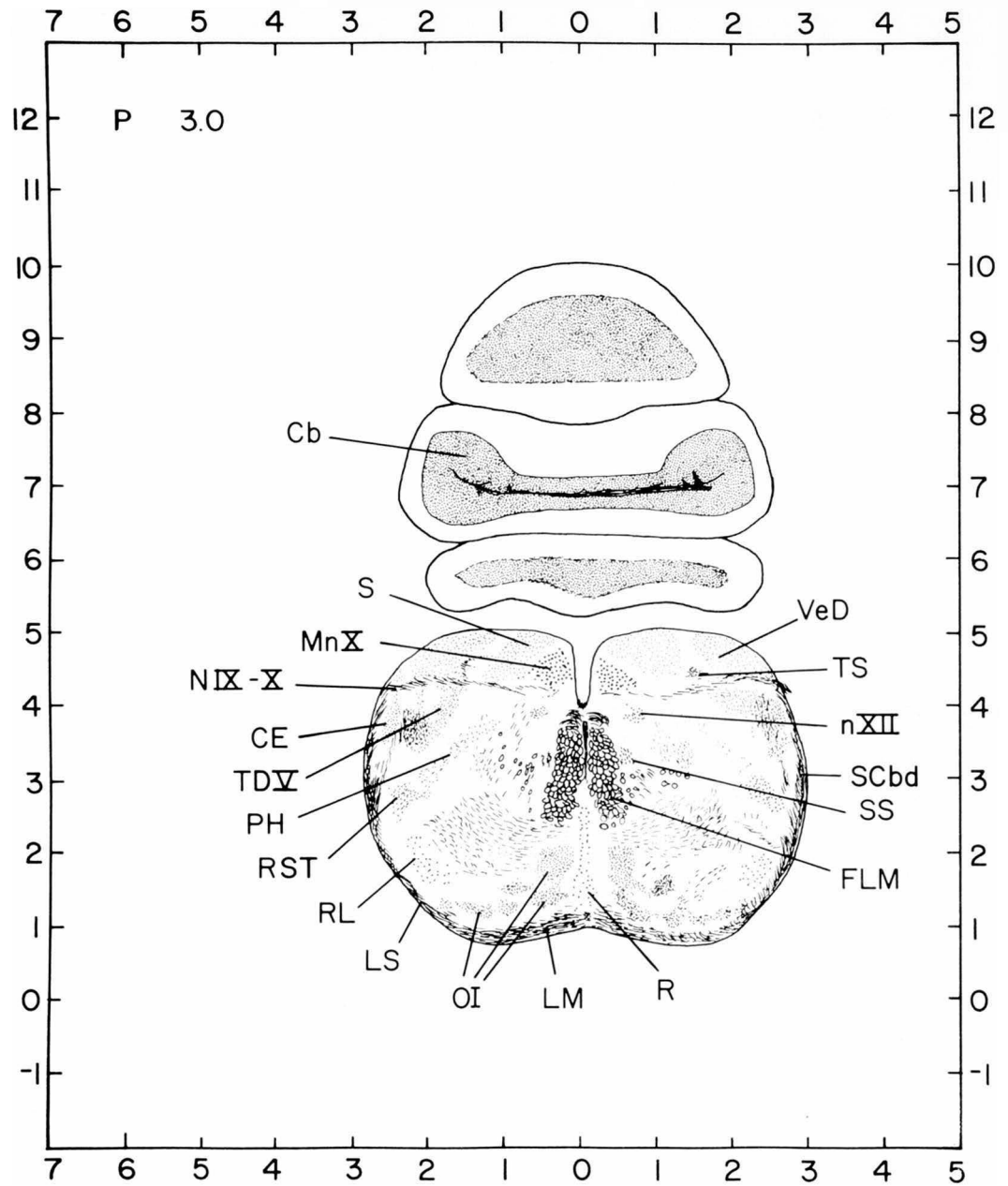
- APa Area postrema
- Cb Cerebellum
- CE Nucleus cuneatus externus (Karten and Hodos); nucleus cuneatus accessorius [lateralis] (ICAAN)
- FLM Fasciculus longitudinalis medialis
- IC Nucleus intercalatus
- LM Lemniscus medialis
- LS Lemniscus spinalis
- n IX-X Nucleus nervi glossopharyngei et nucleus motorius dorsalis nervi vagi
- N IX-X Nervi glossopharyngeus et vagus
- n XII Nucleus nervi hypoglossi (Nottebohm, Stokes, and Leonard), pars tracheosyringialis, pars lingualis; nucleus nervi cervicalis medialis (Watanabe, Iwata, and Yasuda)
- PH Plexus of Horsley
- R Nucleus raphes (Raphe nucleus)
- Rgc Nucleus reticularis gigantocellularis
- Rpc Nucleus reticularis parvocellularis
- Rpgl Nucleus reticularis paragigantocellularis lateralis (ICAAN); nucleus paragigantocellularis lateralis (Karten and Hodos)
- RST Nucleus reticularis subtrigeminalis
- S Nucleus tractus solitarii
- TDV Nucleus et tractus descendens nervi trigemini
- VeD Nucleus vestibularis descendens

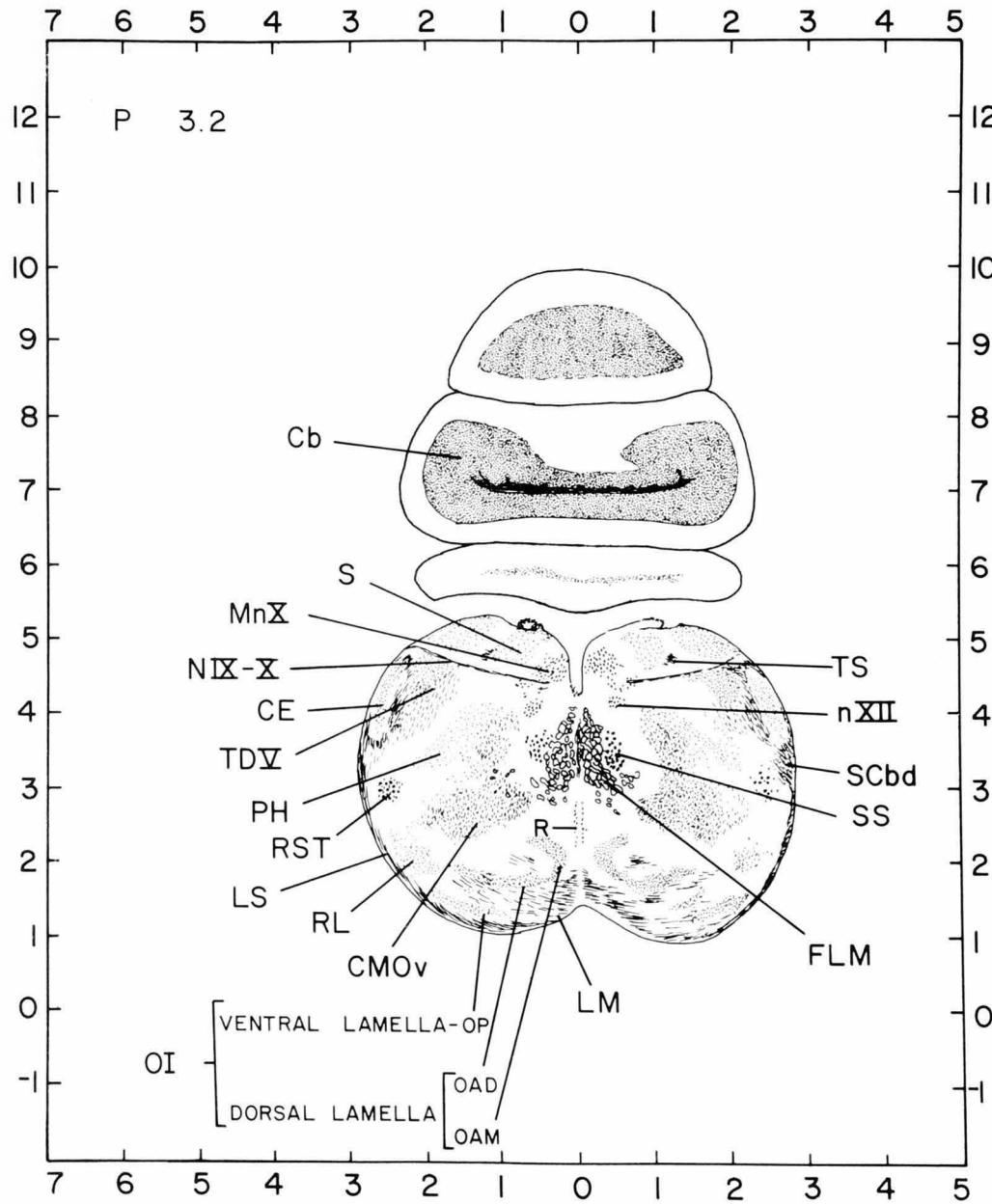




- APa Area postrema
- Cb Cerebellum
- CE Nucleus cuneatus externus (Karten and Hodos); nucleus cuneatus accessorius [lateralis] (ICAAN)
- FLM Fasciculus longitudinalis medialis
- LM Lemniscus medialis
- LS Lemniscus spinalis
- n IX-X Nucleus nervi glossopharyngei et nucleus motorius dorsalis nervi vagi
- N IX-X Nervi glossopharyngeus et vagus
- n XII Nucleus nervi hypoglossi (Nottebohm, Stokes, and Leonard), pars tracheosyringialis, pars lingualis; nucleus nervi cervicalis medialis (Watanabe, Iwata, and Yasuda)
- OI Nucleus olivaris inferior (Kooy and Vogt-Nielsen); complexus olivaris caudalis (ICAAN)
- PH Plexus of Horsley
- R Nucleus raphes (Raphe nucleus)
- Rgc Nucleus reticularis gigantocellularis
- Rpc Nucleus reticularis parvocellularis
- Rpgl Nucleus reticularis paragigantocellularis lateralis (ICAAN); nucleus paragigantocellularis lateralis (Karten and Hodos)
- RST Nucleus reticularis subtrigeminalis
- S Nucleus tractus solitarii
- SCbd Tractus spinocerebellaris dorsalis
- SS Nucleus supraspinalis (Wild and Zeigler)
- TS Tractus solitarius
- TDV Nucleus et tractus descendens nervi trigemini
- VeD Nucleus vestibularis descendens

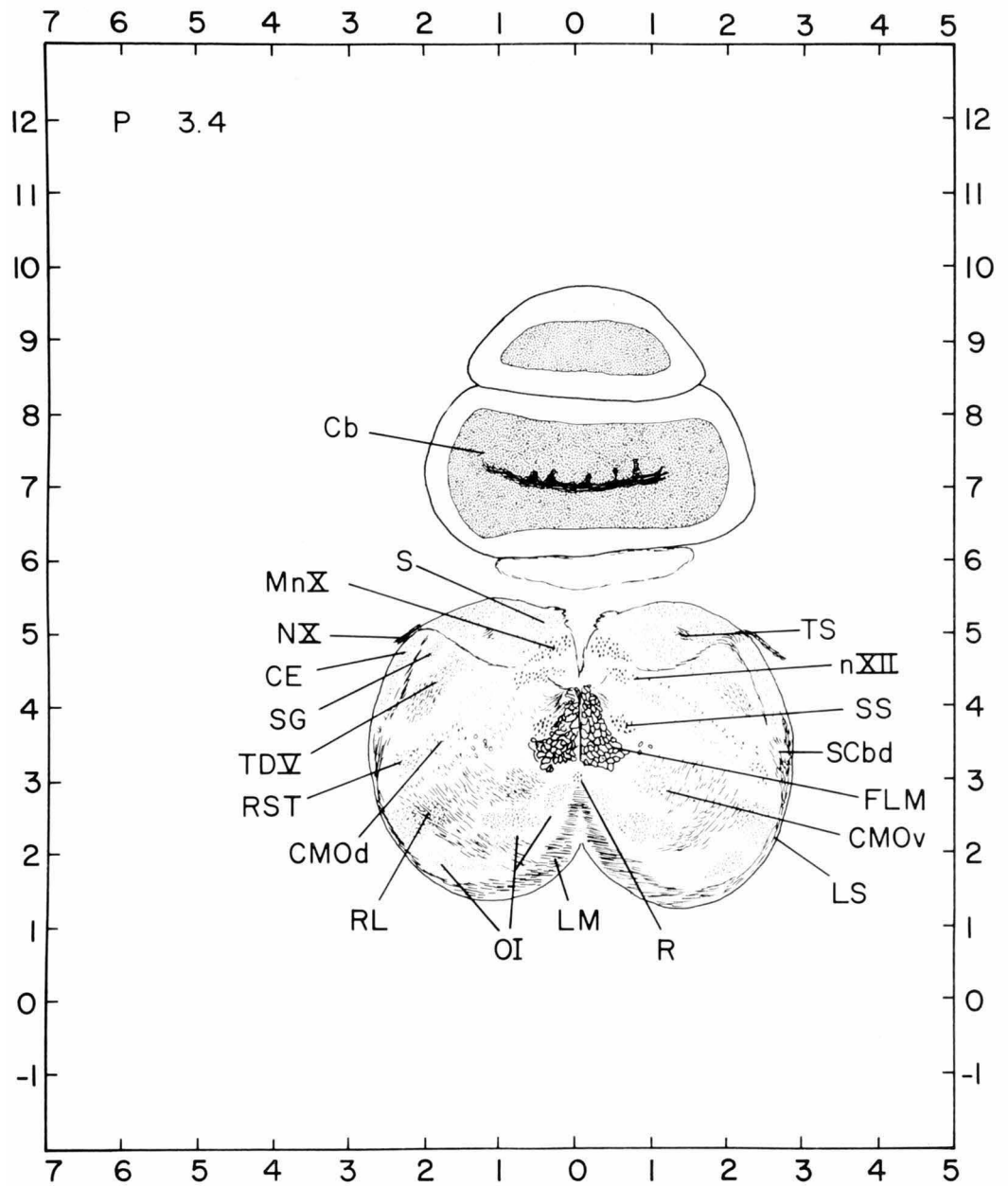
- Cb Cerebellum
- CE Nucleus cuneatus externus (Karten and Hodos); nucleus cuneatus accessorius [lateralis] (ICAAN)
- FLM Fasciculus longitudinalis medialis
- LM Lemniscus medialis
- LS Lemniscus spinalis
- Mn X Nucleus motorius dorsalis nervi vagi
- N IX-X Nervi glossopharyngeus et vagus
- n XII Nucleus nervi hypoglossi (Nottebohm, Stokes, and Leonard), pars tracheosyringialis, pars lingualis; nucleus nervi cervicalis medialis (Watanabe, Iwata, and Yasuda)
- OI Nucleus olivaris inferior (Kooy and Vogt-Nilsen); complexus olivaris caudalis (ICAAN)
- PH Plexus of Horsley
- R Nucleus raphes (Raphe nucleus)
- RL Nucleus reticularis lateralis
- RST Nucleus reticularis subtrigeminalis
- S Nucleus tractus solitarii
- SCbd Tractus spinocerebellaris dorsalis
- SS Nucleus supraspinalis (Wild and Zeigler)
- TS Tractus solitarius
- TD V Nucleus et tractus descendens nervi trigemini
- VeD Nucleus vestibularis descendens

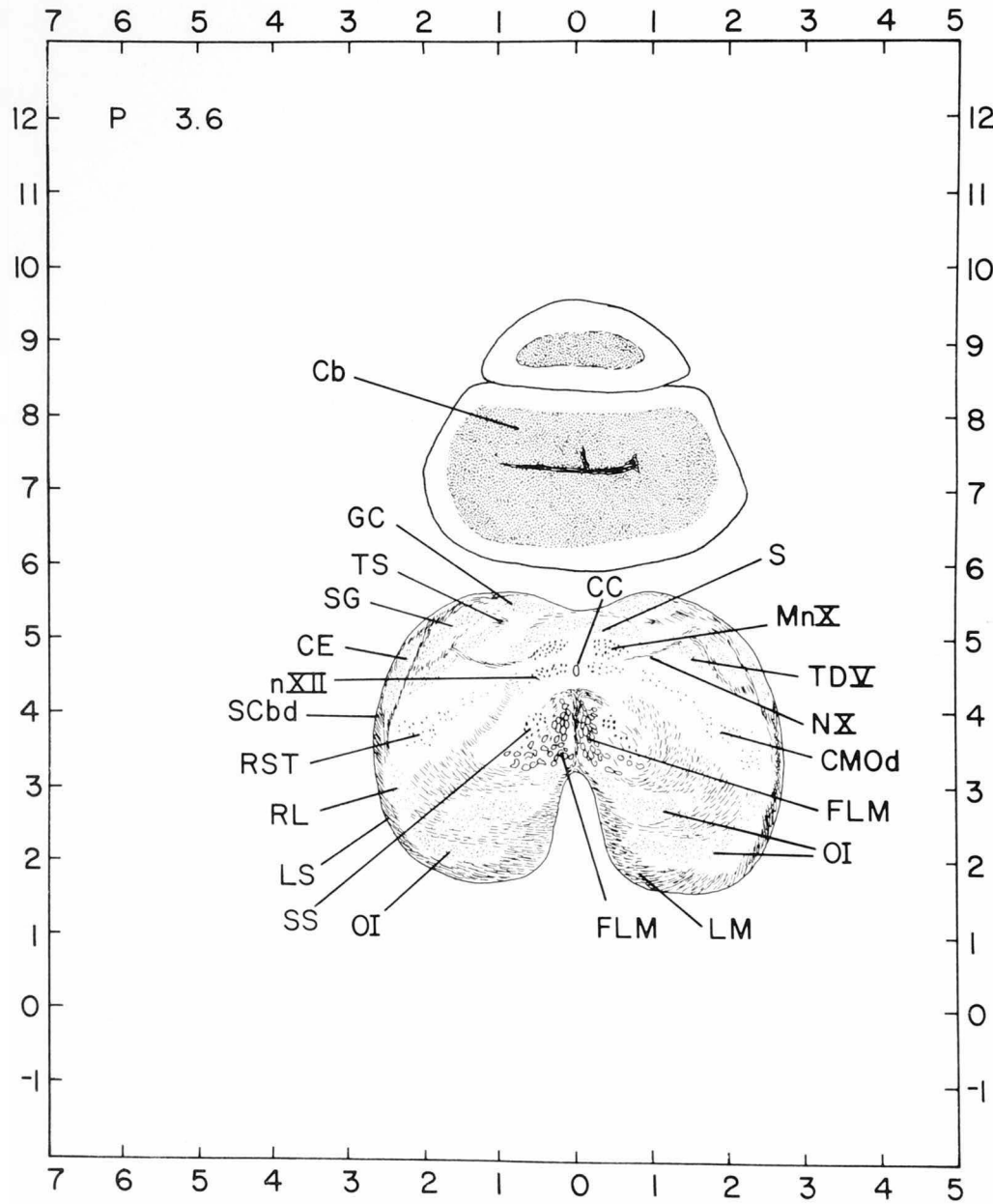




- Cb Cerebellum
- CE Nucleus cuneatus externus (Karten and Hodos); nucleus cuneatus accessorius (lateralis) (ICAAN)
- CMOv Nucleus centralis medullae oblongatae, pars ventralis
- FLM Fasciculus longitudinalis medialis
- LM Lemniscus medialis
- LS Lemniscus spinalis
- Mn X Nucleus motorius dorsalis nervi vagi
- N IX-X Nervi glossopharyngeus et vagus
- n XII Nucleus nervi hypoglossi (Nottebohm, Stokes, and Leonard), pars tracheosyringialis, pars lingualis; nucleus nervi cervicalis medialis (Watanabe, Iwata, and Yasuda)
- OI Nucleus olivaris inferior (Kooy and Vogt-Nilsen); complexus olivaris caudalis (ICAAN); components include:
 - OAD Nucleus olivaris accessorius dorsalis
 - OAM Nucleus olivaris accessorius medialis
 - OP Nucleus olivaris principalis
- PH Plexus of Horsley
- R Nucleus raphes (Raphe nucleus)
- RL Nucleus reticularis lateralis
- RST Nucleus reticularis subtrigeminalis
- S Nucleus tractus solitarii
- SCbd Tractus spinocerebellaris dorsalis
- SS Nucleus supraspinalis (Wild and Zeigler)
- TS Tractus solitarius
- TD V Nucleus et tractus descendens nervi trigemini

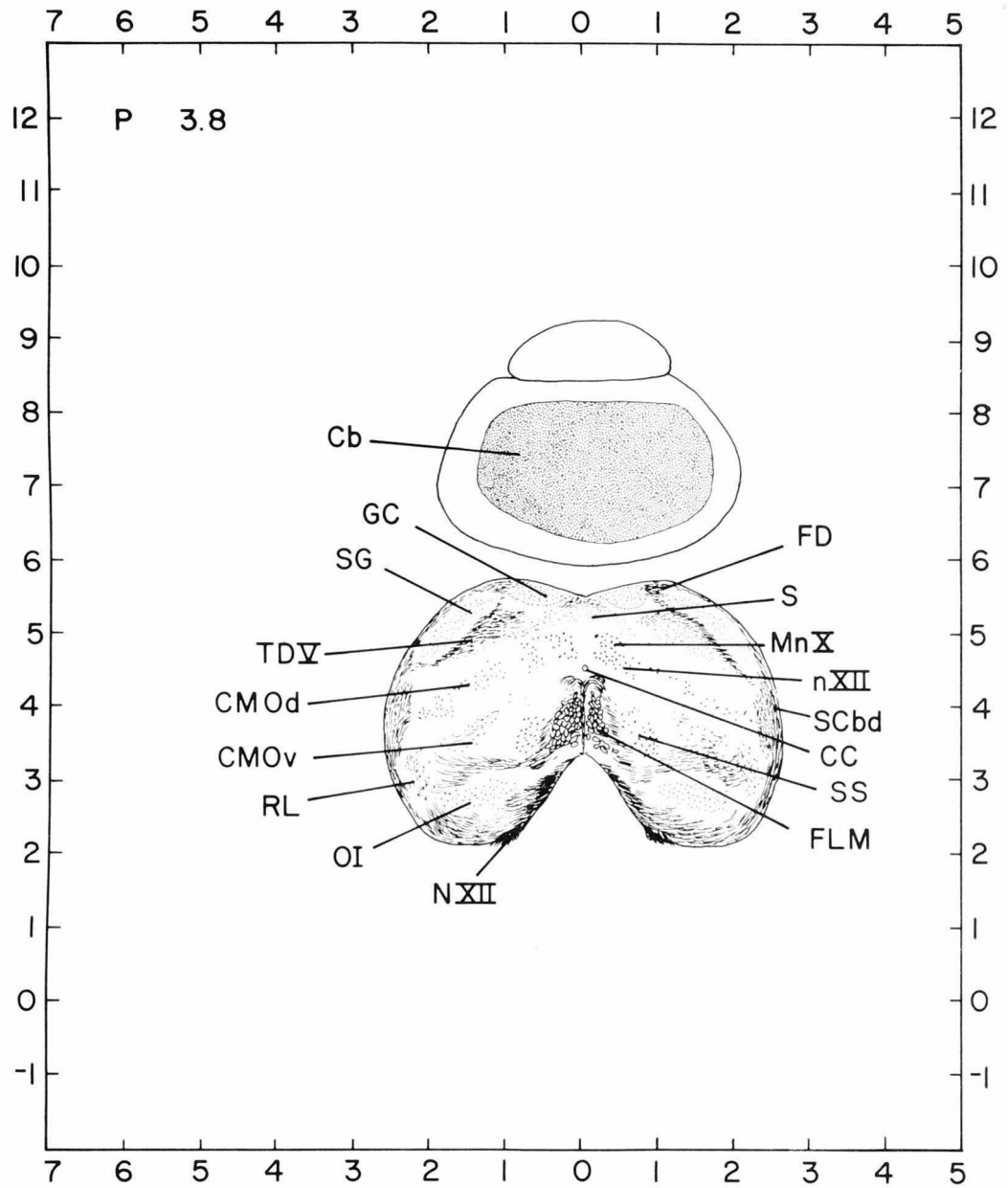
- Cb Cerebellum
- CE Nucleus cuneatus externus (Karten and Hodos); nucleus cuneatus accessorius (lateralis) (ICAAN)
- CMOd Nucleus centralis medullae oblongatae, pars dorsalis
- CMOv Nucleus centralis medullae oblongatae, pars ventralis
- FLM Fasciculus longitudinalis medialis
- LM Lemniscus medialis
- LS Lemniscus spinalis
- Mn X Nucleus motorius dorsalis nervi vagi
- n XII Nucleus nervi hypoglossi (Nottebohm, Stokes, and Leonard), pars tracheosyringalis, pars lingualis; nucleus nervi cervicalis medialis (Watanabe, Iwata, and Yasuda)
- N X Nervus vagus
- OI Nucleus olivaris inferior (Kooy and Vogt-Nilsen); complexus olivaris caudalis (ICAAN)
- R Nucleus raphes (Raphe nucleus)
- RL Nucleus reticularis lateralis
- RST Nucleus reticularis subtrigeminalis
- S Nucleus tractus solitarii
- SCbd Tractus spinocerebellaris dorsalis
- SG Substantia gelatinosa Rolandi (trigemini)
- SS Nucleus supraspinalis (Wild and Zeigler)
- TS Tractus solitarius
- TD V Nucleus et tractus descendens nervi trigemini

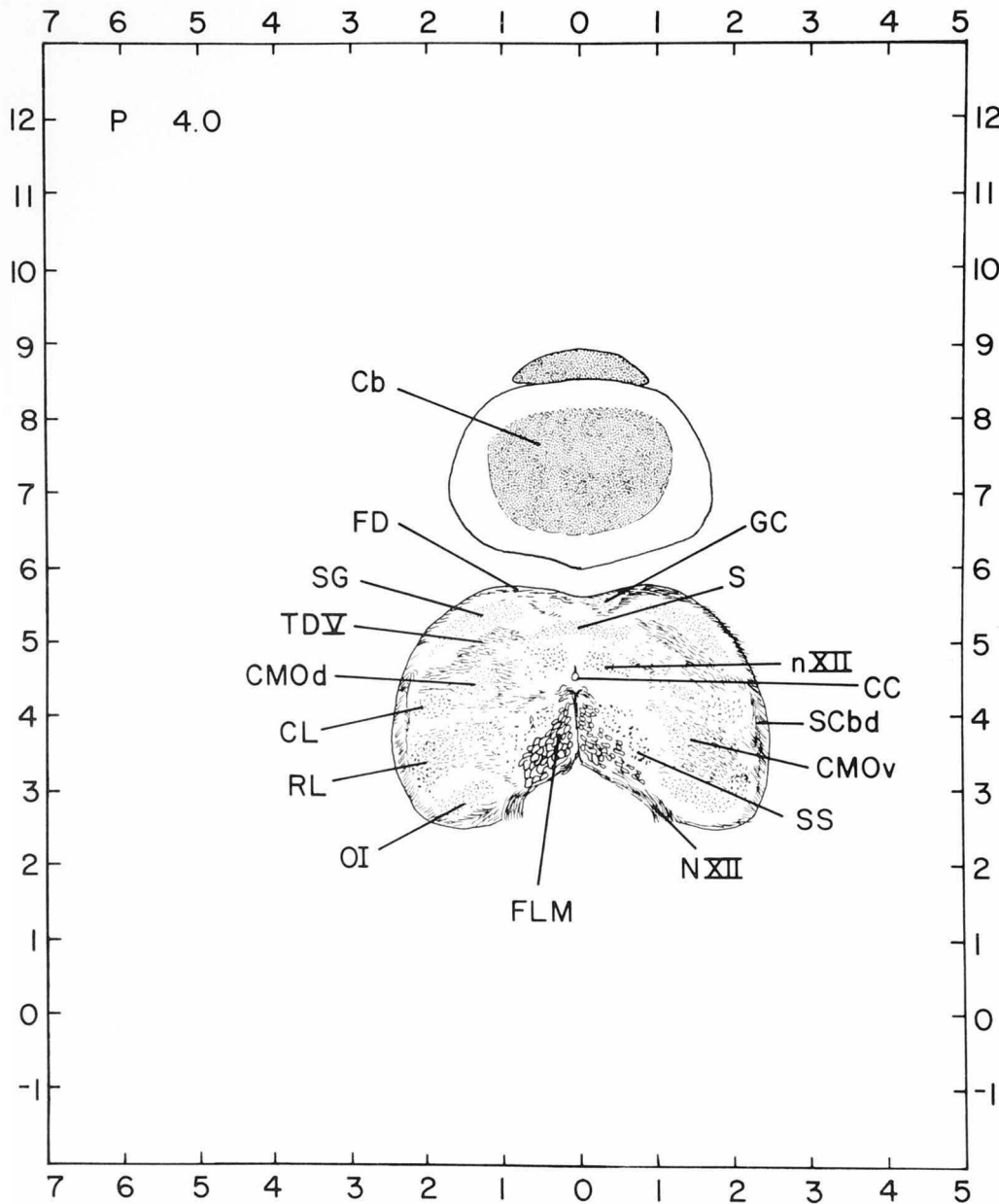




- Cb Cerebellum
- CC Canalis centralis
- CE Nucleus cuneatus externus (Karten and Hodos); nucleus cuneatus accessorius [lateralis] (ICAAN)
- CMOd Nucleus centralis medullae oblongatae, pars dorsalis
- FLM Fasciculus longitudinalis medialis
- GC Nuclei gracilis et cuneatus
- LM Lemniscus medialis
- LS Lemniscus spinalis
- Mn X Nucleus motorius dorsalis nervi vagi
- n XII Nucleus nervi hypoglossi (Nottebohm, Stokes, and Leonard), pars tracheosyringialis, pars lingualis; nucleus nervi cervicalis medialis (Watanabe, Iwata, and Yasuda)
- N X Nervus vagus
- OI Nucleus olivaris inferior (Kooy and Vogt-Nilsen); complexus olivaris caudalis (ICAAN)
- RL Nucleus reticularis lateralis
- RST Nucleus reticularis subtrigeminalis
- S Nucleus tractus solitarii
- SCbd Tractus spinocerebellaris dorsalis
- SG Substantia gelatinosa Rolandi (trigemini)
- SS Nucleus supraspinalis (Wild and Zeigler)
- TS Tractus solitarius
- TD V Nucleus et tractus descendens nervi trigemini

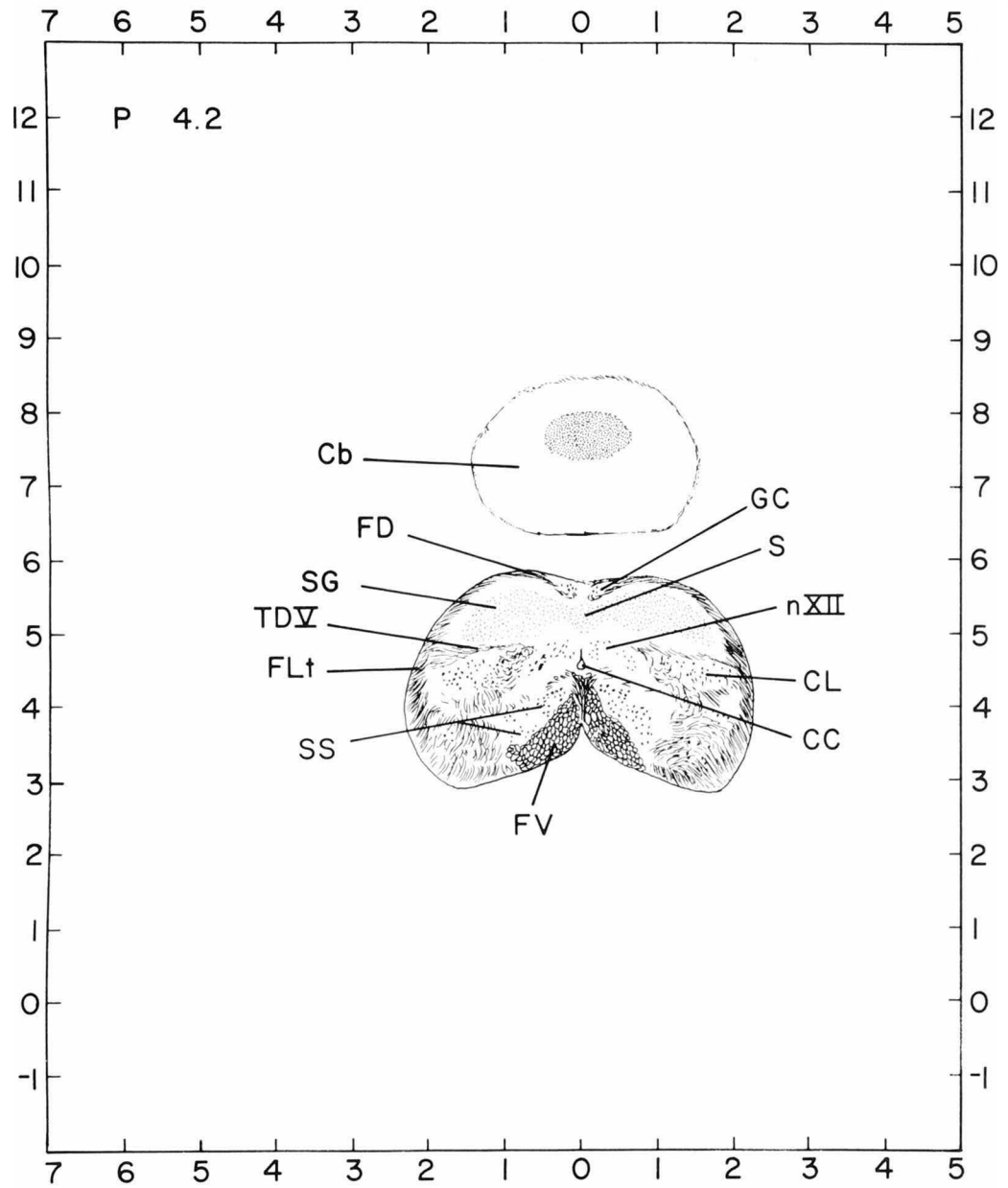
- Cb Cerebellum
- CC Canalis centralis
- CMOd Nucleus centralis medullae oblongatae, pars dorsalis
- CMOv Nucleus centralis medullae oblongatae, pars ventralis
- FD Funiculus dorsalis
- FLM Fasciculus longitudinalis medialis
- GC Nuclei gracilis et cuneatus
- Mn X Nucleus motorius dorsalis nervi vagi
- n XII Nucleus nervi hypoglossi (Nottebohm, Stokes, and Leonard), pars tracheosyringialis, pars lingualis; nucleus nervi cervicalis medialis (Watanabe, Iwata, and Yasuda)
- N XII Nervus hypoglossus
- OI Nucleus olivaris inferior (Kooy and Vogt-Nielsen); complexus olivaris caudalis (ICAN)
- RL Nucleus reticularis lateralis
- S Nucleus tractus solitarii
- SCbd Tractus spinocerebellaris dorsalis
- SG Substantia gelatinosa Rolandi (Trigemini)
- SS Nucleus supraspinalis (Wild and Zeigler)
- TD V Nucleus et tractus descendens nervi trigemini

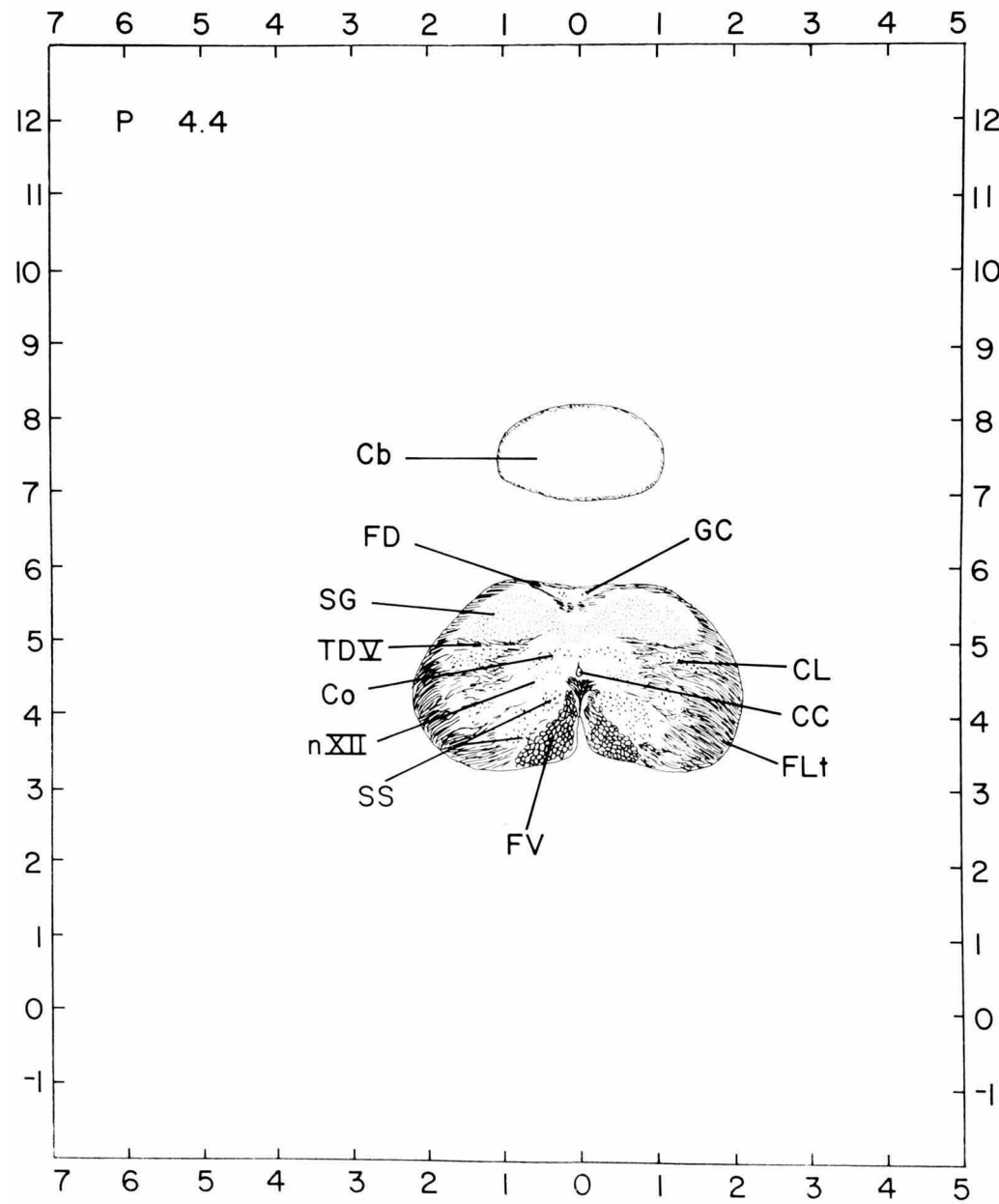




- Cb Cerebellum
- CC Canalis centralis
- CL Nucleus cervicalis lateralis
- CMOd Nucleus centralis medullae oblongatae, pars dorsalis
- CMOv Nucleus centralis medullae oblongatae, pars ventralis
- FD Funiculus dorsalis
- FLM Fasciculus longitudinalis medialis
- GC Nuclei gracilis et cuneatus
- n XII Nucleus nervi hypoglossi (Nottebohm, Stokes, and Leonard), pars tracheosyringalis, pars lingualis; nucleus nervi cervicalis medialis (Watanabe, Iwata, and Yasuda)
- N XII Nervus hypoglossus
- OI Nucleus olivaris inferior (Kooy and Vogt-Nilsen); complexus olivaris caudalis (ICAAN)
- RL Nucleus reticularis lateralis
- S Nucleus tractus solitarii
- SCbd Tractus spinocerebellaris dorsalis
- SG Substantia gelatinosa Rolandi (Trigemini)
- SS Nucleus supraspinalis (Wild and Zeigler)
- TD V Nucleus et tractus descendens nervi trigemini

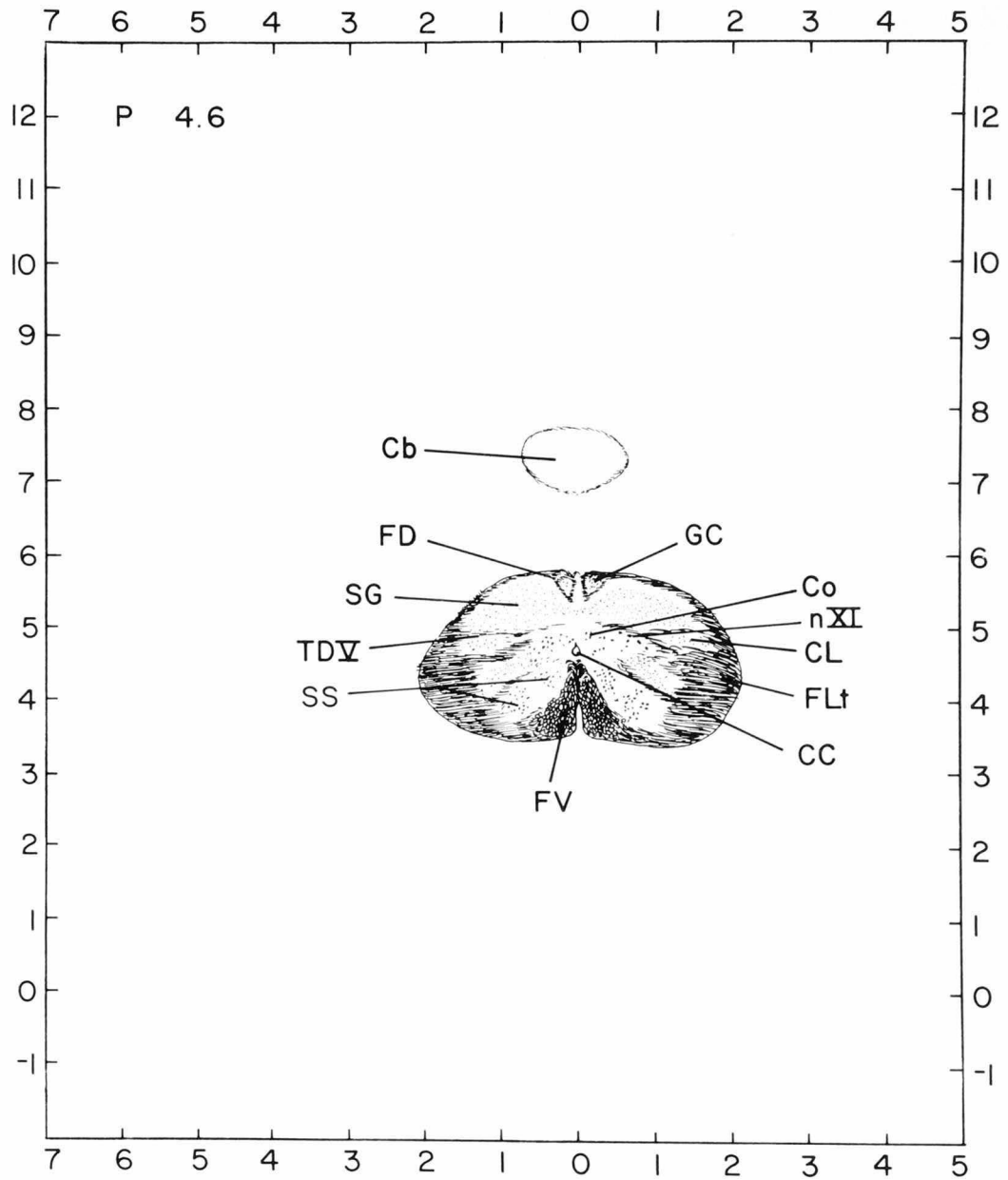
- Cb Cerebellum
- CC Canalis centralis
- CL Nucleus cervicalis lateralis
- FD Funiculus dorsalis
- FLt Funiculus lateralis
- FV Funiculus ventralis
- GC Nuclei gracilis et cuneatus
- n XII Nucleus nervi hypoglossi (Nottebohm, Stokes, and Leonard), pars tracheosyringialis, pars lingualis; nucleus nervi cervicalis medialis (Watanabe, Iwata, and Yasuda)
- S Nucleus tractus solitarii
- SG Substantia gelatinosa Rolandi (Trigemini)
- SS Nucleus supraspinalis (Wild and Zeigler)
- TD V Nucleus et tractus descendens nervi trigemini

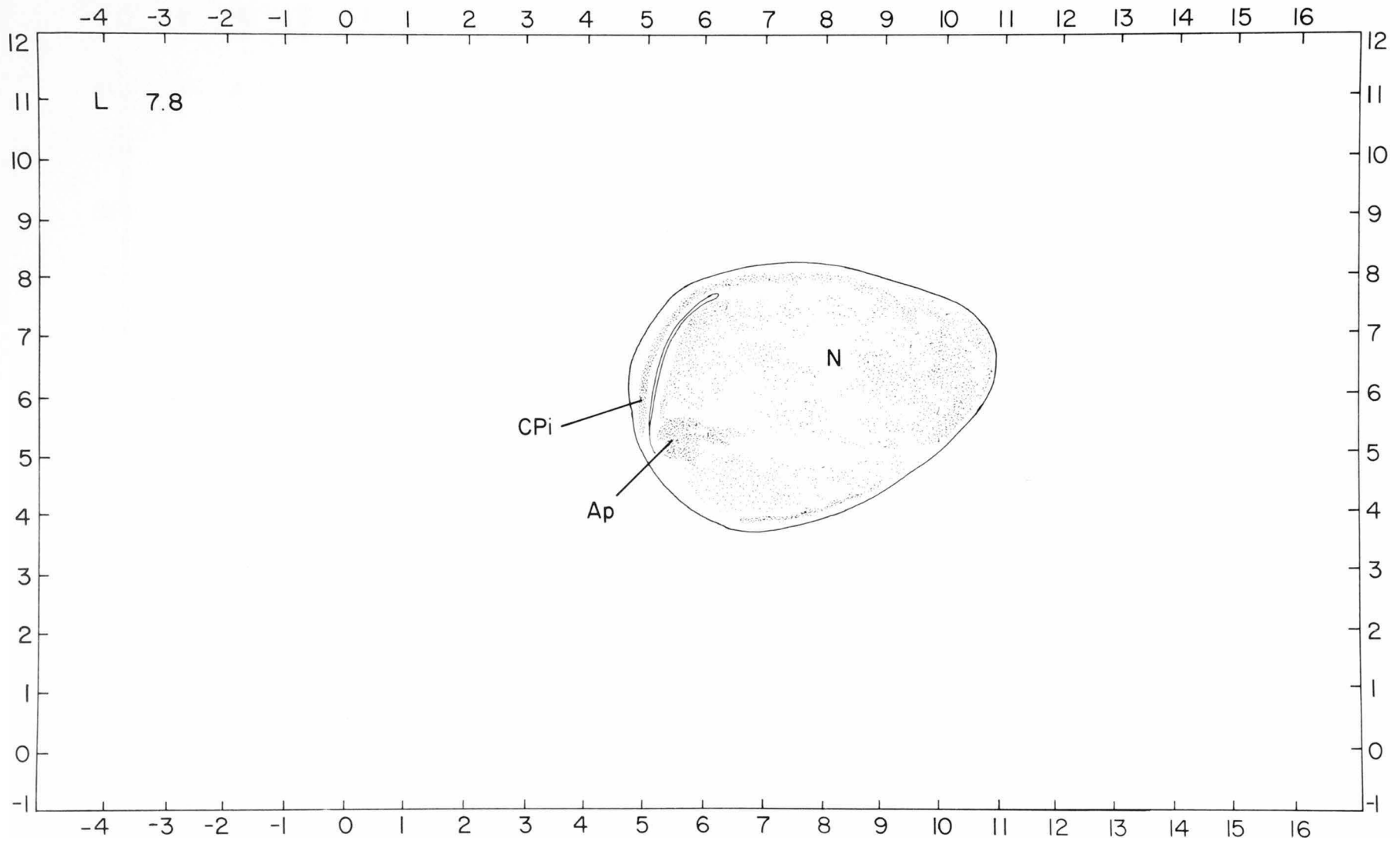




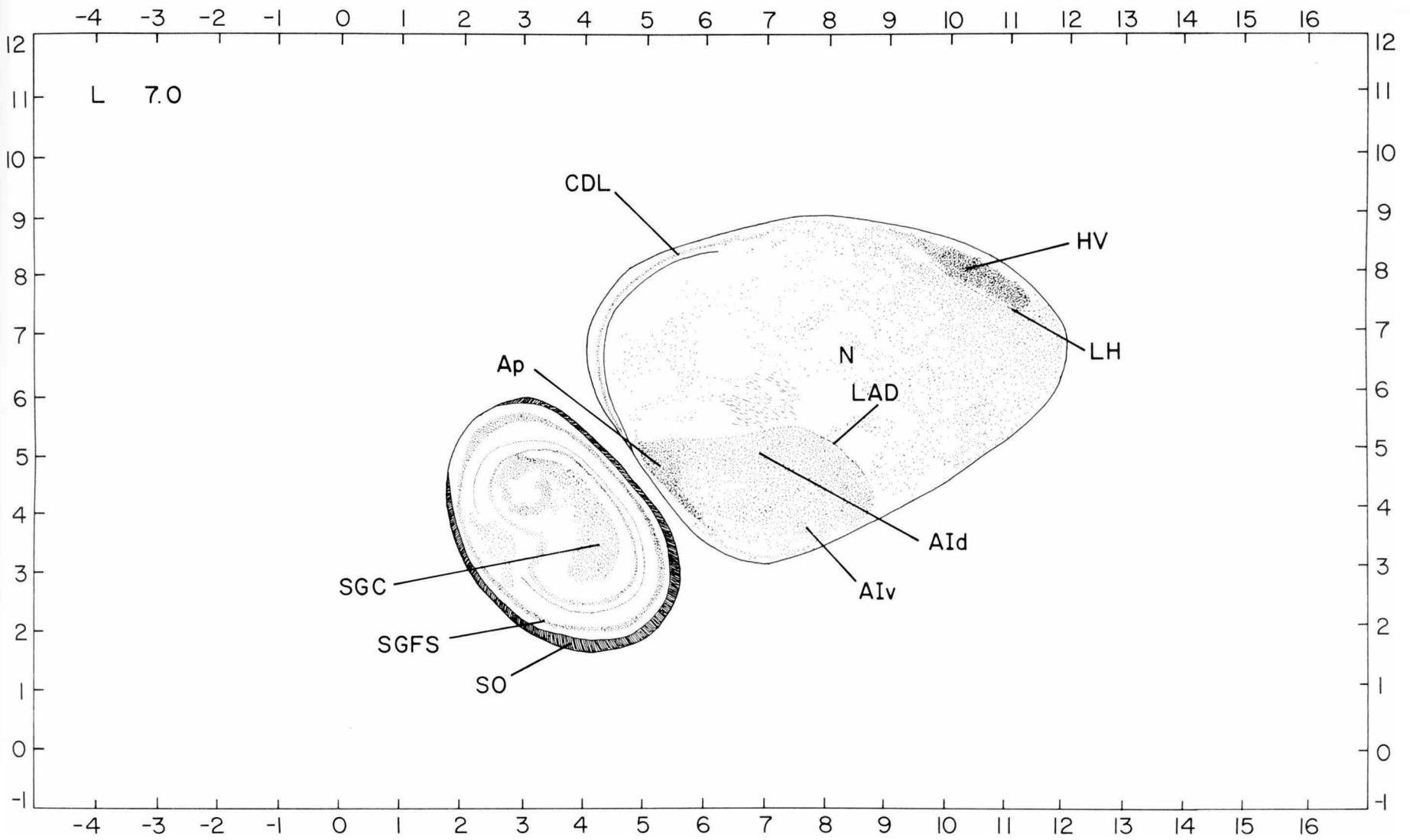
- Cb Cerebellum
- CC Canalis centralis
- CL Nucleus cervicalis lateralis
- Co Nucleus commissuralis (Haller)
- FD Funiculus dorsalis
- FLt Funiculus lateralis
- FV Funiculus ventralis
- GC Nuclei gracilis et cuneatus
- n XII Nucleus nervi hypoglossi (Nottebohm, Stokes, and Leonard), pars tracheosyringalis, pars lingualis; nucleus nervi cervicalis medialis (Watanabe, Iwata, and Yasuda)
- SG Substantia gelatinosa Rolandi (Trigemini)
- SS Nucleus supraspinalis (Wild and Zeigler)
- TD V Nucleus et tractus descendens nervi trigemini

- Cb Cerebellum
- CC Canalis centralis
- CL Nucleus cervicalis lateralis
- Co Nucleus commissuralis (Haller)
- FD Funiculus dorsalis
- FLt Funiculus lateralis
- FV Funiculus ventralis
- GC Nuclei gracilis et cuneatus
- n XI Nucleus nervi accessorii (Spinal accessory nerve [Eden and Correia])
- SG Substantia gelatinosa Rolandi (Trigemini)
- SS Nucleus supraspinalis (Wild and Zeigler)
- TD V Nucleus et tractus descendens nervi trigemini

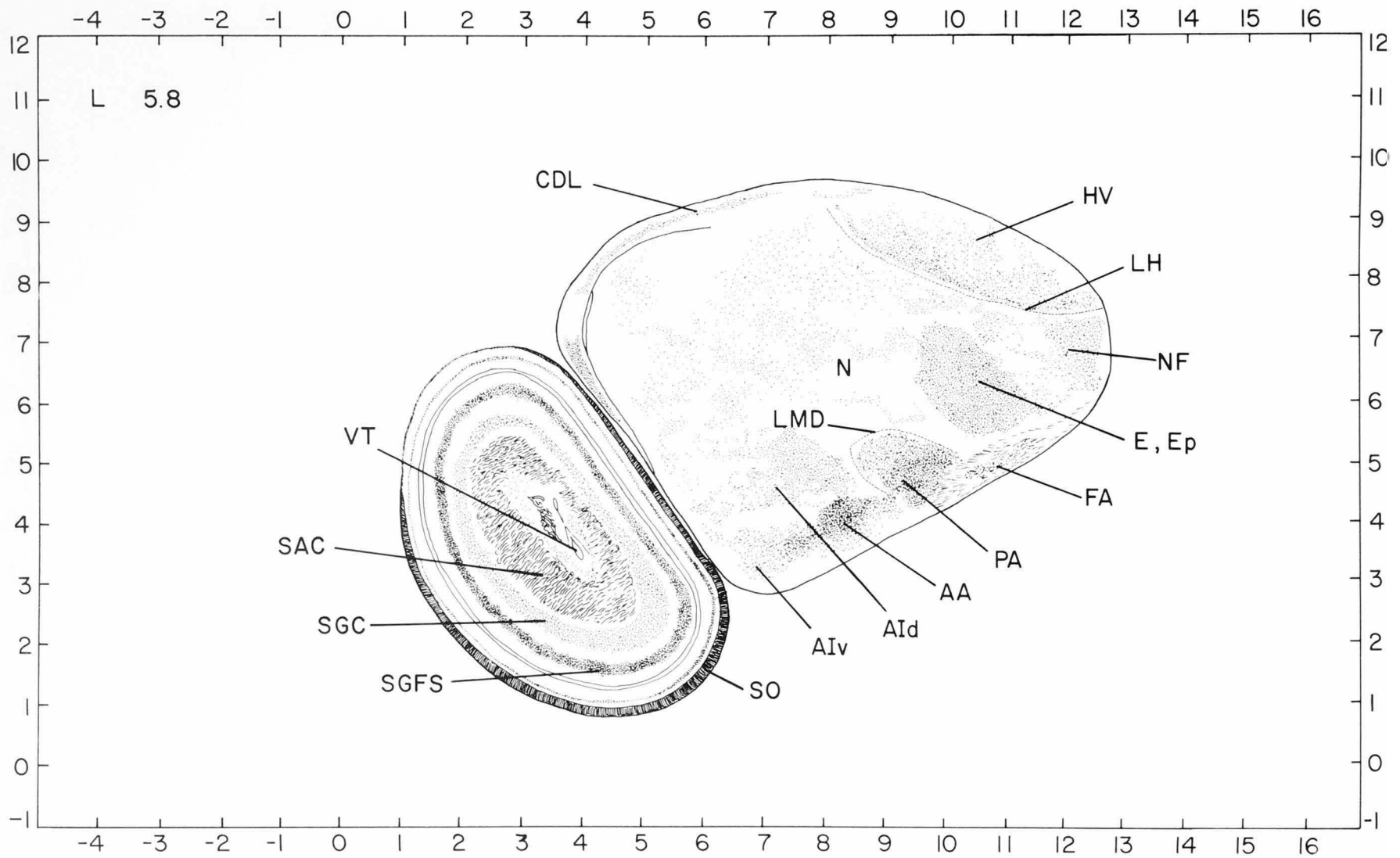




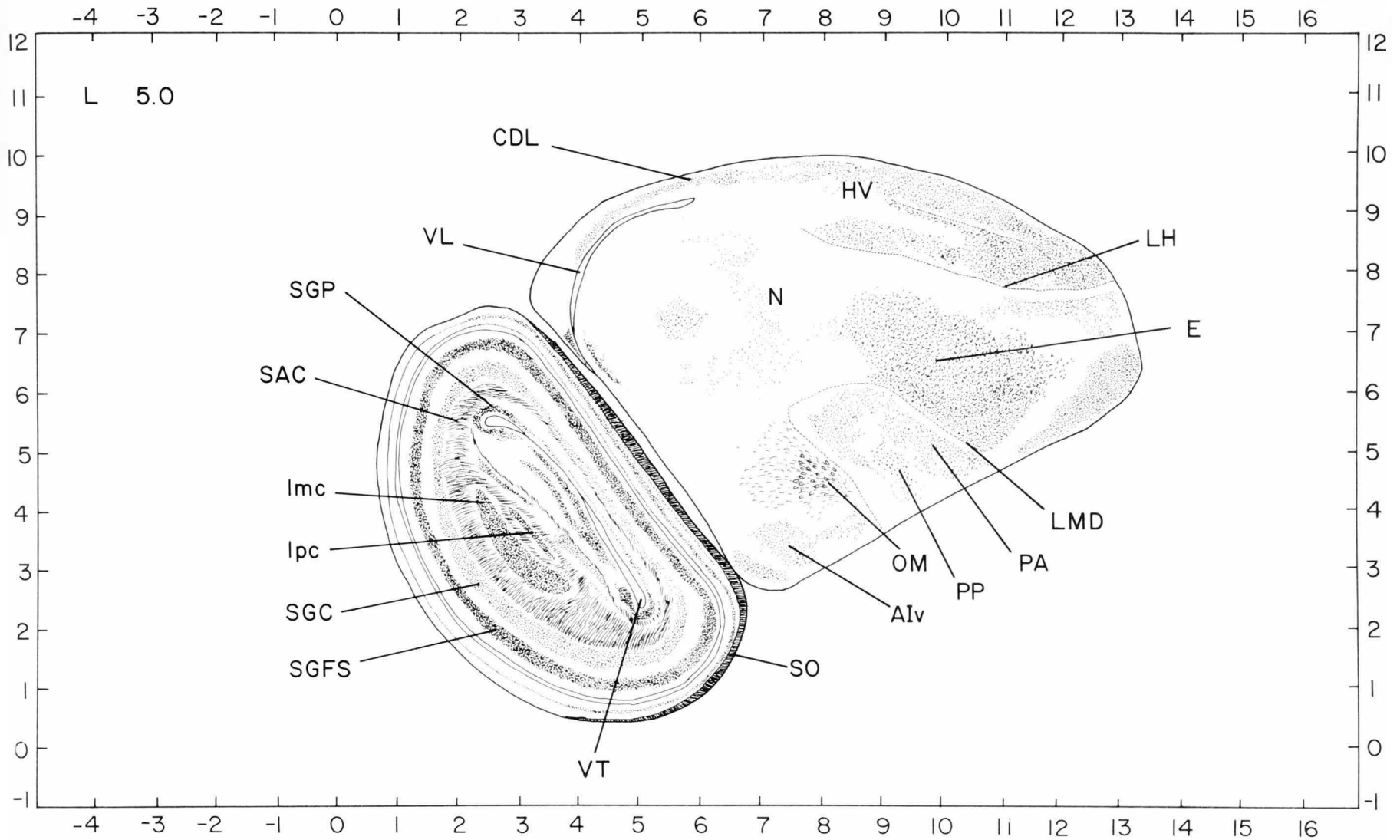
Ap Archistriatum posterior (caudale) (Zeier and Karten)
CPI Cortex piriformis
N Neostriatum



- AId Archistriatum intermedium, pars dorsalis (Zeier and Karten)
- AIv Archistriatum intermedium, pars ventralis (Zeier and Karten)
- Ap Archistriatum posterior (caudale) (Zeier and Karten)
- CDL Area corticoidea dorsolateralis
- HV Hyperstriatum ventrale
- LAD Lamina archistriatalis dorsalis (Zeier and Karten)
- LH Lamina hyperstriatica
- N Neostriatum
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SO Stratum opticum

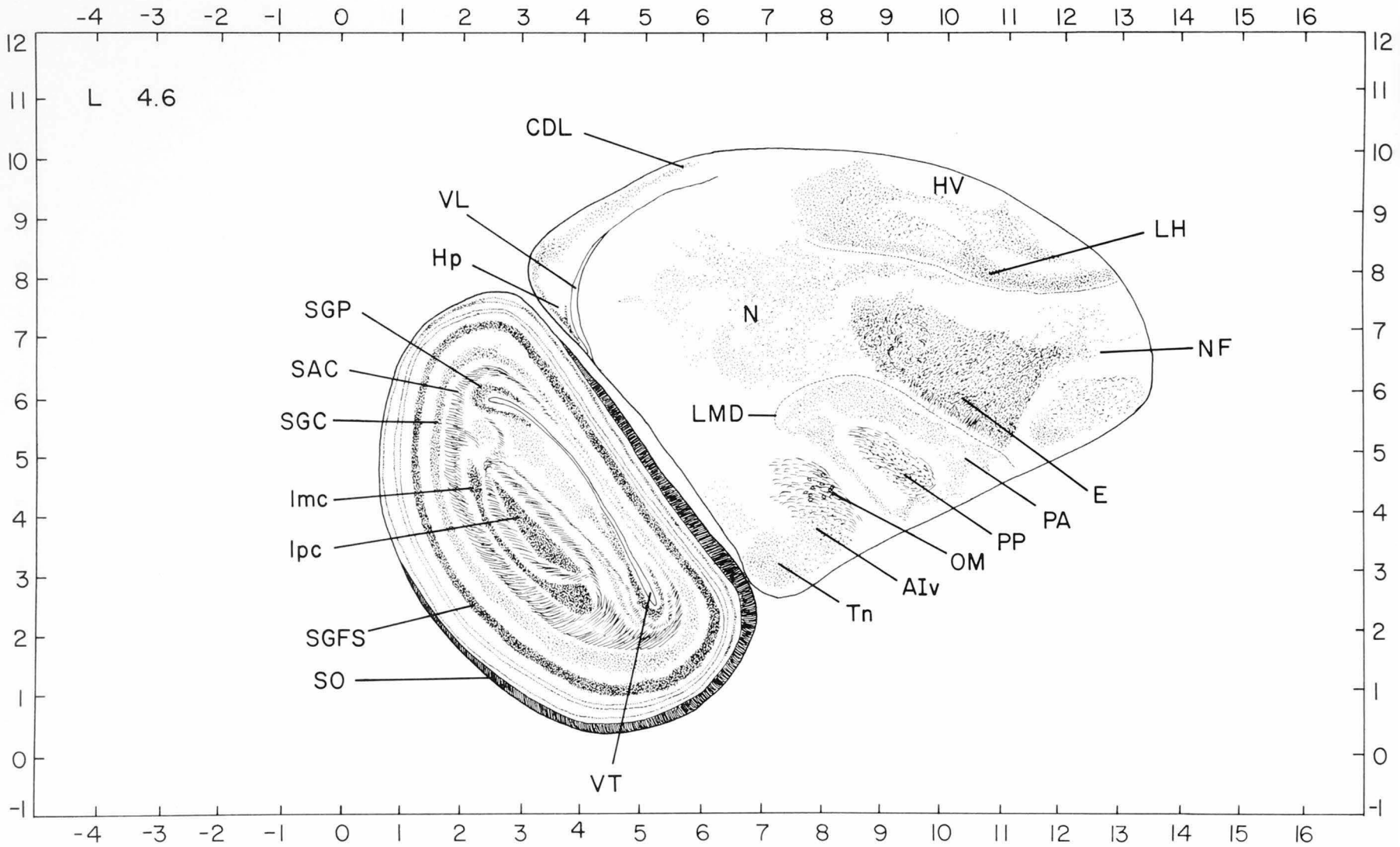


- | | | | |
|-------|--|------|---|
| AA | Archistriatum anterior [rostrale] (Zeier and Karten) | LH | Lamina hyperstriatica |
| AId | Archistriatum intermedium, pars dorsalis (Zeier and Karten) | LMD | Lamina medullaris dorsalis |
| Alv | Archistriatum intermedium, pars ventralis (Zeier and Karten) | N | Neostriatum |
| CDL | Area corticoidea dorsolateralis | NF | Neostriatum frontale |
| E, EP | Ectostriatum, Cingulum periestriatale (Periestriatal belt) | PA | Paleostriatum augmentatum (Caudate putamen) |
| FA | Tractus fronto-archistriaticus | SAC | Stratum album centrale |
| HV | Hyperstriatum ventrale | SGC | Stratum griseum centrale |
| | | SGFS | Stratum griseum et fibrosum superficiale |
| | | SO | Stratum opticum |
| | | VT | Ventriculus tecti mesencephali |

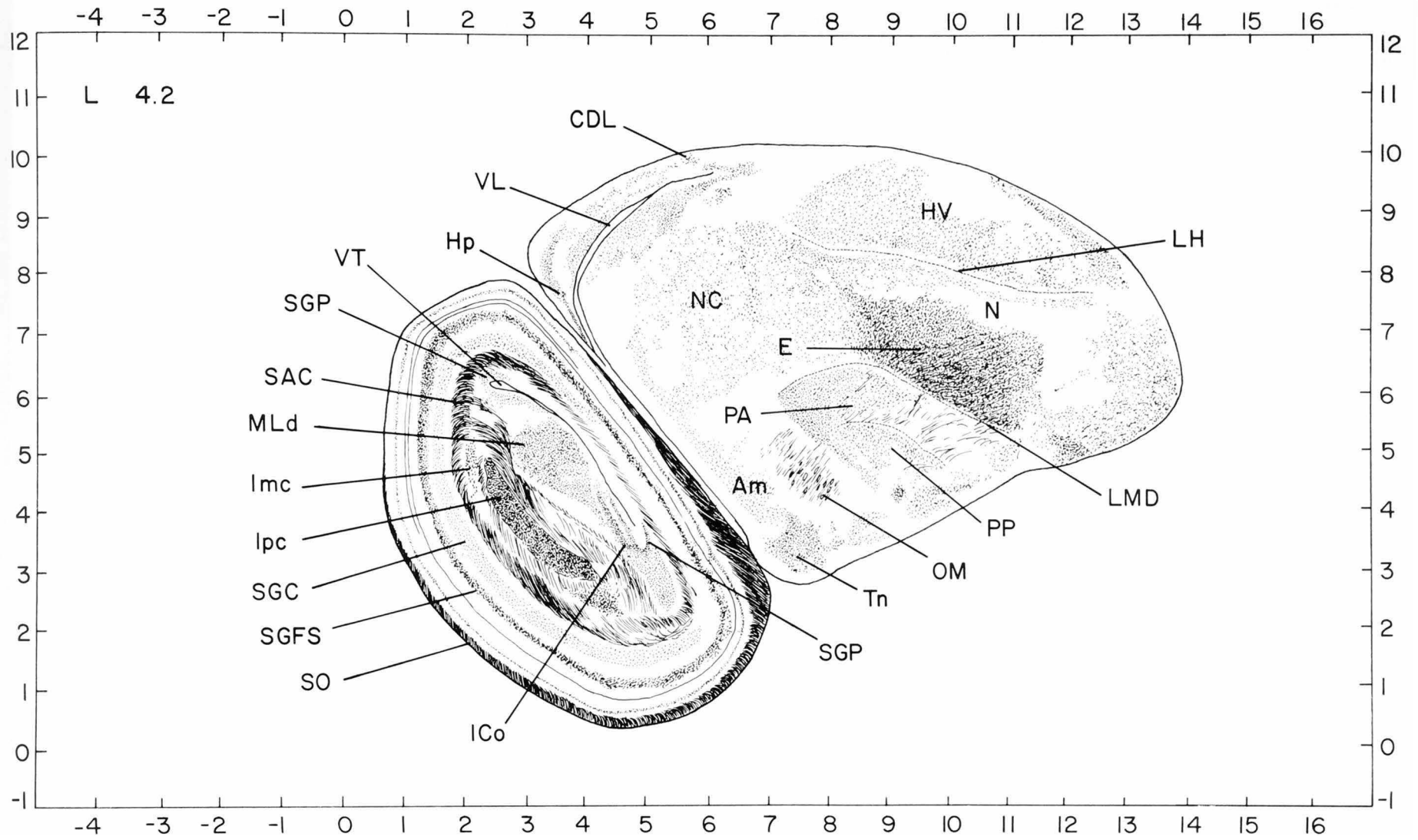


Alv Archistriatum intermedium, pars ventralis (Zeier and Karten)
 CDL Area corticoidea dorsolateralis
 E Ectostriatum
 HV Hyperstriatum ventrale
 lmc Nucleus isthmi, pars magnocellularis
 lpc Nucleus isthmi, pars parvocellularis
 LH Lamina hyperstriatica
 LMD Lamina medullaris dorsalis
 N Neostriatum

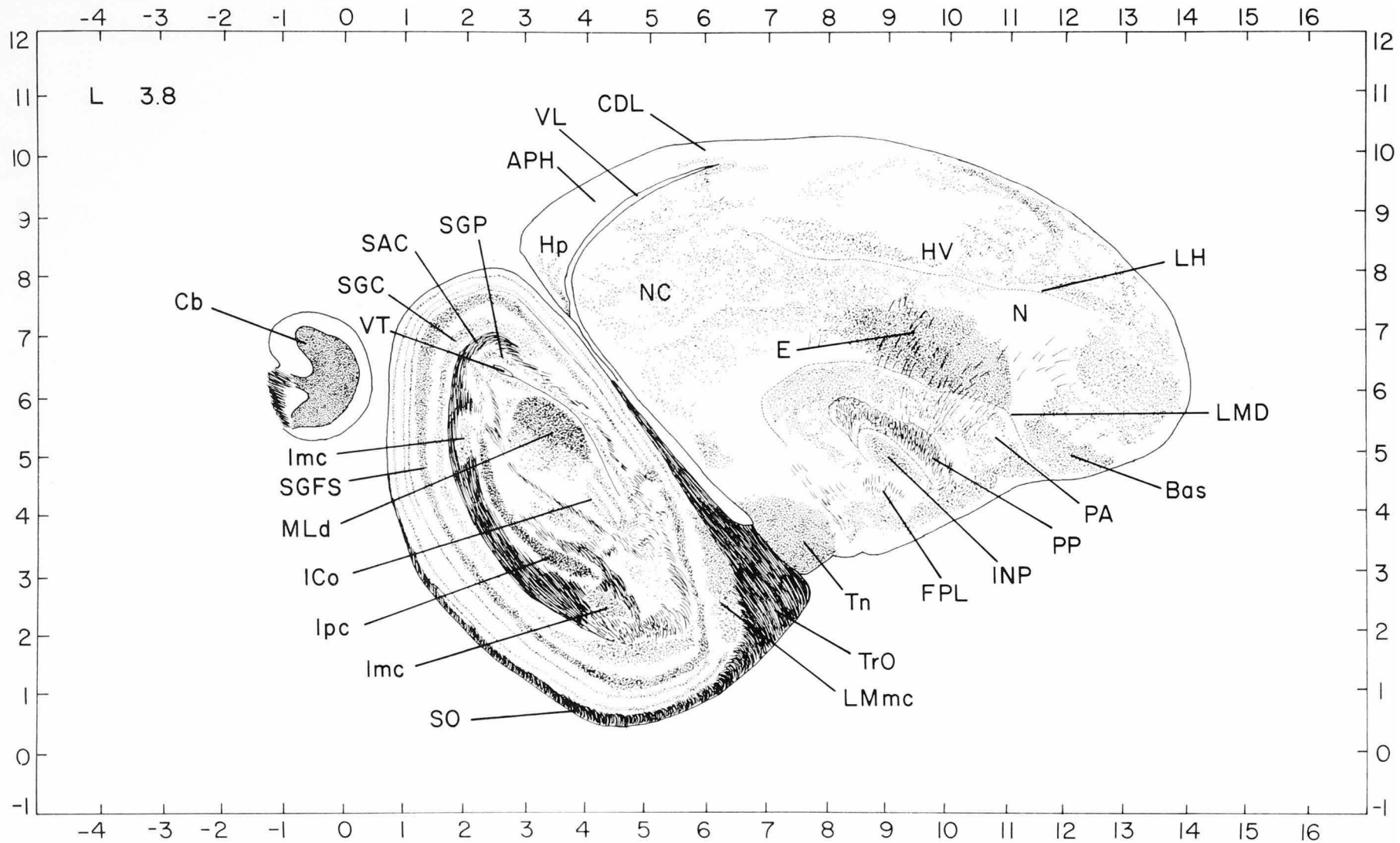
OM Tractus occipitomesencephalicus
 PA Paleostriatum augmentatum (Caudate putamen)
 PP Paleostriatum primitivum (Globus pallidus)
 SAC Stratum album centrale
 SGC Stratum griseum centrale
 SGFS Stratum griseum et fibrosum superficiale
 SGP Stratum griseum periventriculare
 SO Stratum opticum
 VL Ventriculus lateralis
 VT Ventriculus tecti mesencephali



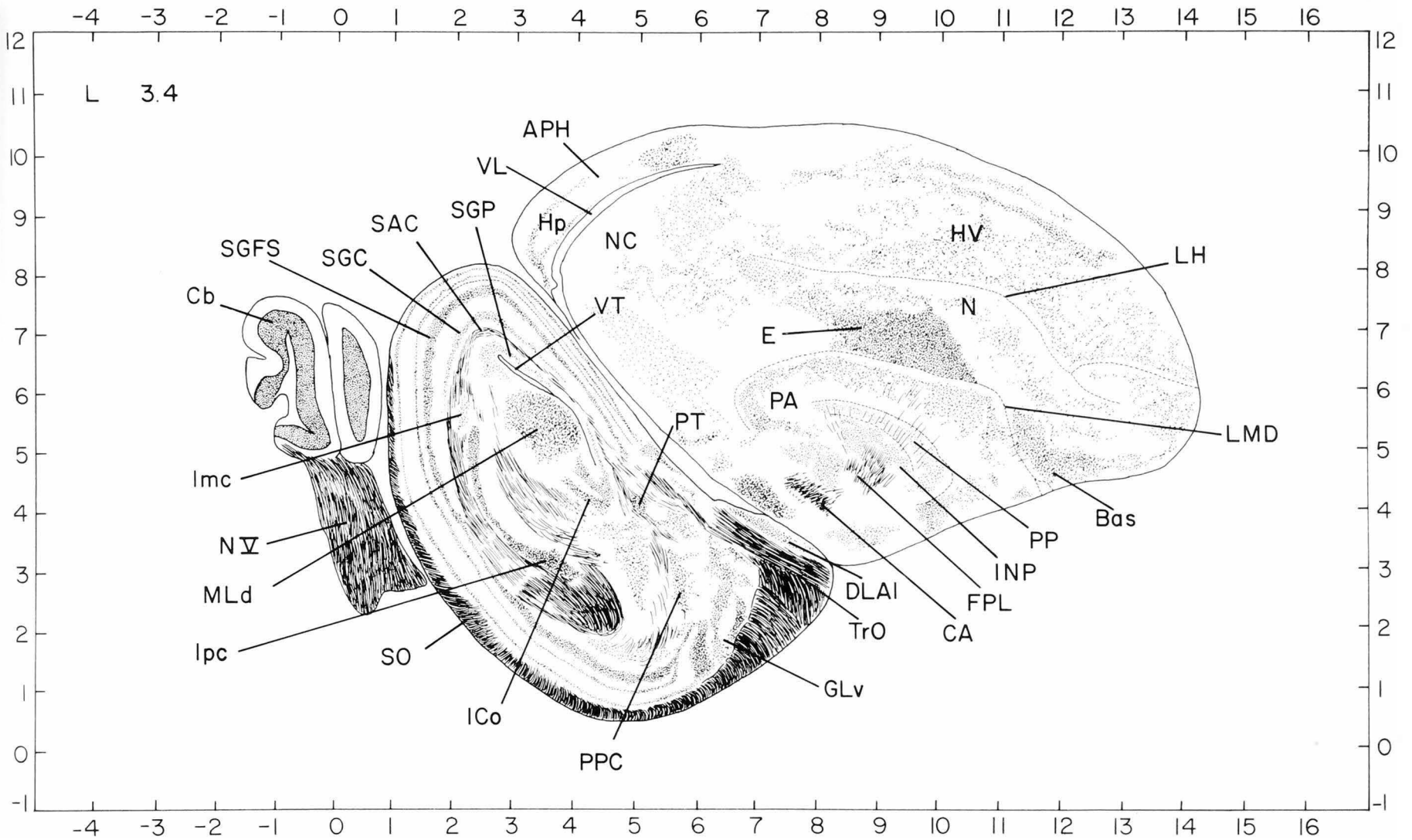
- | | | | |
|-----|--|------|---|
| Alv | Archistriatum intermedium, pars ventralis (Zeier and Karten) | OM | Tractus occipitomesencephalicus |
| CDL | Area corticoidea dorsolateralis | PA | Paleostriatum augmentatum (Caudate putamen) |
| E | Ectostriatum | PP | Paleostriatum primitivum (Globus pallidus) |
| Hp | Hippocampus | SAC | Stratum album centrale |
| HV | Hyperstriatum ventrale | SGC | Stratum griseum centrale |
| lmc | Nucleus isthmi, pars magnocellularis | SGFS | Stratum griseum et fibrosum superficiale |
| lpc | Nucleus isthmi, pars parvocellularis | SGP | Stratum griseum periventriculare |
| LH | Lamina hyperstriatica | SO | Stratum opticum |
| LMD | Lamina medullaris dorsalis | Tn | Nucleus taeniae |
| N | Neostriatum | VL | Ventriculus lateralis |
| NF | Neostriatum frontale | VT | Ventriculus tecti mesencephali |



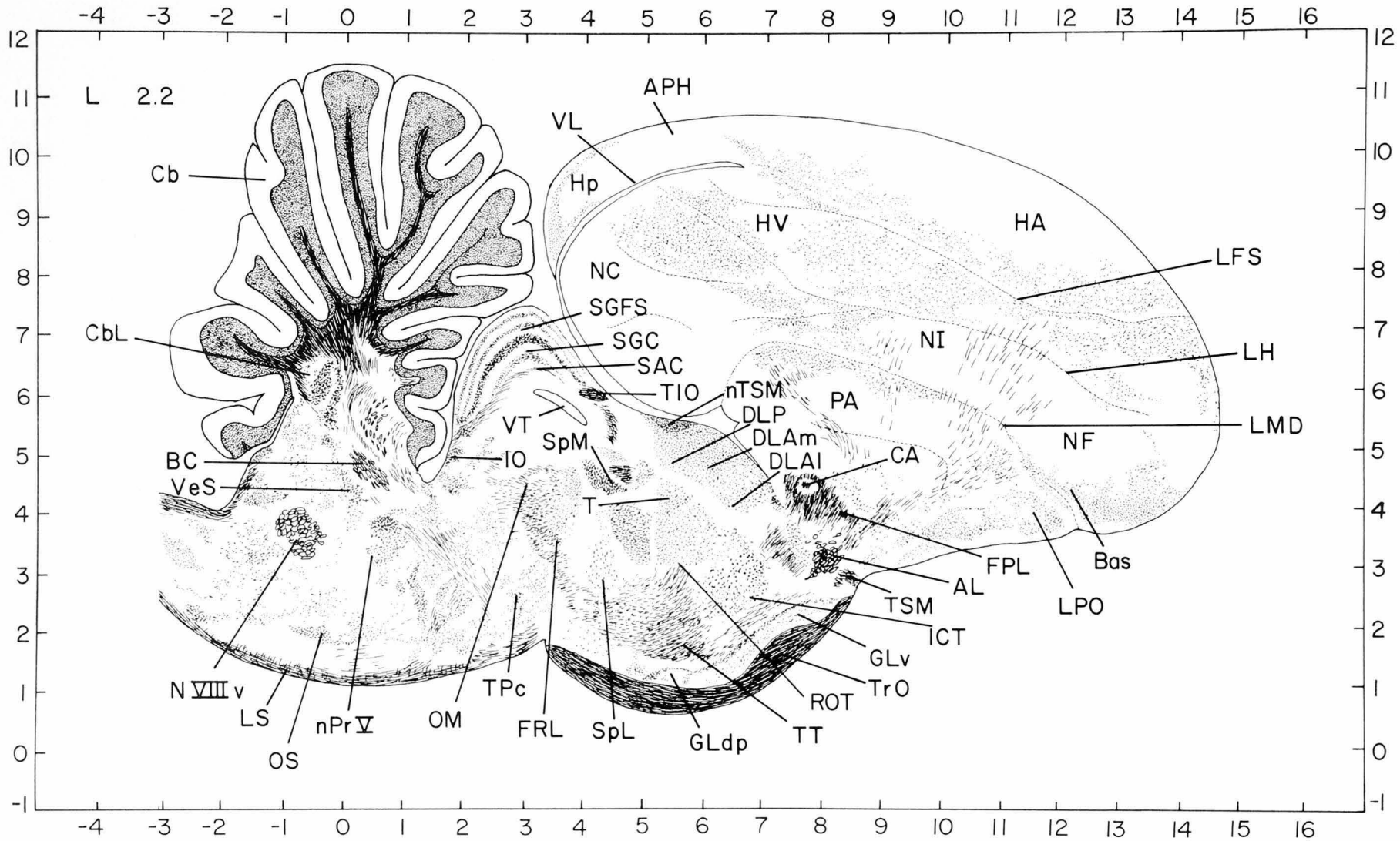
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|-----|--|------|---|
| Am | Archistriatum mediale (Zeier and Karten) | NC | Neostriatum caudale |
| CDL | Area corticoidea dorsolateralis | OM | Tractus occipitomesencephalicus |
| E | Ectostriatum | PA | Paleostriatum augmentatum (Caudate putamen) |
| Hp | Hippocampus | PP | Paleostriatum primitivum (Globus pallidus) |
| HV | Hyperstriatum ventrale | SAC | Stratum album centrale |
| ICo | Nucleus intercollicularis | SGC | Stratum griseum centrale |
| Imc | Nucleus isthmi, pars magnocellularis | SGFS | Stratum griseum et fibrosum superficiale |
| Ipc | Nucleus isthmi, pars parvocellularis | SGP | Stratum griseum periventriculare |
| LH | Lamina hyperstriatica | SO | Stratum opticum |
| LMD | Lamina medullaris dorsalis | Tn | Nucleus taeniae |
| MLd | Nucleus mesencephalicus lateralis, pars dorsalis | VL | Ventriculus lateralis |
| N | Neostriatum | VT | Ventriculus tecti mesencephali |



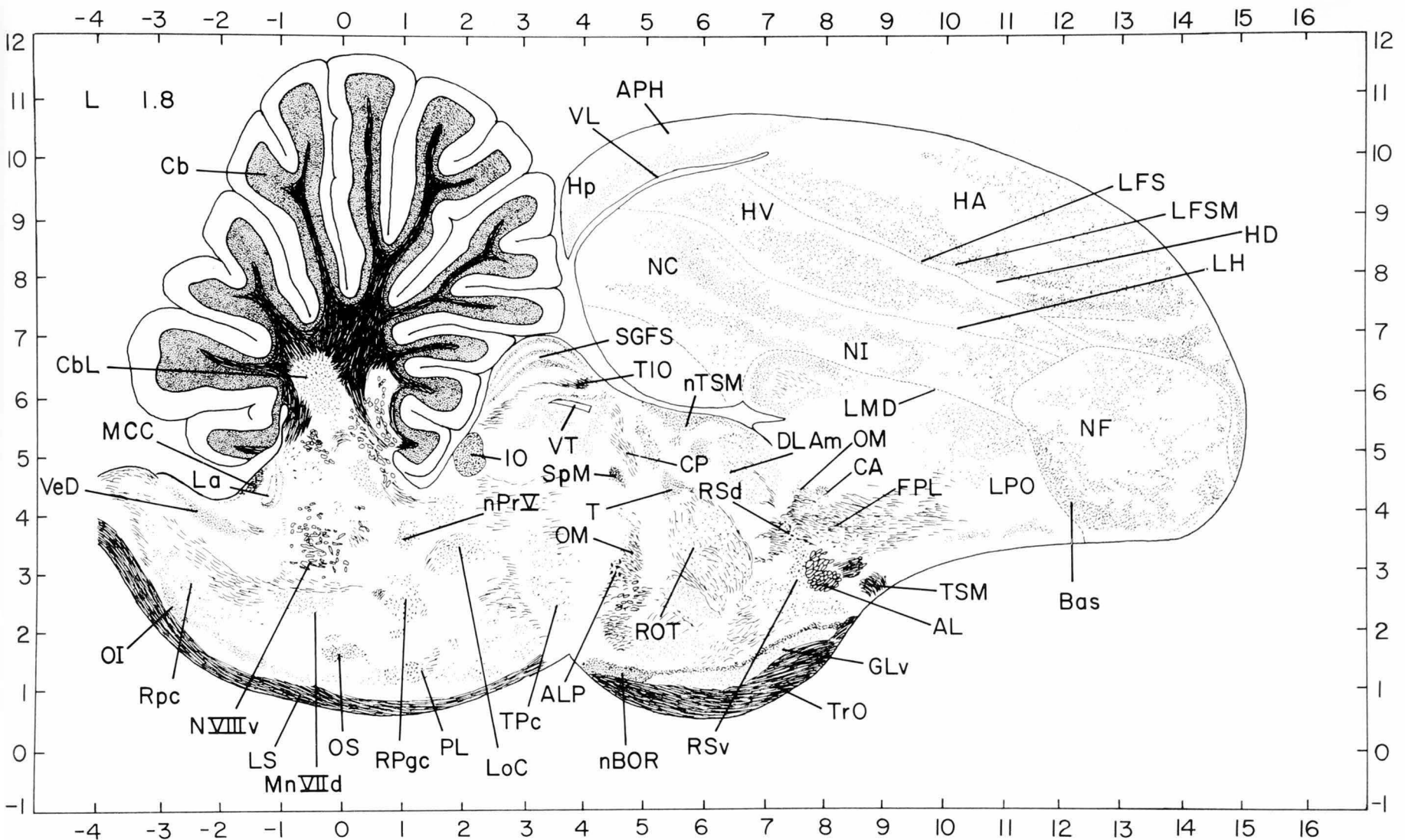
- | | | | |
|------|---|------|--|
| APH | Area parahippocampalis | MLd | Nucleus mesencephalicus lateralis, pars dorsalis |
| Bas | Nucleus basalis | N | Neostriatum |
| Cb | Cerebellum | NC | Neostriatum caudale |
| CDL | Area corticoidea dorsolateralis | PA | Paleostriatum augmentatum (Caudate putamen) |
| E | Ectostriatum | PP | Paleostriatum primitivum (Globus pallidus) |
| FPL | Fasciculus prosencephali lateralis (Lateral forebrain bundle) | SAC | Stratum album centrale |
| Hp | Hippocampus | SGC | Stratum griseum centrale |
| HV | Hyperstriatum ventrale | SGFS | Stratum griseum et fibrosum superficiale |
| ICo | Nucleus intercollicularis | SGP | Stratum griseum periventriculare |
| Imc | Nucleus isthmi, pars magnocellularis | SO | Stratum opticum |
| INP | Nucleus intrapeduncularis | Tn | Nucleus taeniae |
| Ipc | Nucleus isthmi, pars parvocellularis | TrO | Tractus opticus |
| LH | Lamina hyperstriatica | VL | Ventriculus lateralis |
| LMD | Lamina medullaris dorsalis | VT | Ventriculus tecti mesencephali |
| LMmc | Nucleus lentiformis mesencephali, pars magnocellularis | | |



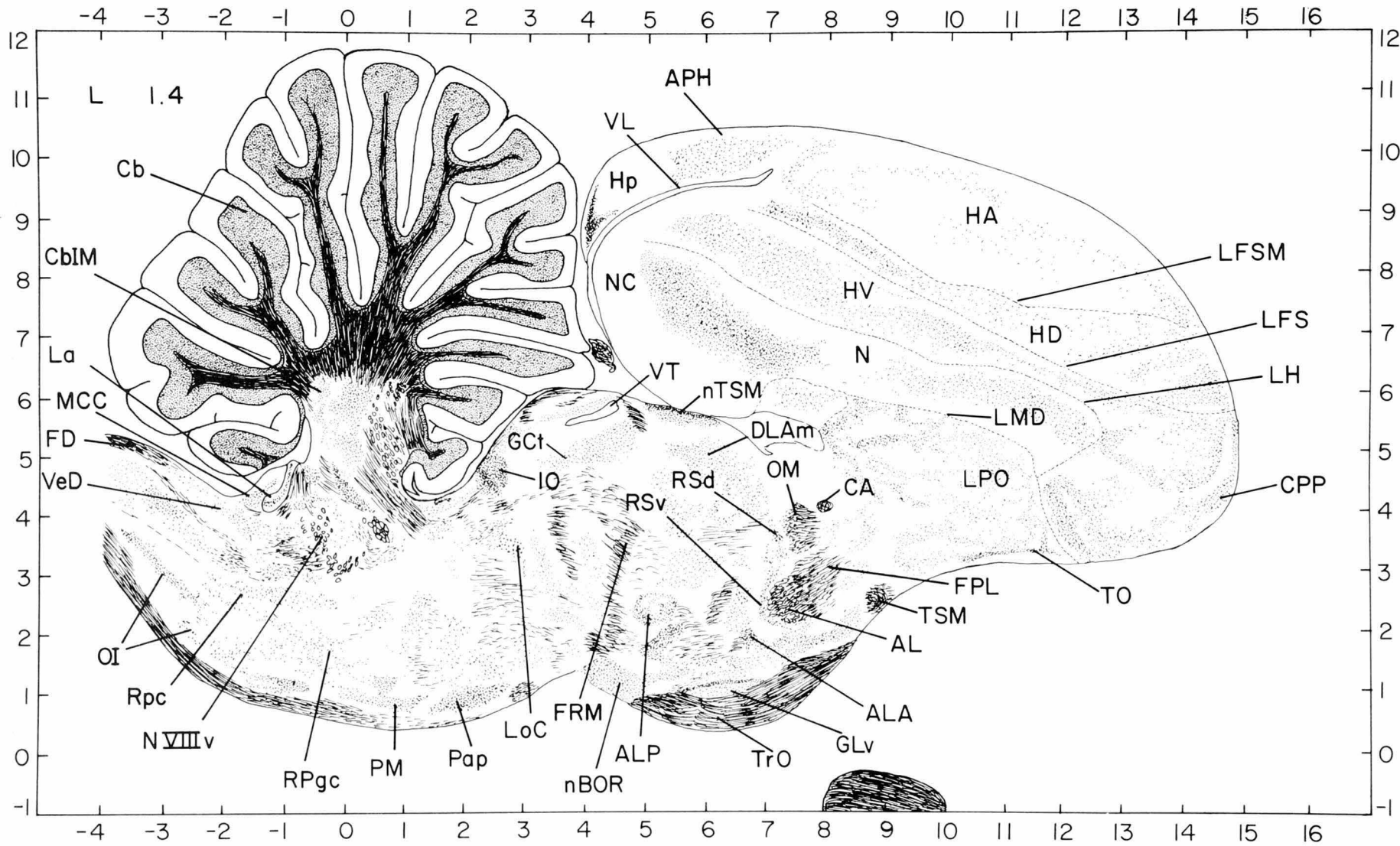
- | | | | | | |
|------|---|-----|--|------|---|
| APH | Area parahippocampalis | HP | Hippocampus | PA | Paleostriatum augmentatum (Caudate putamen) |
| Bas | Nucleus basalis | HV | Hyperstriatum ventrale | PP | Paleostriatum primitivum (Globus pallidus) |
| CA | Commissura anterior [rostralis] (Anterior commissure) | ICo | Nucleus intercollicularis | PT | Nucleus pretektalis |
| Cb | Cerebellum | Imc | Nucleus isthmi, pars magnocellularis | SAC | Stratum album centrale |
| DLAI | Nucleus dorsolateralis anterior [rostralis] thalami, pars lateralis | INP | Nucleus intrapeduncularis | SGC | Stratum griseum centrale |
| E | Ectostriatum | Ipc | Nucleus isthmi, pars parvocellularis | SGFS | Stratum griseum et fibrosum superficiale |
| FPL | Fasciculus prosencephali lateralis (Lateral forebrain bundle) | LH | Lamina hyperstriatica | SGP | Stratum griseum periventriculare |
| GLv | Nucleus geniculatus lateralis, pars ventralis | LMD | Lamina medullaris dorsalis | SO | Stratum opticum |
| | | MLd | Nucleus mesencephalicus lateralis, pars dorsalis | TrO | Tractus opticus |
| | | NV | Nervus trigeminus | VL | Ventriculus lateralis |
| | | N | Neostriatum | VT | Ventriculus tecti mesencephali |
| | | NC | Neostriatum caudale | | |



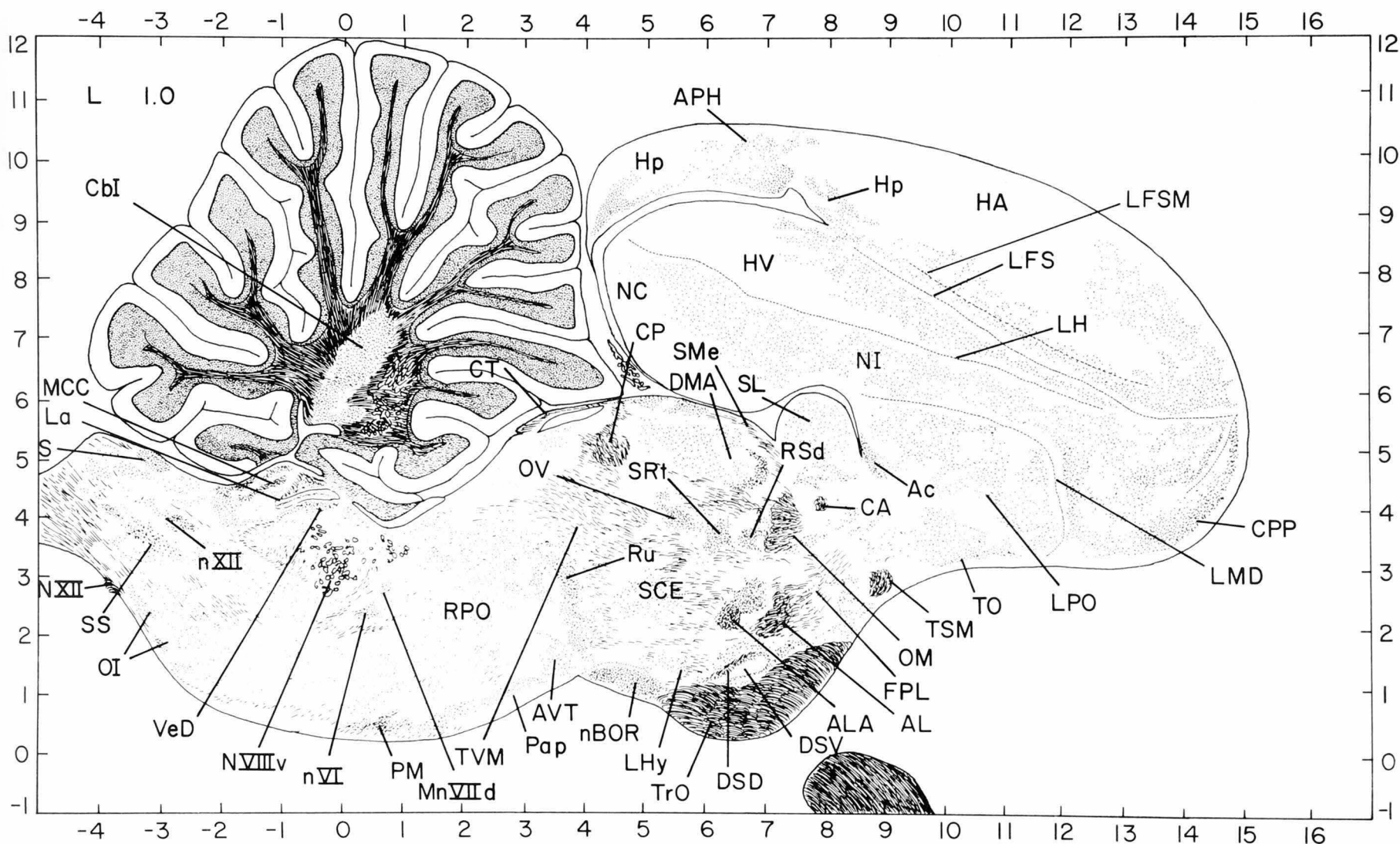
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|------|---|----------|--|------|---|
| AL | Ansa lenticularis | ICT | Nucleus intercalatus thalami | PA | Paleostriatum augmentatum (Caudate putamen) |
| APH | Area parahippocampalis | IO | Nucleus isthmo-opticus | ROT | Nucleus rotundus |
| Bas | Nucleus basalis | FPL | Fasciculus prosencephali lateralis (Lateral forebrain bundle) | SAC | Stratum album centrale |
| BC | Brachium conjunctivum | LFS | Lamina frontalis superior | SGC | Stratum griseum centrale |
| Cb | Cerebellum | LH | Lamina hyperstriatica | SGFS | Stratum griseum et fibrosum superficiale |
| CbL | Nucleus cerebellaris lateralis | LMD | Lamina medullaris dorsalis | Spl | Nucleus spiriformis lateralis |
| DLAI | Nucleus dorsolateralis anterior [rostralis] thalami, pars lateralis | LPO | Lobus parolfactorius | SpM | Nucleus spiriformis medialis |
| DLAm | Nucleus dorsolateralis anterior [rostralis] thalami, pars medialis | LS | Lemniscus spinalis | T | Nucleus triangularis |
| DLP | Nucleus dorsolateralis posterior thalami | N VIII v | Nervus octavus, pars vestibularis | TIO | Tractus isthmo-opticus |
| FRL | Formatio reticularis lateralis mesencephali | NC | Neostriatum caudale | TPc | Nucleus tegmenti pedunculo-pontinus, pars compacta (Substantia nigra) |
| GLdp | Nucleus geniculatus lateralis, pars dorsalis principalis | NF | Neostriatum frontale | TrO | Tractus opticus |
| GLv | Nucleus geniculatus lateralis, pars ventralis | NI | Neostriatum intermedium | TSM | Tractus septomesencephalicus |
| HA | Hyperstriatum accessorium | nPr V | Nucleus sensorius principalis nervi trigemini | TT | Tractus tectothalamicus |
| Hp | Hippocampus | nTSM | Nucleus tractus septomesencephalicus (Nucleus superficialis parvocellularis) | VeS | Nucleus vestibularis superior |
| HV | Hyperstriatum ventrale | OM | Tractus occipitomesencephalicus | VL | Ventriculus lateralis |
| | | OS | Nucleus olivaris superior | VT | Ventriculus tecti mesencephali |



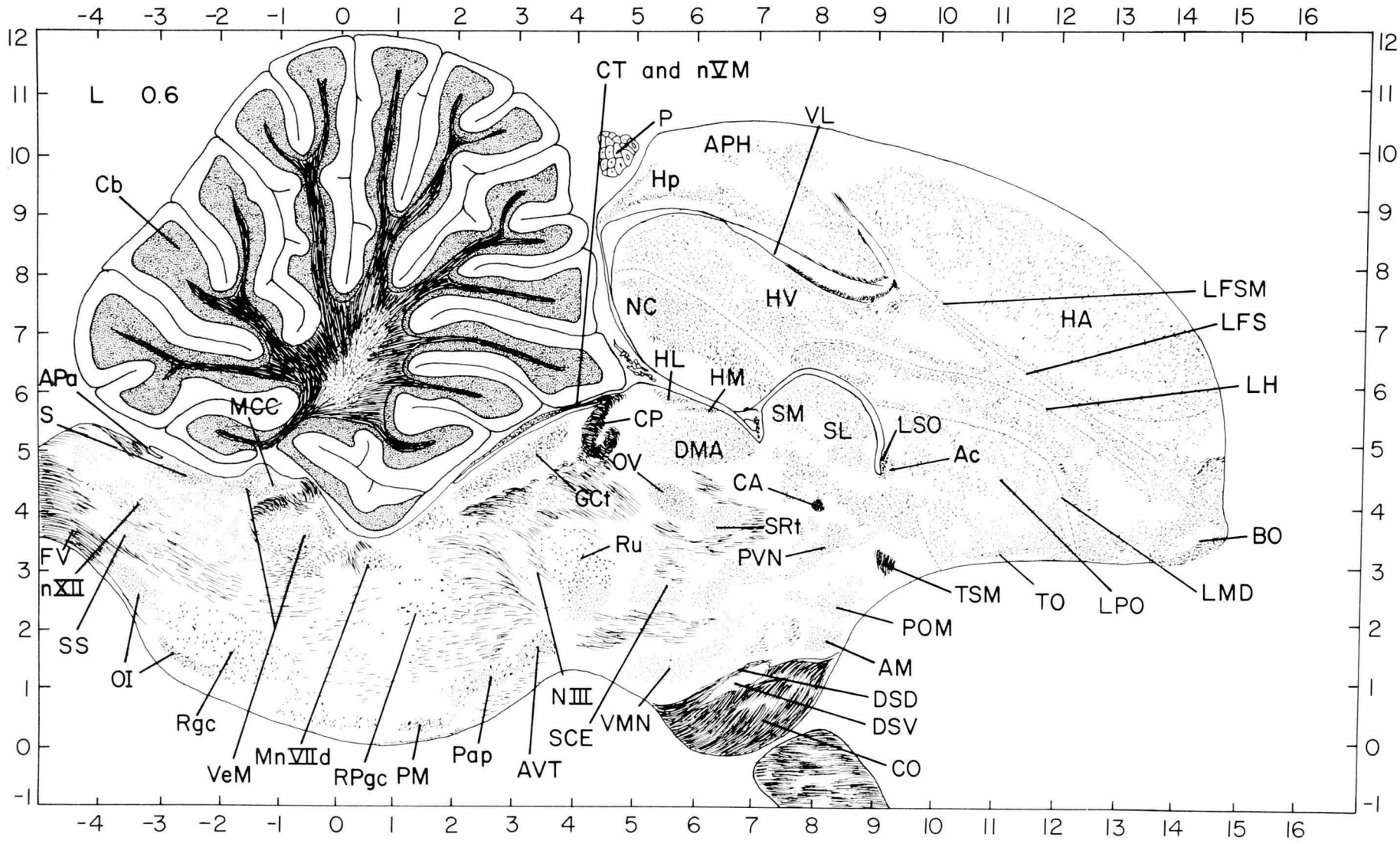
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|------|--|----------|---|------|---|
| AL | Ansa lenticularis | LFS | Lamina frontalis superior | OM | Tractus occipitomesencephalicus |
| ALP | Nucleus ansae lenticularis posterior [caudalis] | LFSM | Lamina frontalis suprema | OS | Nucleus olivaris superior |
| APH | Area parahippocampalis | LH | Lamina hyperstriatica | PL | Nucleus pontis lateralis |
| Bas | Nucleus basalis | LMD | Lamina medullaris dorsalis | ROT | Nucleus rotundus |
| CA | Commissura anterior [rostralis] (Anterior commissure) | LoC | Locus ceruleus | Rpc | Nucleus reticularis parvocellularis |
| Cb | Cerebellum | LPO | Lobus parolfactorius | RPgc | Nucleus reticularis pontis caudalis, pars gigantocellularis |
| CbL | Nucleus cerebellaris lateralis | LS | Lemniscus spinalis | RSd | Nucleus reticularis superior, pars dorsalis |
| CP | Commissura posterior [caudalis] (Posterior commissure) | MCC | Nucleus magnocellularis cochlearis | RSv | Nucleus reticularis superior, pars ventralis |
| DLAm | Nucleus dorsolateralis anterior [rostralis] thalami, pars medialis | Mn VII d | Nucleus motorius nervi facialis, pars dorsalis | SGFS | Stratum griseum et fibrosum superficiale |
| FPL | Fasciculus prosencephali lateralis (Lateral forebrain bundle) | N VIII v | Nervus octavus, pars vestibularis | SpM | Nucleus spiriformis medialis |
| GLv | Nucleus geniculatus lateralis, pars ventralis | nBOR | Nucleus opticus basalis; nucleus ectomamillaris (Nucleus of the basal optic root) | T | Nucleus triangularis |
| HA | Hyperstriatum accessorium | NC | Neostriatum caudale | TIO | Tractus isthmo-opticus |
| HD | Hyperstriatum dorsale | NF | Neostriatum frontale | TPc | Nucleus tegmenti pedunculo-pontinus, pars compacta (Substantia nigra) |
| Hp | Hippocampus | NI | Neostriatum intermedium | TrO | Tractus opticus |
| HV | Hyperstriatum ventrale | nPr V | Nucleus sensorius principalis nervi trigemini | TSM | Tractus septomesencephalicus |
| IO | Nucleus isthmo-opticus | nTSM | Nucleus tractus septomesencephalicus; nucleus superficialis parvocellularis | VeD | Nucleus vestibularis descendens |
| La | Nucleus laminaris | OI | Nucleus olivaris inferior | VL | Ventriculus lateralis |
| | | | | VT | Ventriculus tecti mesencephali |



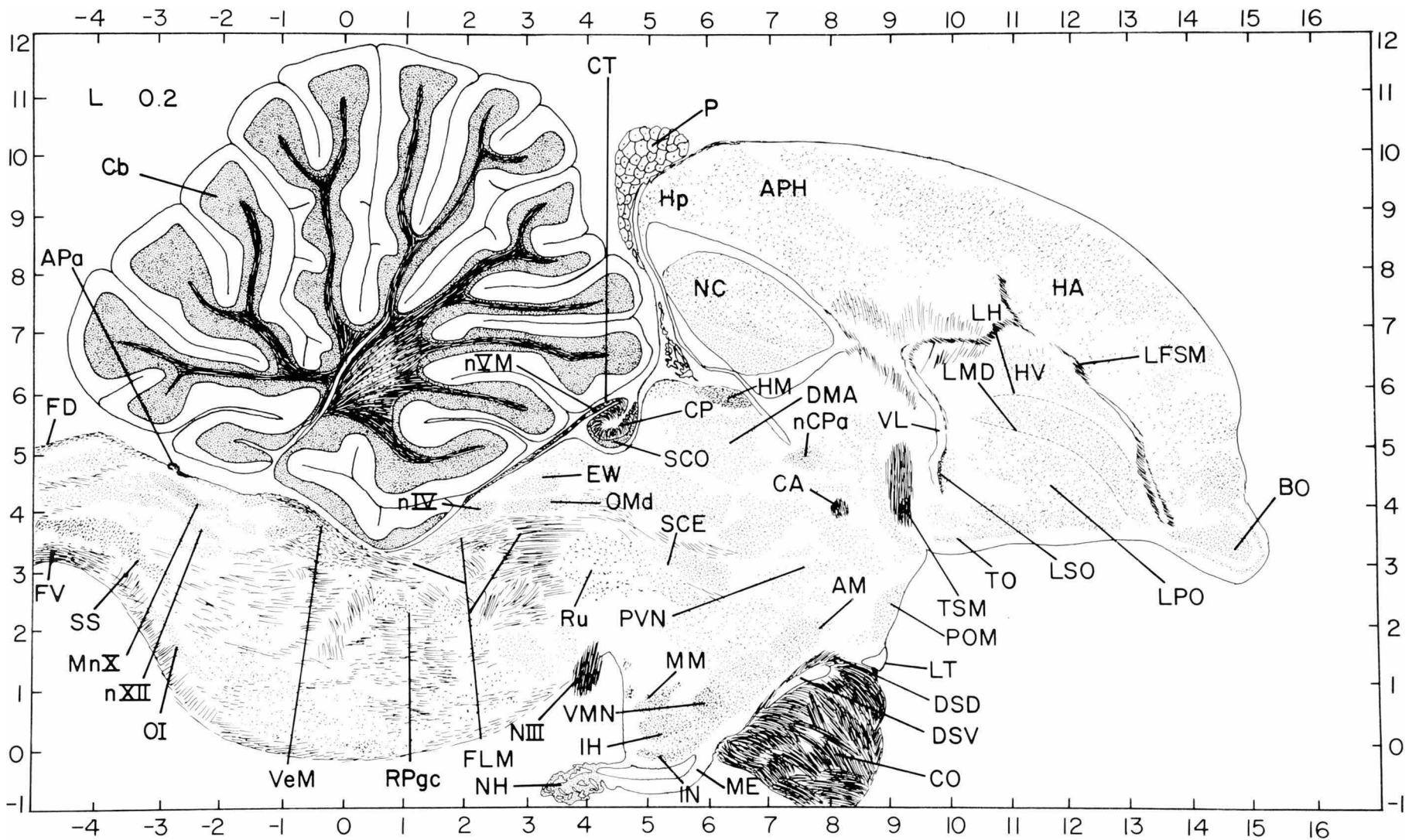
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|------|--|------|---|----------|---|
| AL | Ansa lenticularis | HA | Hyperstriatum accessorium | nTSM | Nucleus tractus septomesencephalicus; nucleus superficialis parvocellularis |
| ALA | Nucleus ansae lenticularis anterior [rostralis] | HD | Hyperstriatum dorsale | N VIII v | Nervus octavus, pars vestibularis |
| ALP | Nucleus ansae lenticularis posterior [caudalis] | Hp | Hippocampus | OI | Nucleus olivaris inferior |
| APH | Area parahippocampalis | HV | Hyperstriatum ventrale | OM | Tractus occipitomesencephalicus |
| CA | Commissura anterior [rostralis] (Anterior commissure) | IO | Nucleus isthmo-opticus | Pap | Nucleus papillioformis |
| Cb | Cerebellum | La | Nucleus laminaris | PM | Nucleus pontis medialis |
| CbIM | Nucleus cerebellaris intermedius | LFS | Lamina frontalis superior | Rpc | Nucleus reticularis parvocellularis |
| CPP | Cortex prepiriformis | LFSM | Lamina frontalis suprema | RPgc | Nucleus reticularis pontis caudalis, pars gigantocellularis |
| DLAm | Nucleus dorsolateralis anterior [rostralis] thalami, pars medialis | LMD | Lamina medullaris dorsalis | RSd | Nucleus reticularis superior, pars dorsalis |
| FD | Funiculus dorsalis | LoC | Locus ceruleus | RSv | Nucleus reticularis superior, pars ventralis |
| FPL | Fasciculus prosencephali lateralis (Lateral forebrain bundle) | LPO | Lobus parolfactorius | TO | Tuberculum olfactorium |
| FRM | Formatio reticularis medialis mesencephali | MCC | Nucleus magnocellularis cochlearis | TrO | Tractus opticus |
| GCT | Substantia grisea centralis | nBOR | Nucleus opticus basalis; nucleus ectomamillaris (Nucleus of the basal optic root) | TSM | Tractus septomesencephalicus |
| GLv | Nucleus geniculatus lateralis, pars ventralis | NC | Neostriatum caudale | VeD | Nucleus vestibularis descendens |
| | | NI | Neostriatum intermedium | VL | Ventriculus lateralis |
| | | | | VT | Ventriculus tecti mesencephali |



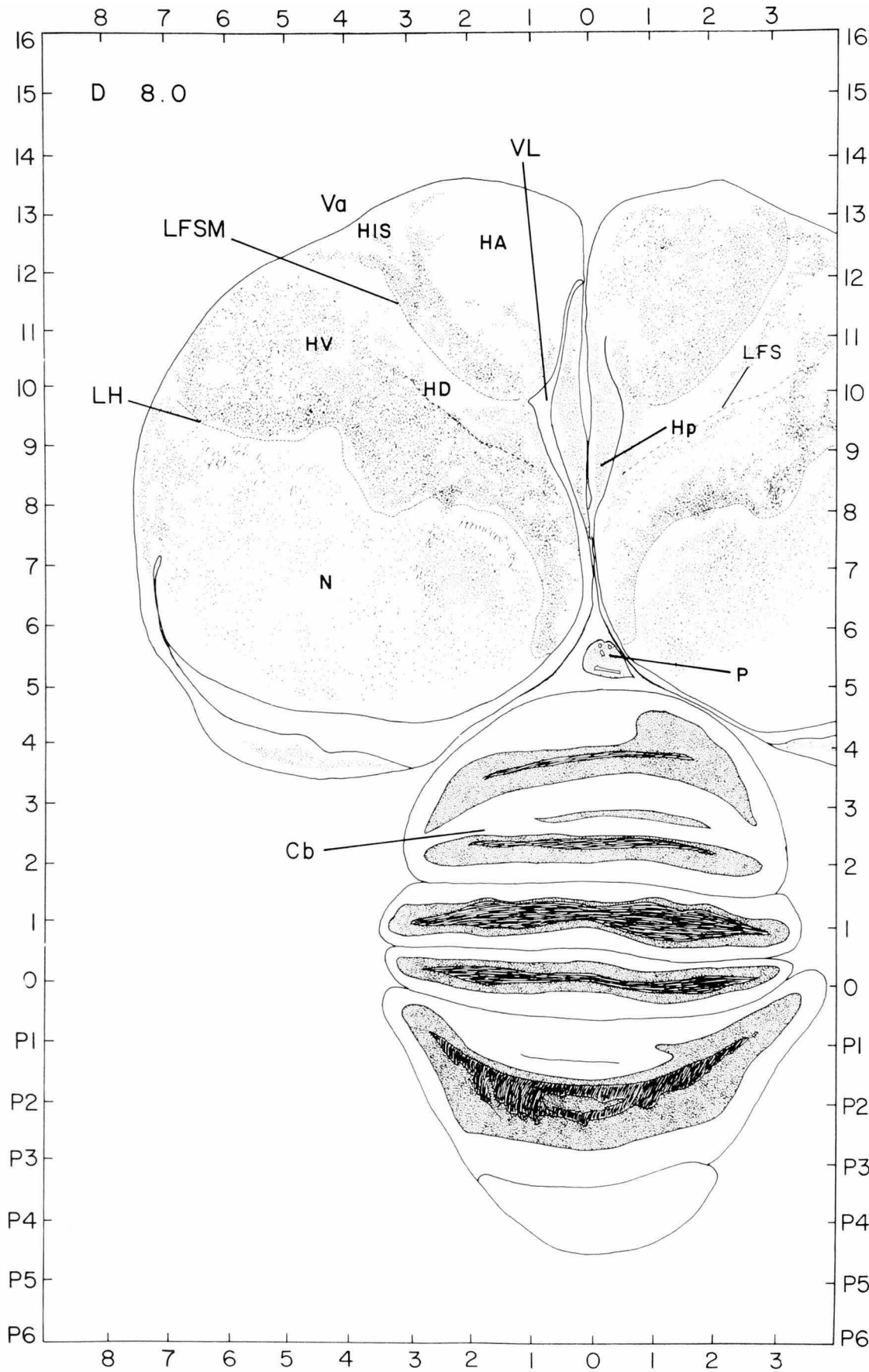
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|-----|---|----------|---|-----|---|
| Ac | Nucleus accumbens | La | Nucleus laminaris | OI | Nucleus olivaris inferior |
| AL | Ansa lenticularis | LFS | Lamina frontalis superior | OV | Nucleus ovoidalis |
| ALA | Nucleus ansae lenticularis anterior [rostralis] | LFSM | Lamina frontalis suprema | Pap | Nucleus papillioformis |
| APH | Area parahippocampalis | LH | Lamina hyperstriatica | PM | Nucleus pontis medialis |
| AVT | Area ventralis (Tsai) | LHy | Regio lateralis hypothalami (Lateral hypothalamic area) | RPO | Nucleus reticularis pontis oralis |
| CA | Commissura anterior [rostralis] (Anterior commissure) | LMD | Lamina medullaris dorsalis | RSd | Nucleus reticularis superior, pars dorsalis |
| Cbl | Nucleus cerebellaris internus | LPO | Lobus parolfactorius | Ru | Nucleus ruber |
| CP | Commissura posterior [caudalis] (Posterior commissure) | MCC | Nucleus magnocellularis cochlearis | S | Nucleus tractus solitarii |
| CPP | Cortex prepiriformis | Mn VII d | Nucleus motorius nervi facialis, pars dorsalis | SCE | Stratum cellulare externum |
| CT | Commissura tectalis | nBOR | Nucleus opticus basalis; nucleus ectomamillaris (Nucleus of the basal optic root) | SL | Nucleus septalis lateralis |
| DMA | Nucleus dorsomedialis anterior thalami | NC | Neostriatum caudale | SMe | Stria medullaris |
| DSD | Decussatio supraoptica dorsalis | NI | Neostriatum intermedium | SRt | Nucleus subrotundus |
| DSV | Decussatio supraoptica ventralis | n VI | Nucleus nervi abducentis | SS | Nucleus supraspinalis |
| FPL | Fasciculus prosencephali lateralis (Lateral forebrain bundle) | N XII | Nervus hypoglossus | TO | Tuberculum olfactorium |
| HA | Hyperstriatum accessorium | N VIII v | Nervus octavus, pars vestibularis | TrO | Tractus opticus |
| Hp | Hippocampus | n XII | Nucleus nervi hypoglossi | TSM | Tractus septomesencephalicus |
| HV | Hyperstriatum ventrale | OM | Tractus occipitomesencephalicus | TVM | Tractus vestibulomesencephalicus (Papez) |
| | | | | VeD | Nucleus vestibularis descendens |
| | | | | VL | Ventriculus lateralis |



- | | | | | | |
|-----|--|----------|--|------|---|
| Ac | Nucleus accumbens | HA | Hyperstriatum accessorium | Pap | Nucleus papilliformis |
| AM | Nucleus anterior [rostralis] medialis hypothalami | HL | Nucleus habenularis lateralis | PM | Nucleus pontis medialis |
| APa | Area postrema | HM | Nucleus habenularis medialis | POM | Nucleus preopticus medialis |
| APH | Area parahippocampalis | Hp | Hippocampus | PVN | Nucleus paraventricularis magnocellularis (Paraventricular nucleus) |
| AVT | Area ventralis (Tsai) | HV | Hyperstriatum ventrale | Rgc | Nucleus reticularis gigantocellularis |
| BO | Bulbus olfactorius | LFS | Lamina frontalis superior | RPgc | Nucleus reticularis pontis caudalis, pars gigantocellularis |
| CA | Commissura anterior [rostralis] (Anterior commissure) | LFSM | Lamina frontalis suprema | Ru | Nucleus ruber |
| Cb | Cerebellum | LH | Lamina hyperstriatica | S | Nucleus tractus solitarii |
| CO | Chiasma opticum | LMD | Lamina medullaris dorsalis | SCE | Stratum cellulare externum |
| CP | Commissura posterior [caudalis] (Posterior commissure) | LPO | Lobus parolfactorius | SL | Nucleus septalis lateralis |
| CT | Commissura tectalis | LSO | Organum septi laterale (Lateral septal organ) | SM | Nucleus septalis medialis |
| DMA | Nucleus dorsomedialis anterior [rostralis] thalami | MCC | Nucleus magnocellularis cochlearis | SRT | Nucleus subrotundus |
| DSD | Decussatio supraoptica dorsalis | Mn VII d | Nucleus motorius nervi facialis, pars dorsalis | TO | Tuberculum olfactorium |
| DSV | Decussatio supraoptica ventralis | NC | Neostriatum caudale | TSM | Tractus septomesencephalicus |
| FV | Funiculus ventralis | N III | Nervus oculomotorius | VeM | Nucleus vestibularis medialis |
| GCt | Substantia grisea centralis | n VM | Nucleus mesencephalicus nervi trigemini | VL | Ventriculus lateralis |
| | | n XII | Nucleus nervi hypoglossi | VMN | Nucleus ventromedialis hypothalami |
| | | OI | Nucleus olivaris interior | | |
| | | OV | Nucleus ovoidalis | | |
| | | P | Glandula pinealis (Pineal gland) | | |

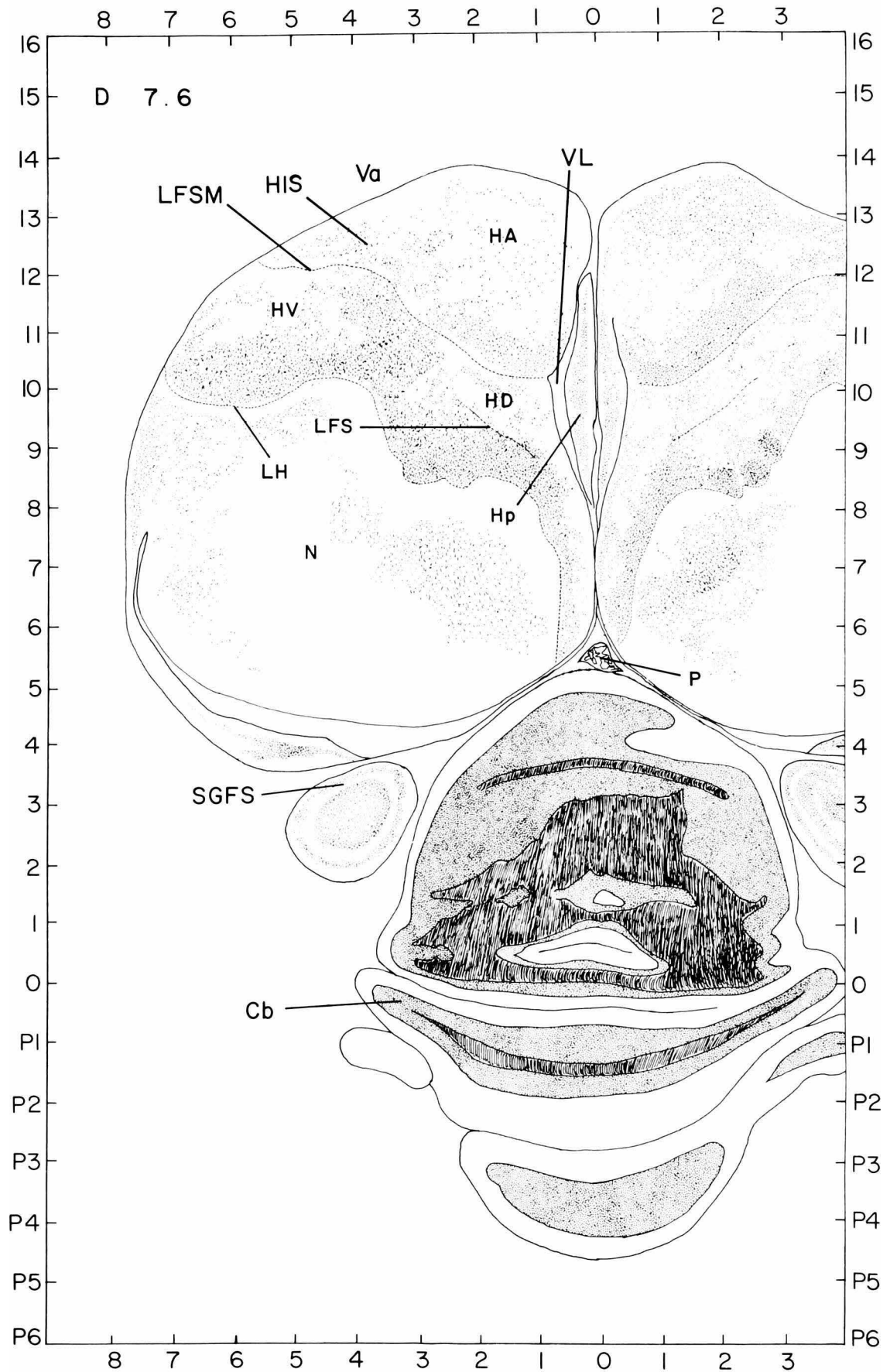


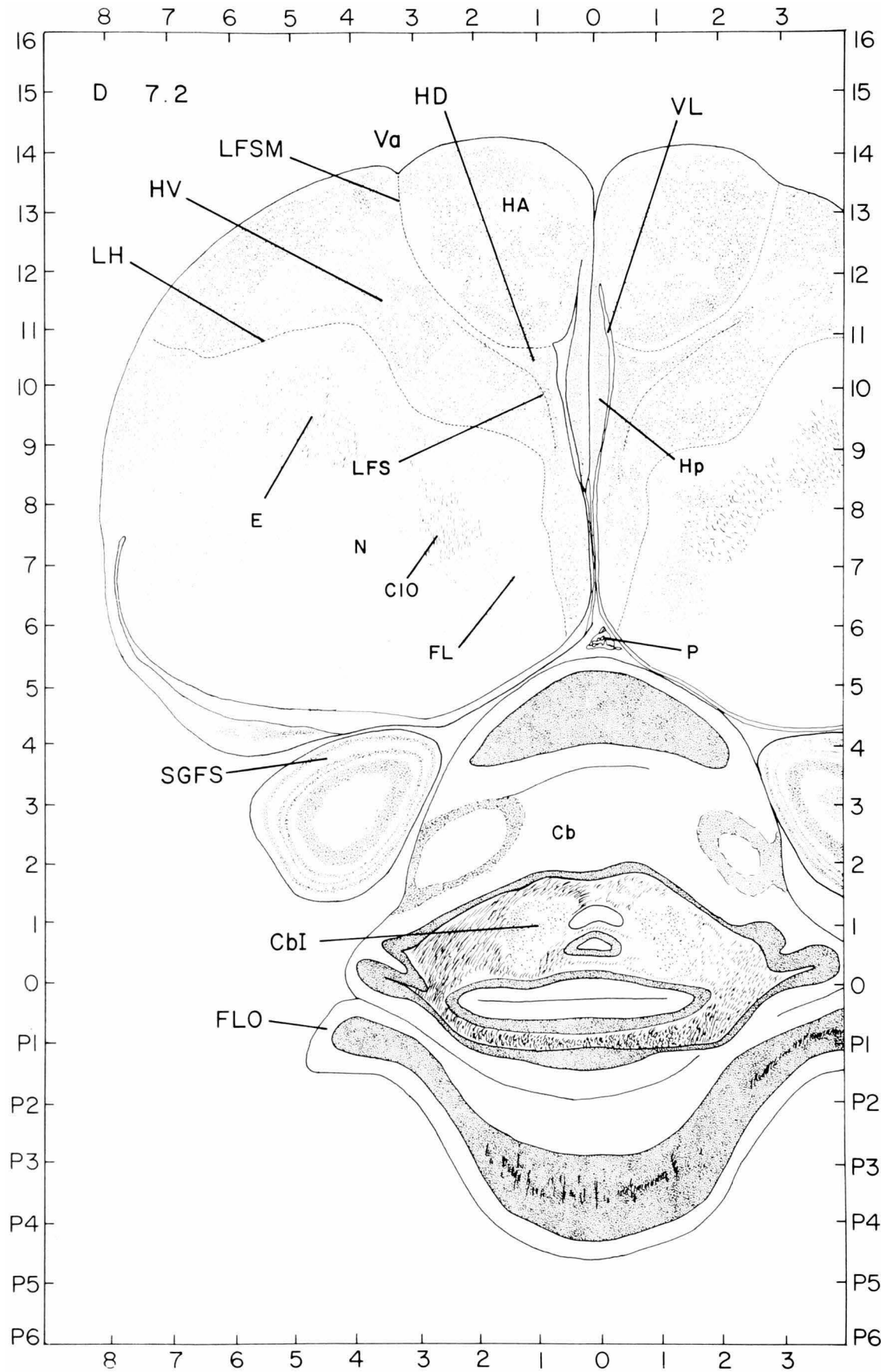
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|-----|--|-------|---|-------|---|
| AM | Nucleus anterior [rostralis] medialis hypothalami | HA | Hyperstriatum accessorium | N III | Nervus oculomotorius |
| APa | Area postrema | HM | Nucleus habenularis medialis | n IV | Nucleus nervi trochlearis |
| APH | Area parahippocampalis | Hp | Hippocampus | n XII | Nucleus nervi hypoglossi |
| BO | Bulbus olfactorius | HV | Hyperstriatum ventrale | OI | Nucleus olivaris inferior |
| CA | Commissura anterior [rostralis] (Anterior commissure) | IH | Nucleus inferioris hypothalami | OMd | Nucleus nervi oculomotorii, pars dorsalis |
| Cb | Cerebellum | IN | Nucleus infundibuli hypothalami | P | Glandula pinealis (Pineal gland) |
| CO | Chiasma opticum | LFSM | Lamina frontalis suprema | POM | Nucleus preopticus medialis |
| CP | Commissura posterior [caudalis] (Posterior commissure) | LH | Lamina hyperstriatica | PVN | Nucleus paraventricularis magnocellularis (Paraventricular nucleus) |
| CT | Commissura tectalis | LMD | Lamina medullaris dorsalis | RPgc | Nucleus reticularis pontis caudalis, pars gigantocellularis |
| DMA | Nucleus dorsomedialis anterior [rostralis] thalami | LPO | Lobus parolfactorius | Ru | Nucleus ruber |
| DSD | Decussatio supraoptica dorsalis | LSO | Organum septi laterale (Lateral septal organ) | SCE | Stratum cellulare externum |
| DSV | Decussatio supraoptica ventralis | LT | Lamina terminalis | SCO | Organum subcommissurale (Subcommissural organ) |
| EW | Nucleus of Edinger-Westphal | ME | Eminentia mediana (Median eminence) | TO | Tuberculum olfactorium |
| FD | Funiculus dorsalis | MM | Nucleus mamillaris medialis | TSM | Tractus septomesencephalicus |
| FLM | Fasciculus longitudinalis medialis | Mn X | Nucleus motorius dorsalis nervi vagi | VL | Ventriculus lateralis |
| FV | Funiculus ventralis | n V M | Nucleus mesencephalicus nervi trigemini | VeM | Nucleus vestibularis medialis |
| | | NH | Neostriatum caudale | VMN | Nucleus ventromedialis hypothalami |
| | | | Nucleus commissurae pallii (Bed nucleus pallial commissure) | | |
| | | | NH | | |
| | | | Neurohypophysis | | |



- Cb Cerebellum
- HA Hyperstriatum accessorium
- HD Hyperstriatum dorsale
- HIS Hyperstriatum intercalatum supremum
- Hp Hippocampus
- HV Hyperstriatum ventrale
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- N Neostriatum
- P Glandula pinealis (Pineal gland)
- Va Vallicula telencephali
- VL Ventriculus lateralis

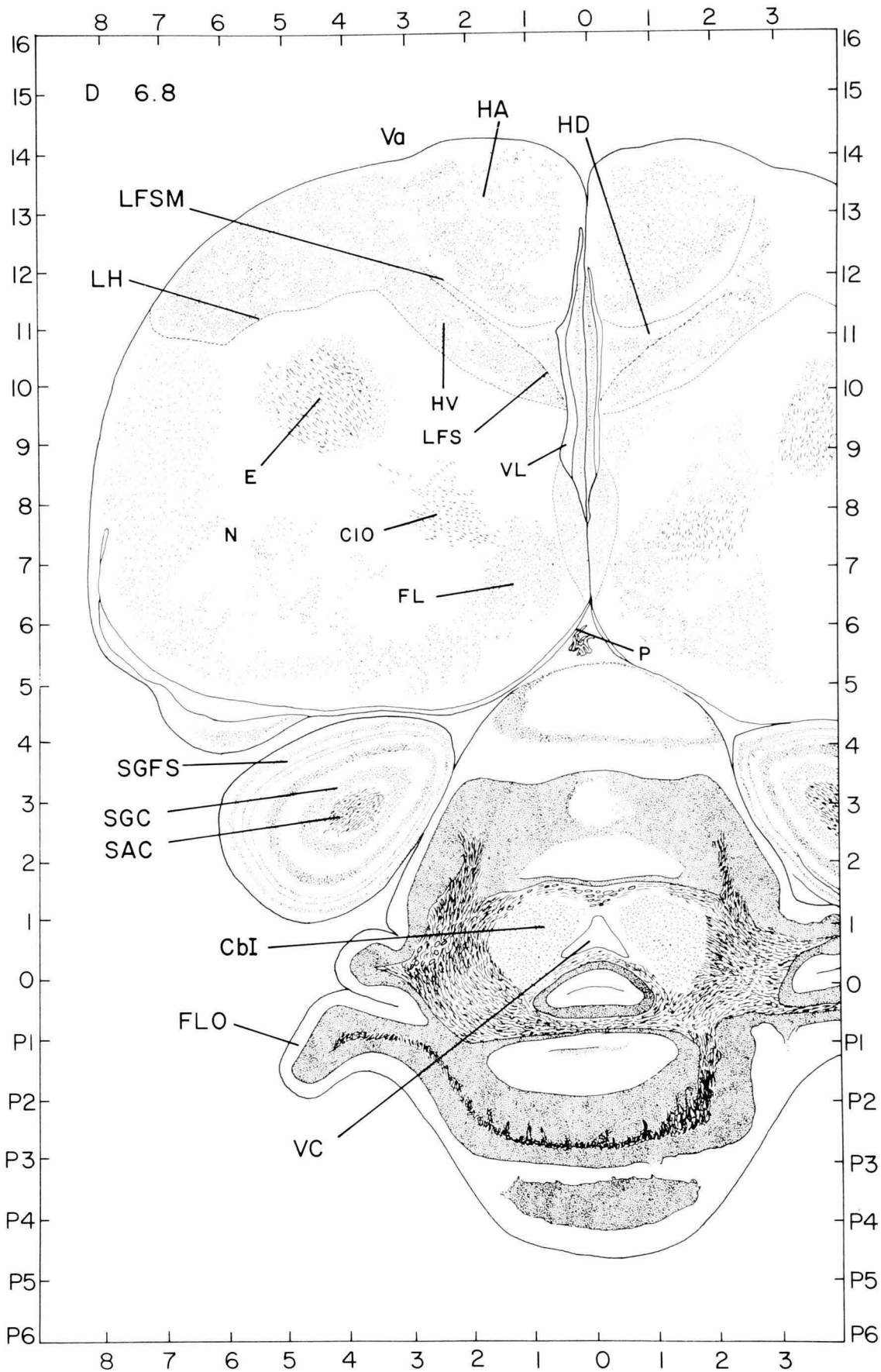
- Cb Cerebellum
- HA Hyperstriatum accessorium
- HD Hyperstriatum dorsale
- HIS Hyperstriatum intercalatum supremum
- Hp Hippocampus
- HV Hyperstriatum ventrale
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- N Neostriatum
- P Glandula pinealis (Pineal gland)
- SGFS Stratum griseum et fibrosum superficiale
- Va Vallecule telencephali
- VL Ventriculus lateralis

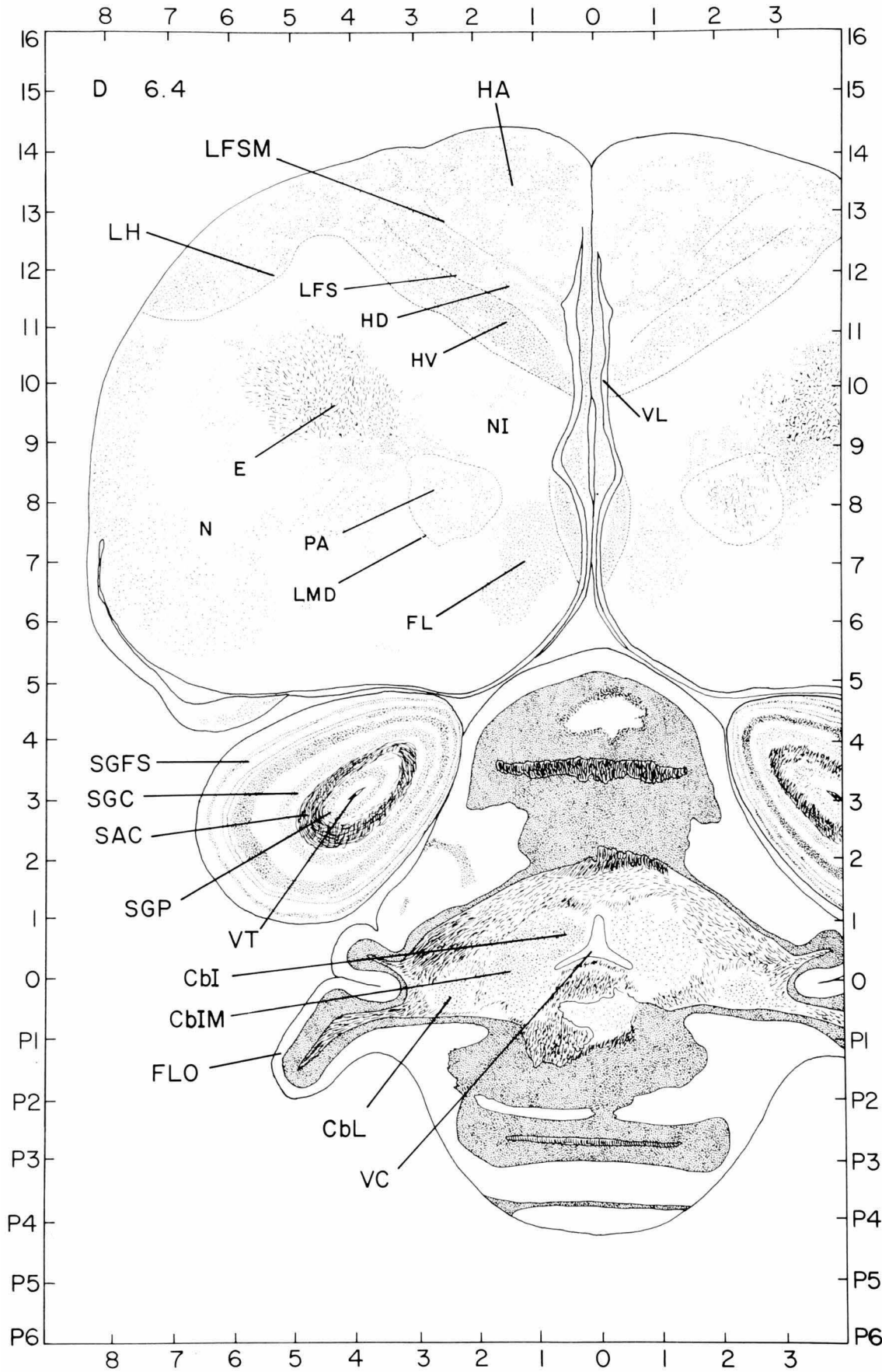




- Cb Cerebellum
- Cbl Nucleus cerebellaris internus
- CIO Capsula interna occipitalis
- E Ectostriatum
- FL Field L
- FLO Flocculus
- HA Hyperstriatum accessorium
- HD Hyperstriatum dorsale
- HV Hyperstriatum ventrale
- Hp Hippocampus
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- N Neostriatum
- P Glandula pinealis (Pineal gland)
- SGFS Stratum griseum et fibrosum superficiale
- Va Vallecule telencephali
- VL Ventriculus lateralis

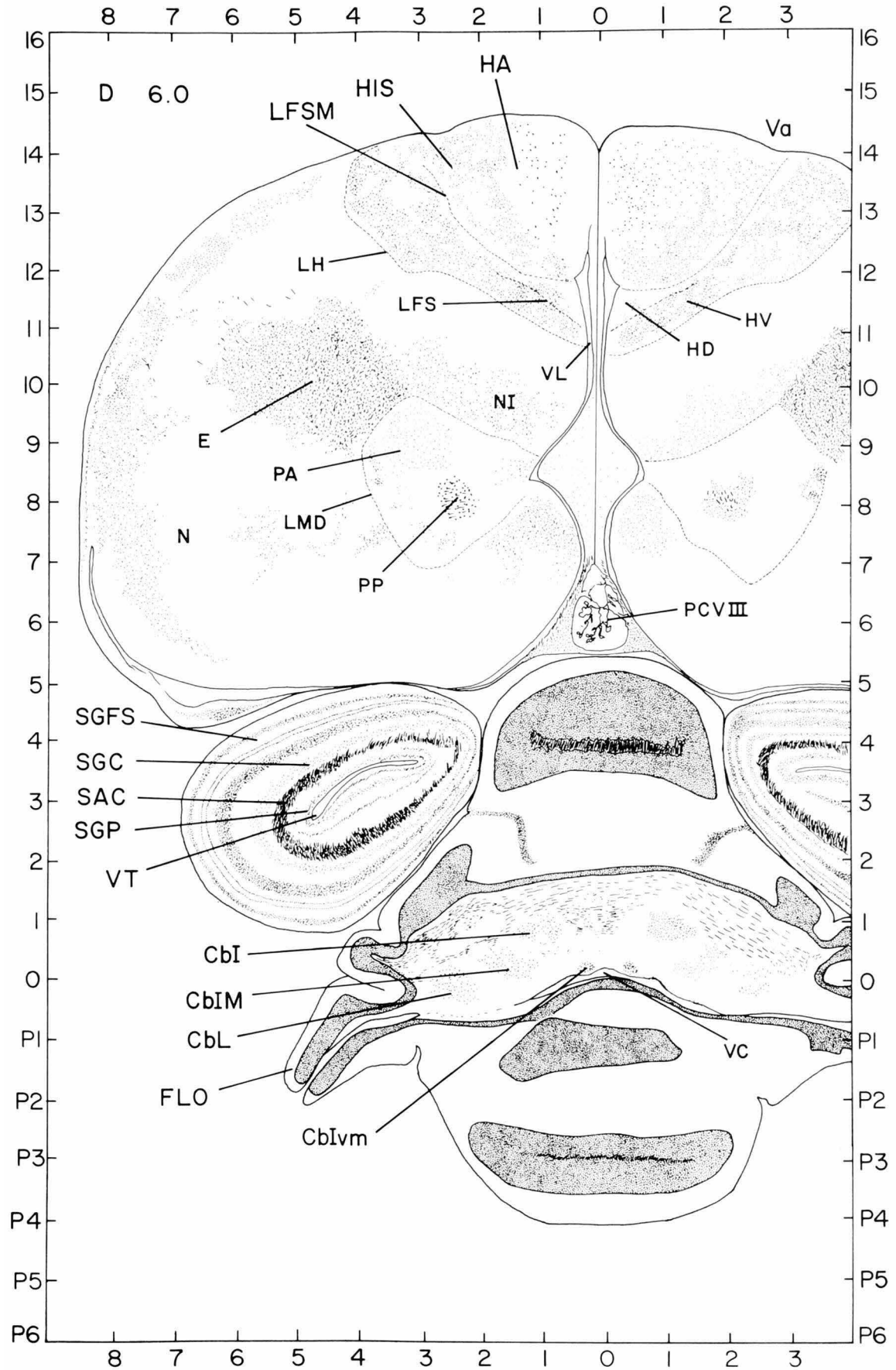
- CbI Nucleus cerebellaris internus
- CIO Capsula interna occipitalis
- E Ectoatrium
- FL Field L
- FLO Flocculus
- HA Hyperstriatum accessorium
- HD Hyperstriatum dorsale
- HV Hyperstriatum ventrale
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- N Neostriatum
- P Glandula pinealis (Pineal gland)
- SAC Stratum album centrale
- SGFS Stratum griseum et fibrosum superficiale
- Va Vallecule telencephali
- VC Ventriculus cerebelli
- VL Ventriculus lateralis

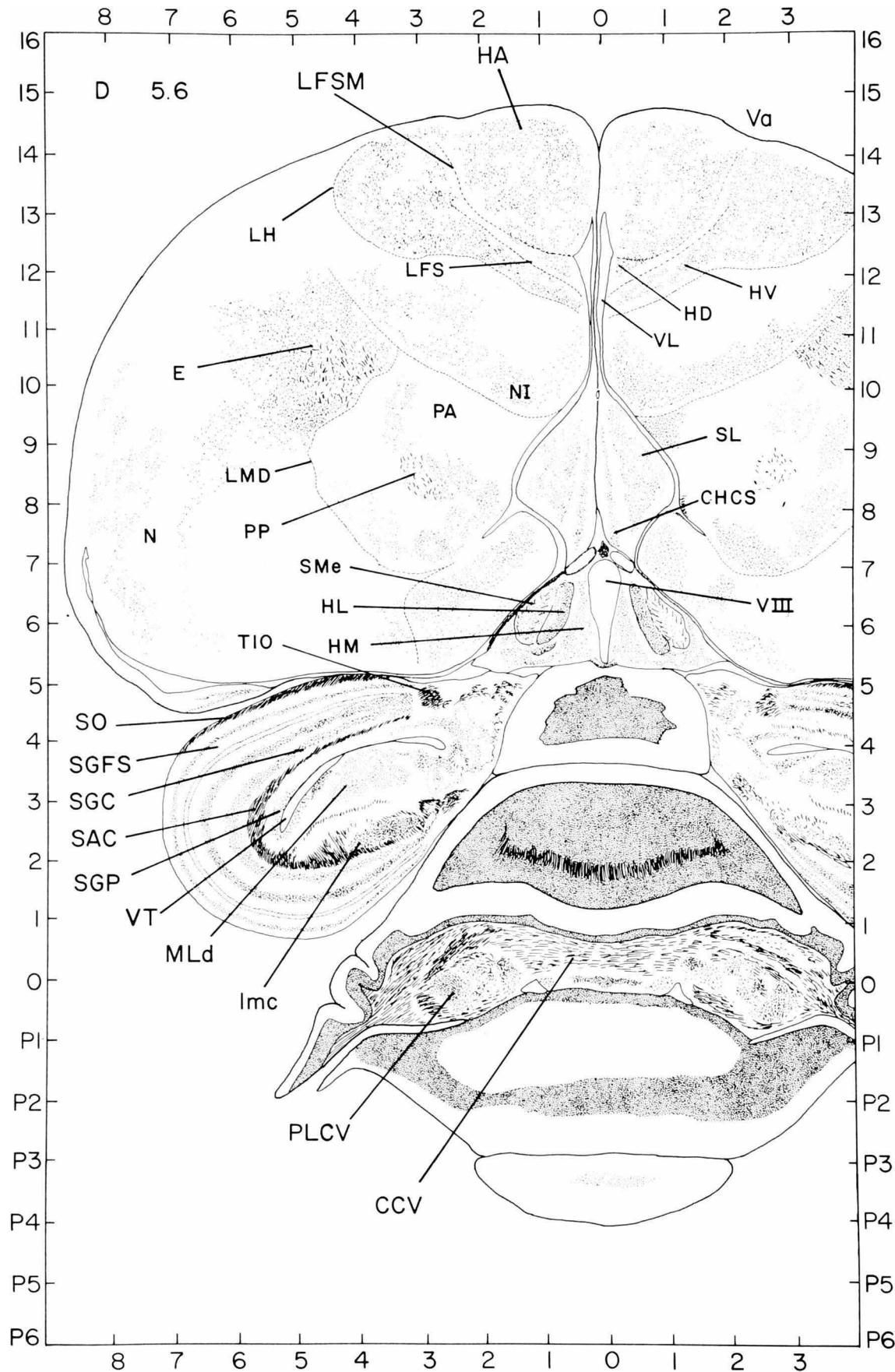




- CbI Nucleus cerebellaris internus
- CbL Nucleus cerebellaris lateralis
- CbIM Nucleus cerebellaris intermedius
- E Ectostriatum
- FL Field L
- FLO Flocculus
- HA Hyperstriatum accessorium
- HD Hyperstriatum dorsale
- HV Hyperstriatum ventrale
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- LMD Lamina medullaris dorsalis
- N Neostriatum
- NI Neostriatum intermedium
- PA Paleostriatum augmentatum (Caudate putamen)
- SAC Stratum album centrale
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SGP Stratum griseum periventriculare
- VC Ventriculus cerebelli
- VL Ventriculus lateralis
- VT Ventriculus tecti mesencephali

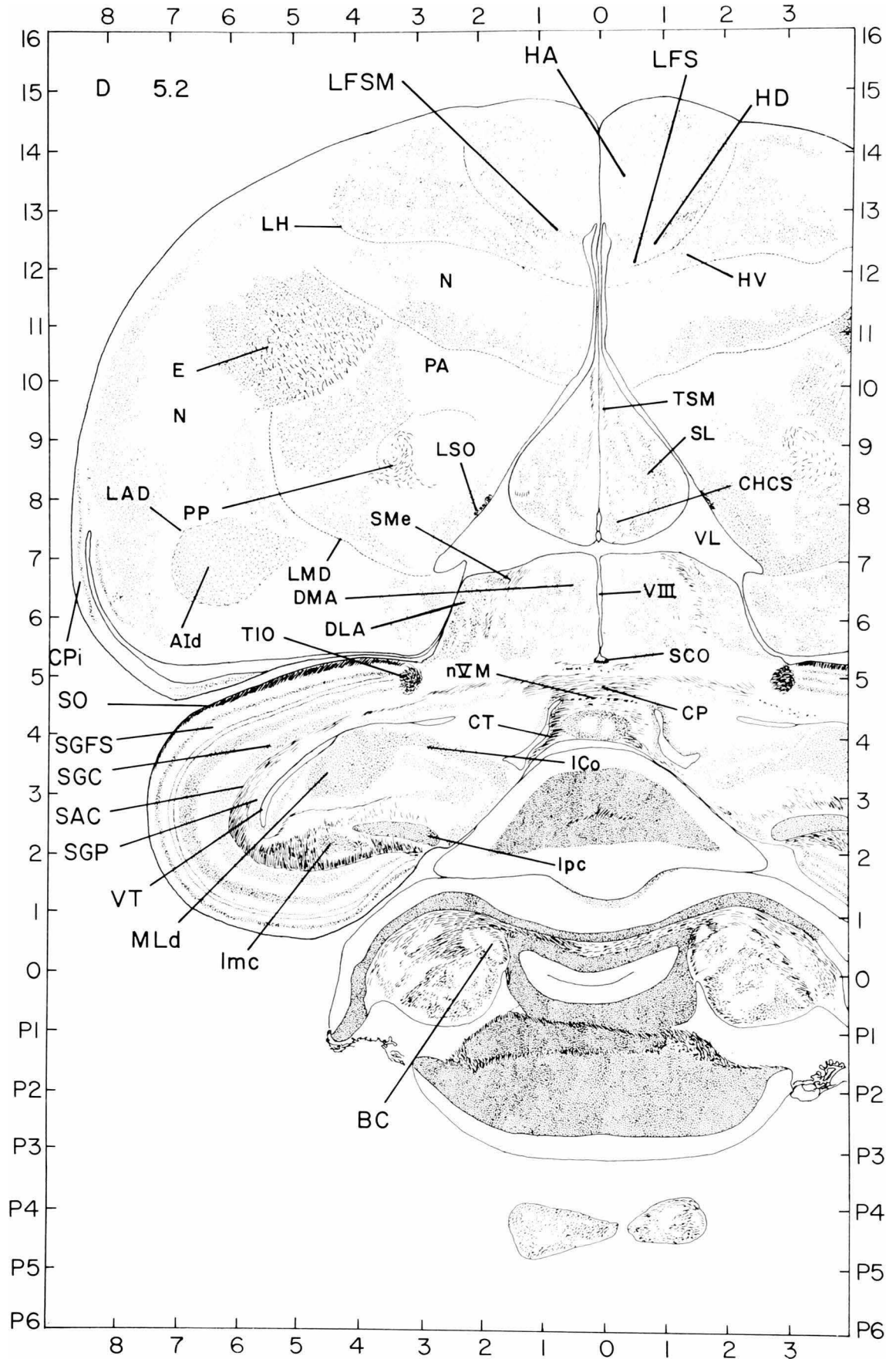
- CbI Nucleus cerebellaris internus
- CbL Nucleus cerebellaris lateralis
- CbIM Nucleus cerebellaris intermedius
- CbIvm Nucleus cerebellaris internus, pars ventromedialis
- E Ectoatrium
- FLO Flocculus
- HA Hyperstriatum accessorium
- HD Hyperstriatum dorsale
- HIS Hyperstriatum intercalatum supremum
- HV Hyperstriatum ventrale
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- LMD Lamina medullaris dorsalis
- N Neostriatum
- NI Neostriatum intermedium
- PA Paleostriatum augmentatum (Caudate putamen)
- PCV III Plexus choroideus ventriculi tertii (Choroid plexus within third ventricle)
- PP Paleostriatum primitivum (Globus pallidus)
- SAC Stratum album centrale
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SGP Stratum griseum periventriculare
- Va Vallecule telencephali
- VC Ventriculus cerebelli
- VL Ventriculus lateralis
- VT Ventriculus tecti mesencephali

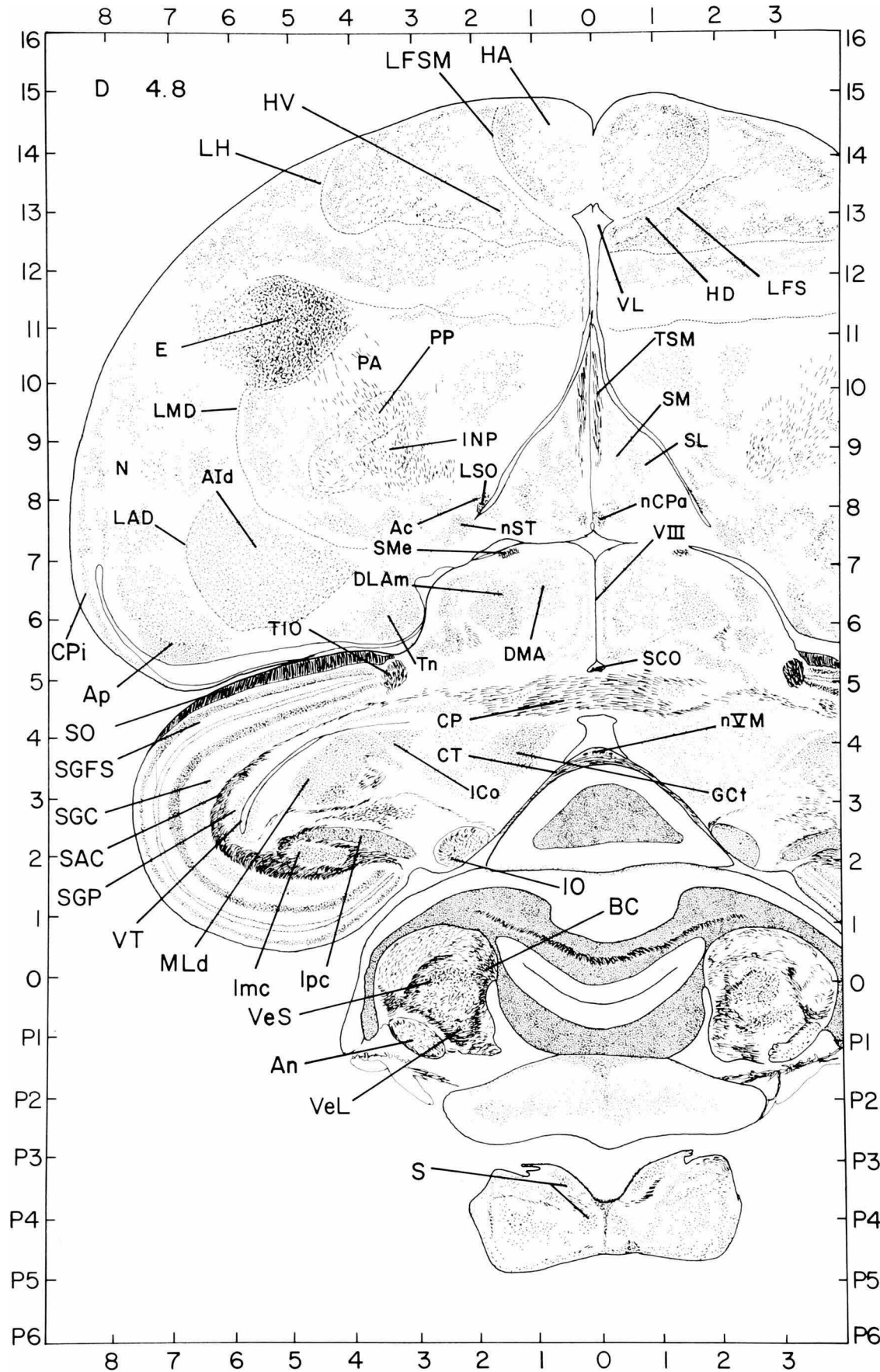




- CCV Commissura cerebellaris ventralis
- CHCS Tractus cortico-habenularis et cortico-septalis
- E Ectostriatum
- HA Hyperstriatum accessorium
- HD Hyperstriatum dorsale
- HL Nucleus habenularis lateralis
- HM Nucleus habenularis medialis
- HV Hyperstriatum ventrale
- Imc Nucleus isthmi, pars magnocellularis
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- LMD Lamina medullaris dorsalis
- MLd Nucleus mesencephalicus lateralis, pars dorsalis
- N Neostriatum
- NI Neostriatum intermedium
- PA Paleoistriatum augmentatum (Caudate putamen)
- PLCV Processus lateralis cerebello-vestibularis
- PP Paleoistriatum primitivum (Globus pallidus)
- SAC Stratum album centrale
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SGP Stratum griseum periventriculare
- SL Nucleus septalis lateralis
- SMe Stria medullaris
- SO Stratum opticum
- TIO Tractus isthmo-opticus
- Va Vallicula telencephali
- VL Ventriculus lateralis
- VT Ventriculus tecti mesencephali
- V III Ventriculus tertius (Third ventricle)

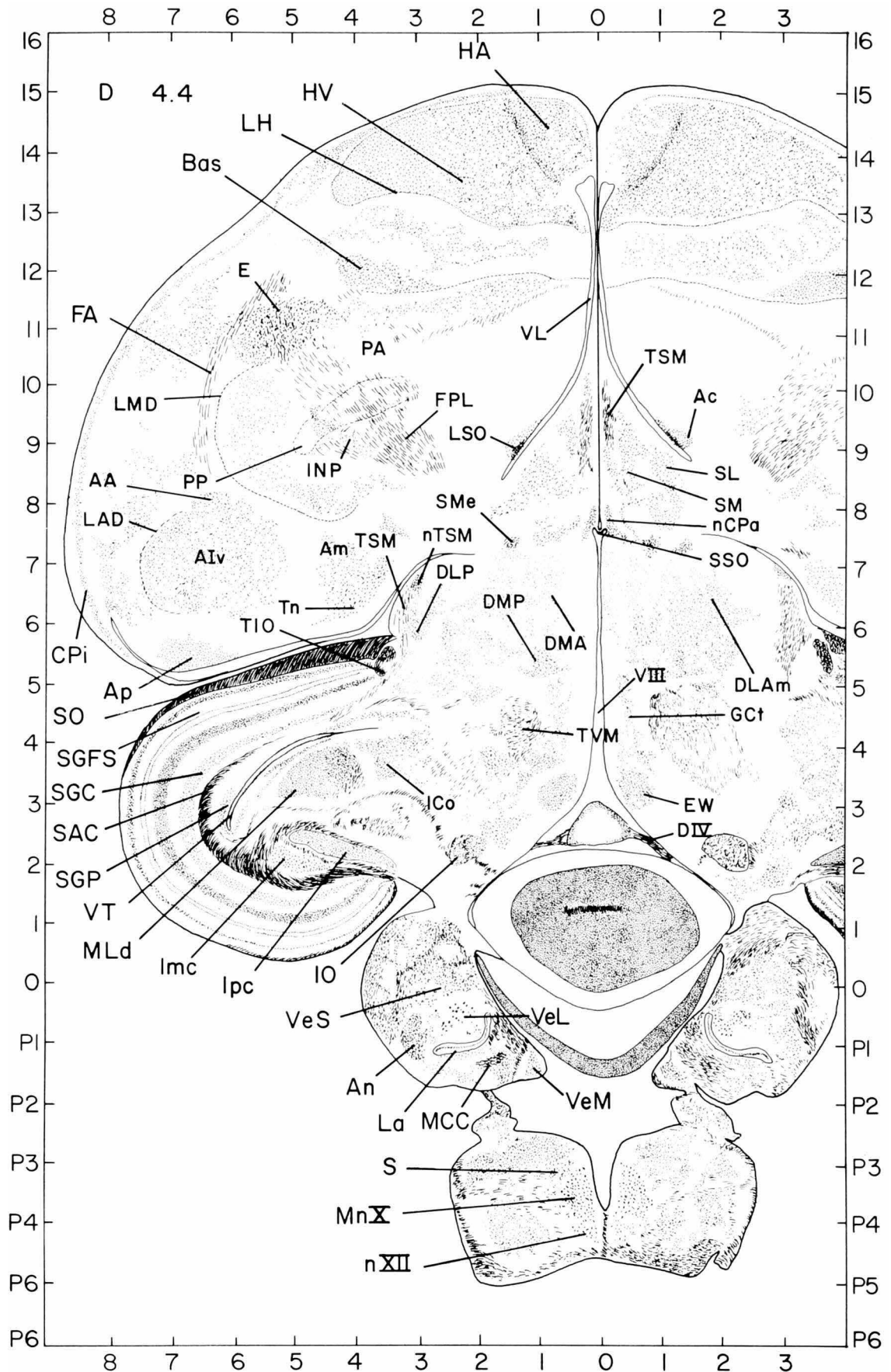
- AId Archistriatum intermedium, pars dorsalis (Zeier and Karten)
- BC Brachium conjunctivum
- CP Commissura posterior [caudalis] (Posterior commissure)
- CPi Cortex piriformis
- CHCS Tractus cortico-habenularis et cortico-septalis
- CT Commissura tectalis
- DMA Nucleus dorsomedialis anterior [rostralis] thalami
- DLA Nucleus dorsolateralis anterior [rostralis] thalami
- E Ectostriatum
- HA Hyperstriatum accessorium
- HD Hyperstriatum dorsale
- HV Hyperstriatum ventrale
- ICo Nucleus intercollicularis
- Imc Nucleus isthmi, pars magnocellularis
- Ipc Nucleus isthmi, pars parvocellularis
- LAD Lamina archistriatalis dorsalis
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- LMD Lamina medullaris dorsalis
- LSO Organum septi laterale (Lateral septal organ)
- MLd Nucleus mesencephalicus lateralis, pars dorsalis
- N Neostriatum
- n V m Nucleus mesencephalicus nervi trigemini
- PA Paleostriatum augmentatum (Caudate putamen)
- PP Paleostriatum primitivum (Globus pallidus)
- SAC Stratum album centrale
- SCO Organum subcommissurale (Subcommissural organ)
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SGP Stratum griseum periventriculare
- SL Nucleus septalis lateralis
- SMe Stria medullaris
- SO Stratum opticum
- TIO Tractus isthmo-opticus
- TSM Tractus septomesencephalicus
- VL Ventriculus lateralis
- VT Ventriculus tecti mesencephali
- V III Ventriculus tertius (Third ventricle)

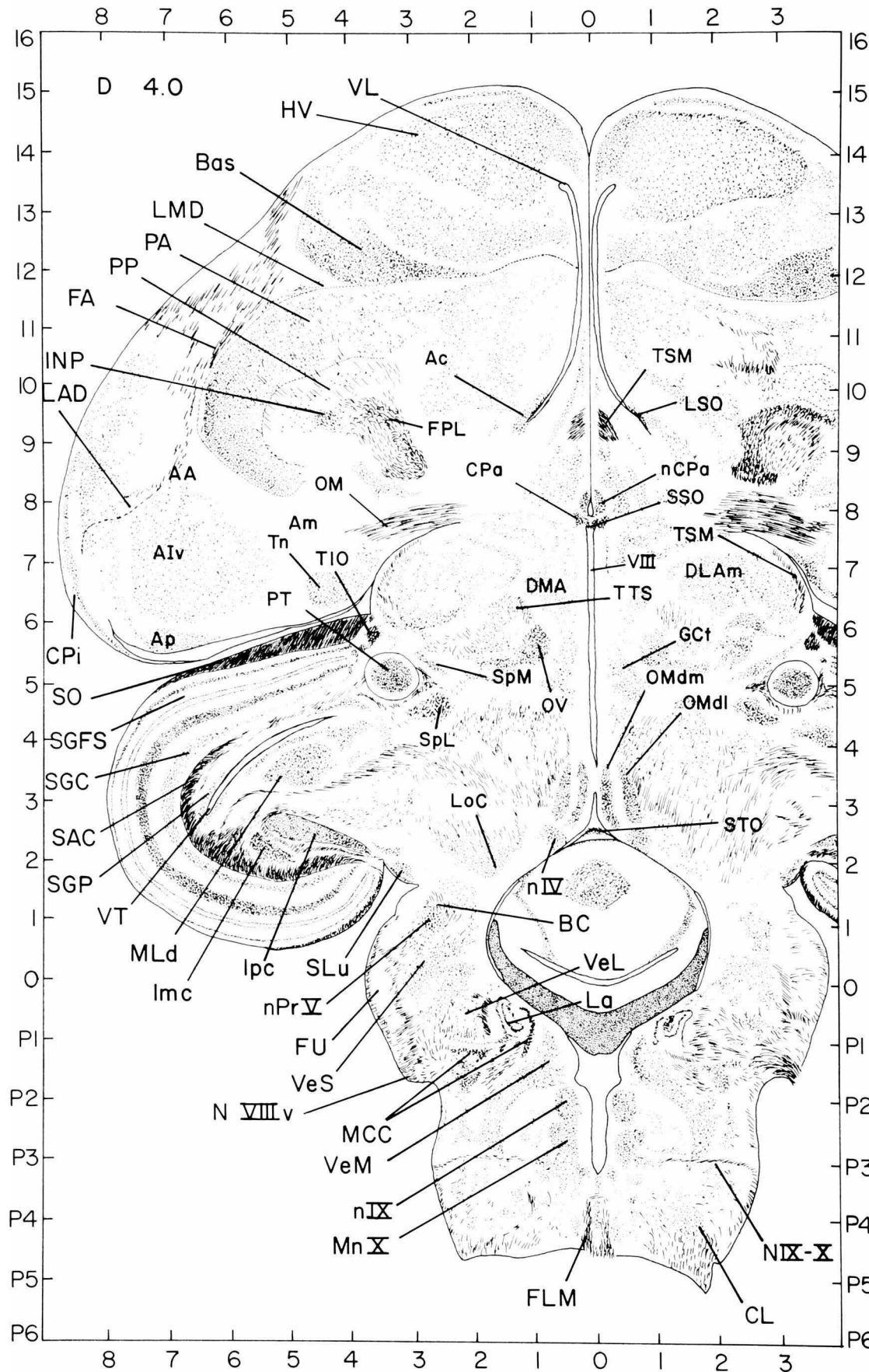




- Ac Nucleus accumbens
- An Nucleus angularis
- Ap Archistriatum posterior [caudale] (Zeier and Karten)
- Ald Archistriatum intermedium, pars dorsalis (Zeier and Karten)
- BC Brachium conjunctivum
- CP Commissura posterior [caudalis] (Posterior commissure)
- CPi Cortex piriformis
- CT Commissura tectalis
- DLAm Nucleus dorsolateralis anterior [rostralis] thalami, pars medialis
- DMA Nucleus dorsomedialis anterior [rostralis] thalami
- E Ectoistriatum
- GcT Substantia grisea centralis
- HA Hyperstriatum accessorium
- HD Hyperstriatum dorsale
- HV Hyperstriatum ventrale
- ICo Nucleus intercollicularis
- Imc Nucleus isthmi, pars magnocellularis
- INP Nucleus intrapeduncularis
- IO Nucleus isthmo-opticus
- Ipc Nucleus isthmi, pars parvocellularis
- LAD Lamina archistriatalis dorsalis
- LFS Lamina frontalis superior
- LFSM Lamina frontalis suprema
- LH Lamina hyperstriatica
- LMD Lamina medullaris dorsalis
- LSO Organum septi laterale (Lateral septal organ)
- MLd Nucleus mesencephalicus lateralis, pars dorsalis
- N Neostriatum
- nCPa Nucleus commissurae pallii (Bed nucleus pallial commissure)
- nVM Nucleus mesencephalicus nervi trigemini
- nST Nucleus striae terminalis (Bed nucleus, stria terminalis)
- PA Paleostriatum augmentatum (Caudate putamen)
- PP Paleostriatum primitivum (Globus pallidus)
- S Nucleus tractus solitarii
- SAC Stratum album centrale
- SCO Organum subcommissurale (Subcommissural organ)
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SGP Stratum griseum periventriculare
- SL Nucleus septalis lateralis
- SM Nucleus septalis medialis
- SMe Stria medullaris
- SO Stratum opticum
- TIO Tractus isthmo-opticus
- TSM Tractus septomesencephalicus
- VeL Nucleus vestibularis lateralis
- VeS Nucleus vestibularis superior
- VL Ventriculus lateralis
- VT Ventriculus tecti mesencephali
- V III Ventriculus tertius (Third ventricle)

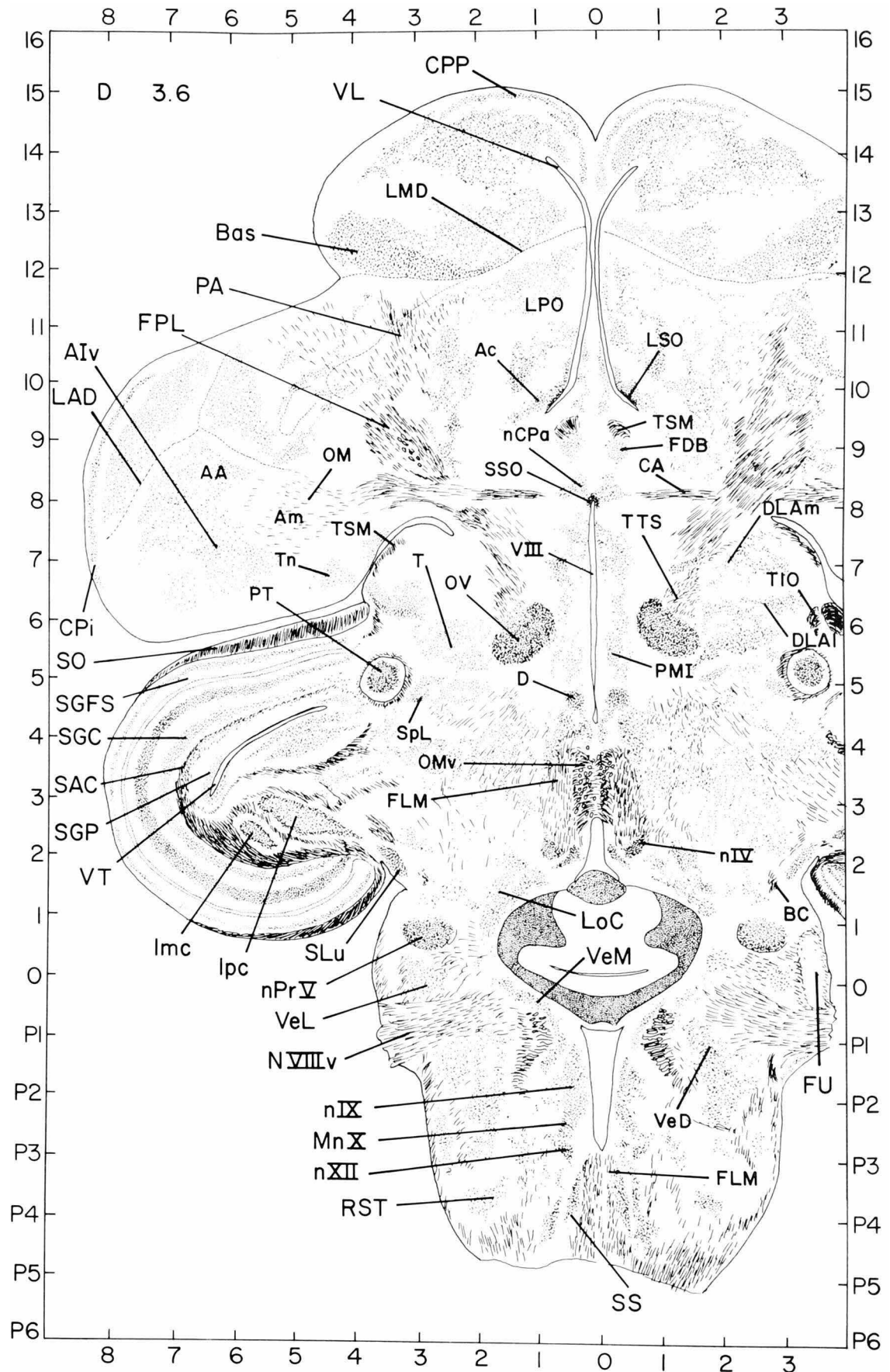
- AA Archistriatum anterior [rostrale] (Zeier and Karten)
- Ac Nucleus accumbens
- Am Archistriatum mediale (Zeier and Karten)
- An Nucleus angularis
- Alv Archistriatum intermedium, pars ventralis (Zeier and Karten)
- Ap Archistriatum posterior [caudale] (Zeier and Karten)
- Bas Nucleus basalis
- CPI Cortex piriformis
- DLAm Nucleus dorsolateralis anterior [rostralis] thalami, pars medialis
- DLP Nucleus dorsolateralis posterior [caudalis] thalami
- DMA Nucleus dorsomedialis anterior [rostralis] thalami
- DMP Nucleus dorsomedialis posterior [caudalis] thalami
- DIV Decussatio nervi trochlearis
- E Ectostriatum
- EW Nucleus of Edinger-Westphal
- FA Tractus fronto-archistriaticus
- FPL Fasciculus prosencephali lateralis (Lateral forebrain bundle)
- GCt Substantia grisea centralis
- HA Hyperstriatum accessorium
- HV Hyperstriatum ventrale
- ICo Nucleus intercollicularis
- Imc Nucleus isthmi, pars magnocellularis
- INP Nucleus intrapeduncularis
- IO Nucleus isthmo-opticus
- Ipc Nucleus isthmi, pars parvocellularis
- La Nucleus laminaris
- LAD Lamina archistriaticalis dorsalis
- LH Lamina hyperstriatica
- LMD Lamina medullaris dorsalis
- LSO Organum septi laterale (Lateral septal organ)
- MCC Nucleus magnocellularis cochlearis
- MLd Nucleus mesencephalicus lateralis, pars dorsalis
- Mn X Nucleus motorius dorsalis nervi vagi
- nCPa Nucleus commissurae pallii (Bed nucleus pallii commissurae)
- nTSM Nucleus tractus septomesencephalicus (Nucleus superficialis parvocellularis)
- n XII Nucleus nervi hypoglossi
- PA Paleostriatum augmentatum (Caudate putamen)
- PP Paleostriatum primitivum (Globus pallidus)
- S Nucleus tractus solitarii
- SAC Stratum album centrale
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SGP Stratum griseum periventriculare
- SL Nucleus septalis lateralis
- SM Nucleus septalis medialis
- SMe Stria medullaris
- SO Stratum opticum
- SSO Organum subseptale (Subseptal, subfornical or interventricular organ)
- TIO Tractus isthmo-opticus
- Tn Nucleus taeniae
- TSM Tractus septomesencephalicus
- TVM Tractus vestibulomesencephalicus
- VeL Nucleus vestibularis lateralis
- VeM Nucleus vestibularis medialis
- VeS Nucleus vestibularis superior
- VL Ventriculus lateralis
- VT Ventriculus tecti mesencephali
- V III Ventriculus tertius (Third ventricle)

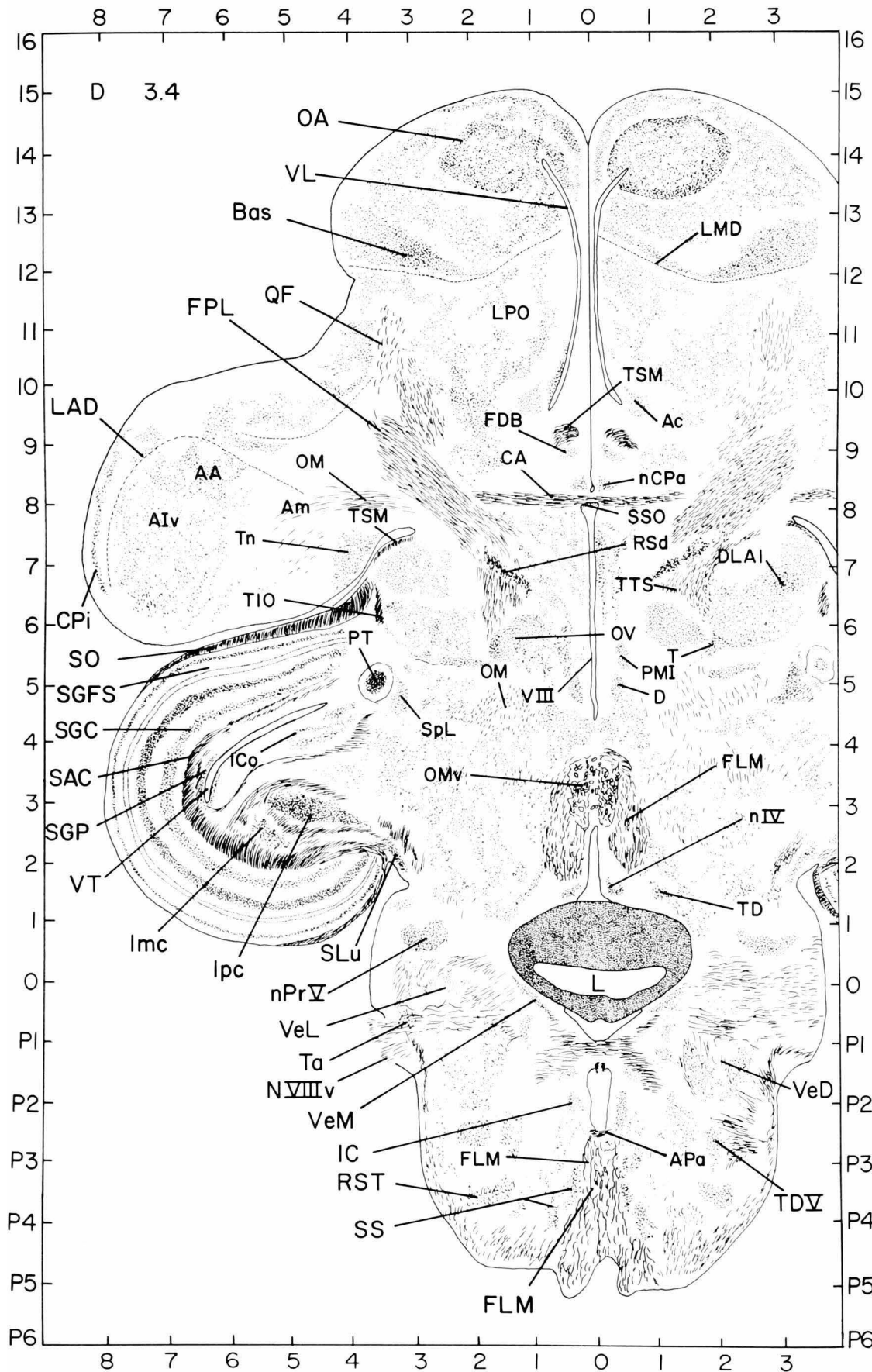




- AA Archistriatum anterior [rostrale] (Zeier and Karten)
- Ac Nucleus accumbens
- Alv Archistriatum intermedium, pars ventralis (Zeier and Karten)
- Am Archistriatum mediale (Zeier and Karten)
- Ap Archistriatum posterior [caudale] (Zeier and Karten)
- Bas Nucleus basalis
- BC Brachium conjunctivum
- CL Nucleus cervicalis lateralis
- CPa Commissura pallii
- CPi Cortex piriformis
- DLAm Nucleus dorsolateralis anterior [rostralis] thalami, pars medialis
- DMA Nucleus dorsomedialis anterior [rostralis] thalami
- FA Tractus fronto-archistriaticus
- FLM Fasciculus longitudinalis medialis
- FPL Fasciculus prosencephali lateralis (Lateral forebrain bundle)
- FU Funiculus ventralis
- GCl Substantia grisea centralis
- HV Hyperstriatum ventrale
- Imc Nucleus isthmi, pars magnocellularis
- INP Nucleus intrapeduncularis
- Ipc Nucleus isthmi, pars parvocellularis
- La Nucleus laminaris
- LAD Lamina archistriaticalis dorsalis
- LMD Lamina medullaris dorsalis
- LoC Locus ceruleus
- LSO Organum septi laterale (Lateral septal organ)
- MCC Nucleus magnocellularis cochlearis
- MLd Nucleus mesencephalicus lateralis, pars dorsalis
- Mn X Nucleus motorius dorsalis nervi vagi
- nPr V Nucleus sensorius principalis nervi trigemini
- nIV Nucleus nervi trochlearis
- nIX Nucleus nervi glossopharyngei
- N VIII v Nervus octavus, pars vestibularis
- N IX-X Nervi glossopharyngeus et vagus
- OM Tractus occipitomesencephalicus
- OMdl Nucleus nervi oculomotorii, pars dorsolateralis
- OMdm Nucleus nervi oculomotorii, pars dorsomedialis
- OV Nucleus ovoidalis
- PA Paleostriatum augmentatum (Caudate putamen)
- PP Paleostriatum primitivum (Globus pallidus)
- PT Nucleus pretectalis
- SAC Stratum album centrale
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SGP Stratum griseum periventriculare
- SLu Nucleus semilunaris
- SO Stratum opticum
- SpL Nucleus spiriformis lateralis
- SpM Nucleus spiriformis medialis
- SSO Organum subseptale (Subseptal, subfornical or interventricular organ)
- STO Organum subtrochleare (Subtrochlear organ)
- TIO Tractus isthmo-opticus
- Tn Nucleus taeniae
- TSM Tractus septomesencephalicus
- TTS Tractus thalamostriaticus
- VeL Nucleus vestibularis lateralis
- VeM Nucleus vestibularis medialis
- VeS Nucleus vestibularis superior
- VL Ventriculus lateralis
- VT Ventriculus tecti mesencephali
- V III Ventriculus tertius (Third ventricle)

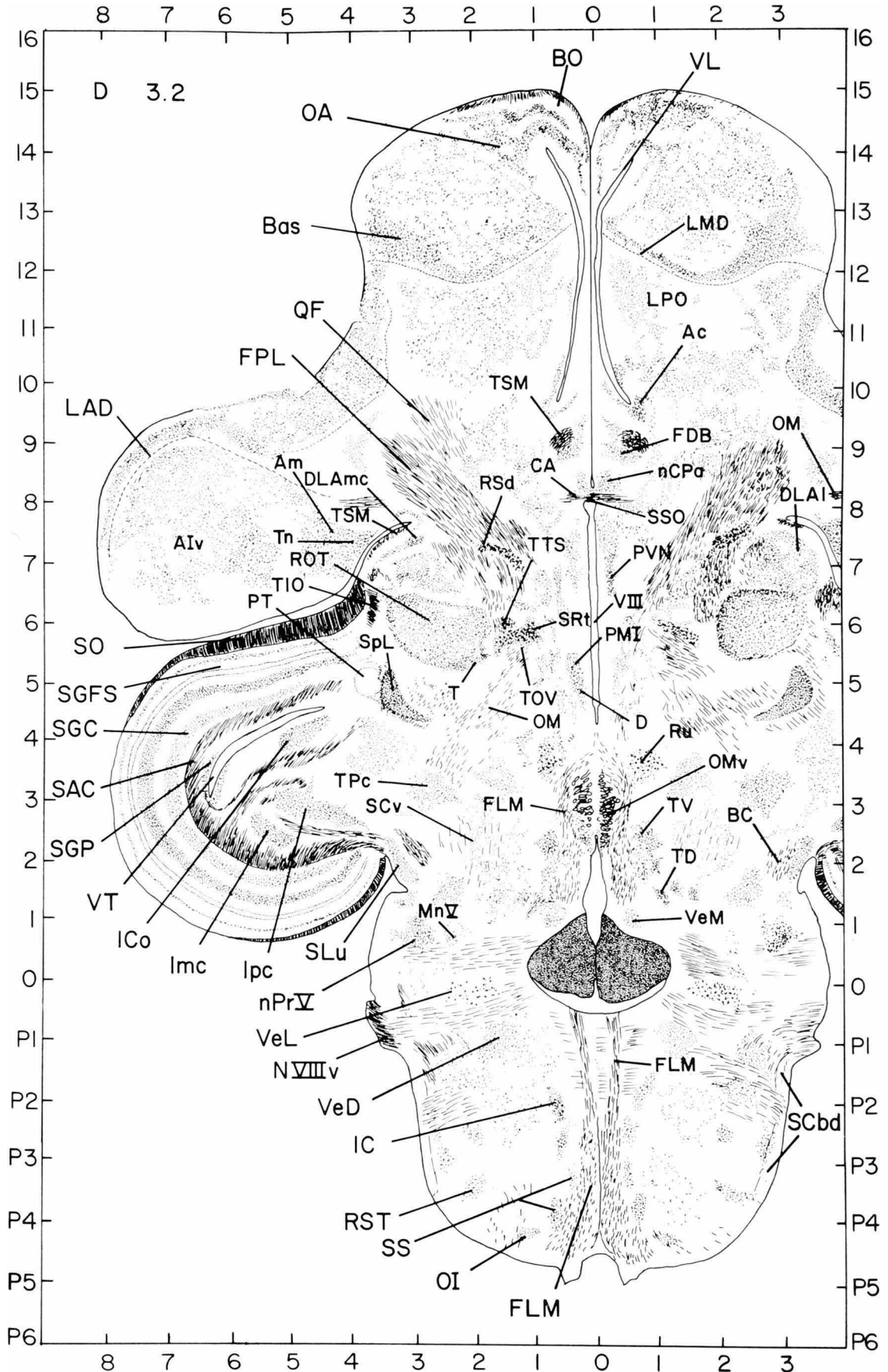
- AA Archistriatum anterior [rostrale] (Zeier and Karten)
- Ac Nucleus accumbens
- Alv Archistriatum intermedium, pars ventralis (Zeier and Karten)
- Am Archistriatum mediale (Zeier and Karten)
- Bas Nucleus basalis
- BC Brachium conjunctivum
- CA Commissura anterior [rostralis] (Anterior commissure)
- CPi Cortex piriformis
- CPP Cortex prepiriformis
- D Nucleus of Darkschewitsch
- DLAI Nucleus dorsolateralis anterior [rostralis] thalami, pars lateralis
- DLAm Nucleus dorsolateralis anterior [rostralis] thalami, pars medialis
- FDB Fasciculus diagonalis Brocae
- FLM Fasciculus longitudinalis medialis
- FPL Fasciculus prosencephali lateralis (Lateral forebrain bundle)
- FU Fasciculus uncinatus (Russell)
- Imc Nucleus isthmi, pars magnocellularis
- Ipc Nucleus isthmi, pars parvocellularis
- LAD Lamina archistriatalis dorsalis
- LMD Lamina medullaris dorsalis
- LoC Locus ceruleus
- LPO Lobus parolfactorius
- LSO Organum septi laterale (Lateral septal organ)
- Mn X Nucleus motorius dorsalis nervi vagi
- nCPa Nucleus commissurae pallii (Bed nucleus pallial commissure)
- nPr V Nucleus sensorius principalis nervi trigemini
- n IV Nucleus nervi trochlearis
- n IX Nucleus nervi glossopharyngei
- n XII Nucleus nervi hypoglossi
- N VIII v Nervus octavus, pars vestibularis
- OM Tractus occipitomesencephalicus
- OMv Nucleus nervi oculomotorii, pars ventralis
- OV Nucleus ovoidalis
- PA Paleostriatum augmentatum (Caudate putamen)
- PMI Nucleus paramedianus internus thalami
- PT Nucleus pretectalis
- RST Nucleus reticularis subtrigeminalis
- SAC Stratum album centrale
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SGP Stratum griseum periventriculare
- SLu Nucleus semilunaris
- SO Stratum opticum
- Spl Nucleus spiriformis lateralis
- SS Nucleus supraspinalis
- SSO Organum subseptale (Subseptal, subtorncical or interventricular organ)
- T Nucleus triangularis
- Tn Nucleus taeniae
- TIO Tractus isthmo-opticus
- TSM Tractus septomesencephalicus
- TTS Tractus thalamostriaticus
- VeD Nucleus vestibularis descendens
- VeL Nucleus vestibularis lateralis
- VeM Nucleus vestibularis medialis
- VL Ventriculus lateralis
- VT Ventriculus tecti mesencephali
- V III Ventriculus tertius (Third ventricle)

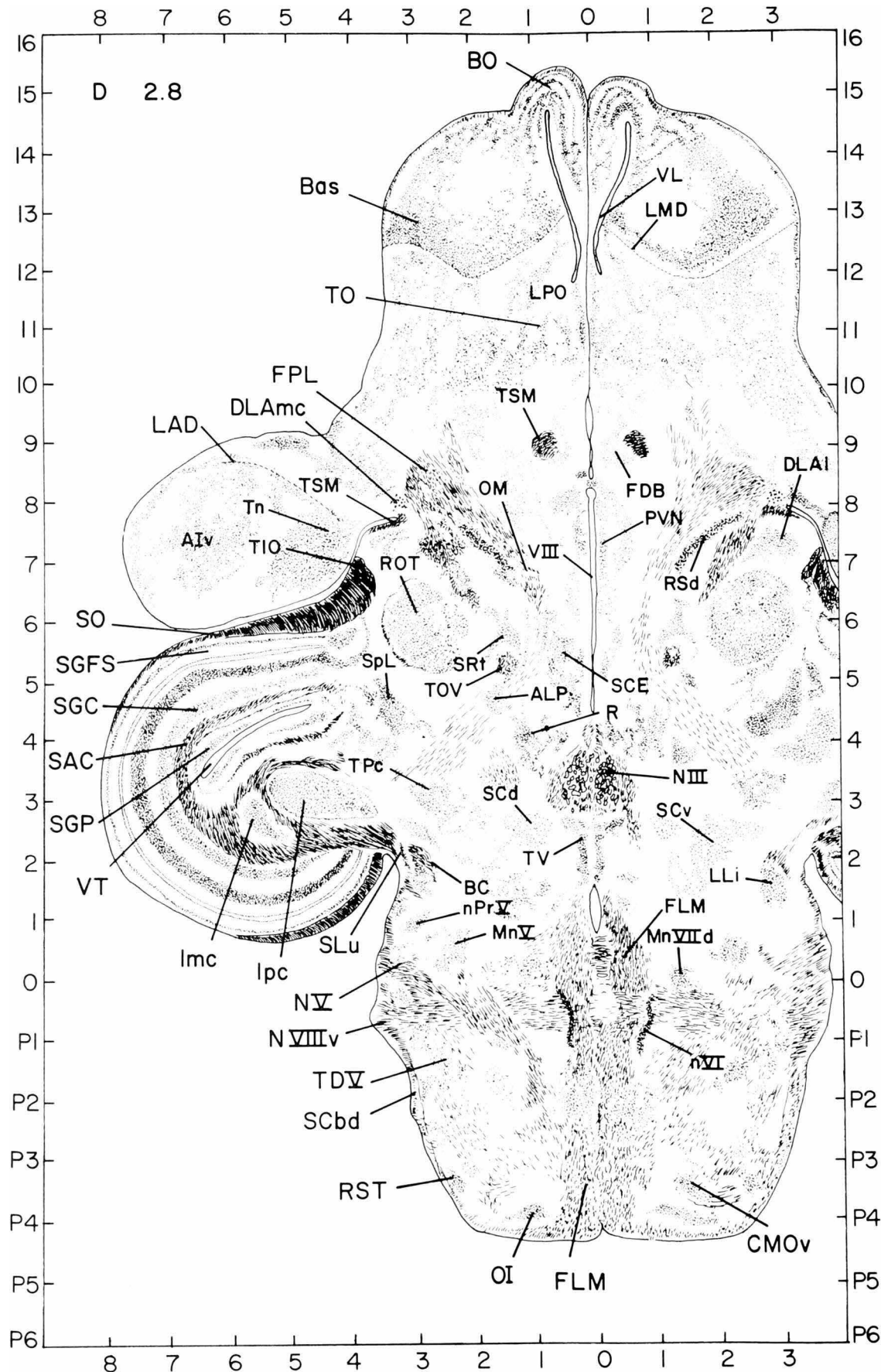




- AA Archistriatum anterior [rostrale] (Zeier and Karten)
- Ac Nucleus accumbens
- Am Archistriatum mediale (Zeier and Karten)
- APa Area postrema
- Alv Archistriatum intermedium, pars ventralis (Zeier and Karten)
- Bas Nucleus basalis
- CA Commissura anterior [rostralis] (Anterior commissure)
- CPI Cortex piriformis
- D Nucleus of Darkschewitsch
- DLAI Nucleus dorsolateralis anterior [rostralis] thalami, pars lateralis
- FDB Fasciculus diagonalis Brocae
- FLM Fasciculus longitudinalis medialis
- FPL Fasciculus prosencephali lateralis (Lateral forebrain bundle)
- IC Nucleus intercalatus
- ICo Nucleus intercollicularis
- Imc Nucleus isthmi, pars magnocellularis
- lpc Nucleus isthmi, pars parvocellularis
- L Lingula
- LAD Lamina archistriatalis dorsalis
- LMD Lamina medullaris dorsalis
- LPO Lobus parolfactorius
- nCPa Nucleus commissurae pallii (Bed nucleus pallial commissure)
- nPr V Nucleus sensorius principalis nervi trigemini
- n IV Nucleus nervi trochlearis
- N VIII v Nervus octavus, pars vestibularis
- OA Nucleus olfactorius anterior [rostralis]
- OM Tractus occipitomesencephalicus
- OMv Nucleus nervi oculomotorii, pars ventralis
- OV Nucleus ovoidalis
- PMI Nucleus paramedianus internus thalami
- PT Nucleus pretektalis
- QF Tractus quintofrontalis
- RSd Nucleus reticularis superior, pars dorsalis
- RST Nucleus reticularis subtrigeminalis
- SAC Stratum album centrale
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SGP Stratum griseum periventriculare
- SLu Nucleus semilunaris
- SO Stratum opticum
- SpL Nucleus spiriformis lateralis
- SSO Organum subseptale (Subseptal, subfornical or interventricular organ)
- T Nucleus triangularis
- Ta Nucleus tangentialis
- TD Nucleus tegmenti dorsalis
- TIO Tractus isthmo-opticus
- Tn Nucleus taeniae
- TSM Tractus septomesencephalicus
- TD V Nucleus et tractus descendens nervi trigemini
- TTS Tractus thalamostriaticus
- VeD Nucleus vestibularis descendens
- VeL Nucleus vestibularis lateralis
- VeM Nucleus vestibularis medialis
- VL Ventriculus lateralis
- VT Ventriculus tecti mesencephali
- V III Ventriculus tertius (Third ventricle)

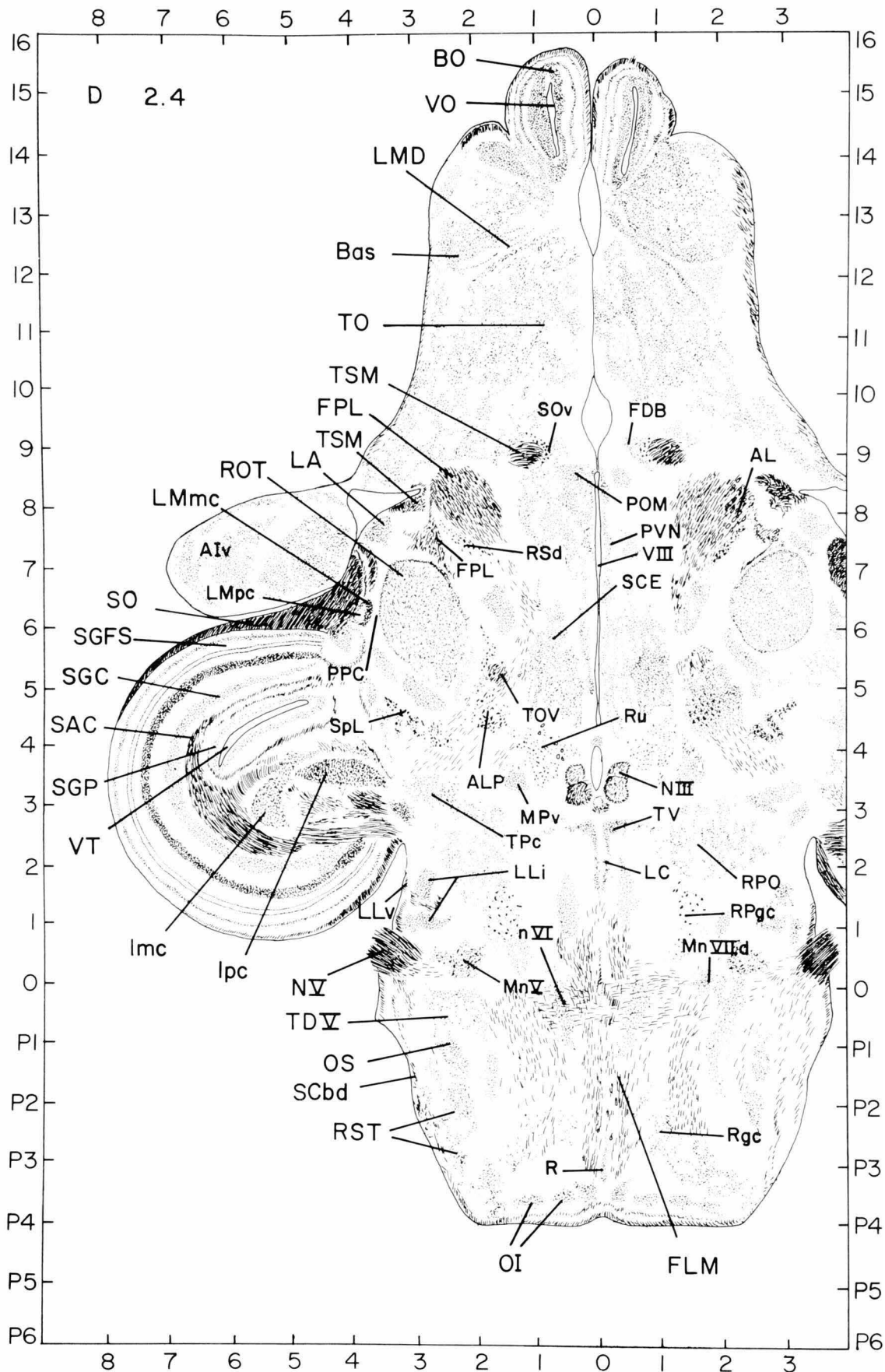
- Ac Nucleus accumbens
- Alv Archistriatum intermedium, pars ventralis (Zeier and Karten)
- Am Archistriatum mediale (Zeier and Karten)
- Bas Nucleus basalis
- BC Brachium conjunctivum
- BO Bulbus olfactorius
- CA Commissura anterior [rostralis] (Anterior commissure)
- D Nucleus of Darkschewitsch
- DLAI Nucleus dorsolateralis anterior [rostralis] thalami, pars lateralis
- DLAmc Nucleus dorsolateralis anterior [rostralis] thalami, pars magnocellularis
- FDB Fasciculus diagonalis Brocae
- FLM Fasciculus longitudinalis medialis
- FPL Fasciculus prosencephali lateralis (Lateral forebrain bundle)
- IC Nucleus intercalatus
- ICo Nucleus intercollicularis
- Imc Nucleus isthmi, pars magnocellularis
- Ipc Nucleus isthmi, pars parvocellularis
- LAD Lamina archistriatalis dorsalis
- LMD Lamina medullaris dorsalis
- LPO Lobus parolfactorius
- Mn V Nucleus motorius nervi trigemini
- nCPa Nucleus commissurae pallii (Bed nucleus pallial commissure)
- nPr V Nucleus sensorius principalis nervi trigemini
- N VIII v Nervus octavus, pars vestibularis
- OA Nucleus olfactorius anterior [rostralis]
- OI Nucleus olivaris inferior
- OM Tractus occipitomesencephalicus
- OMv Nucleus nervi oculomotorii, pars ventralis
- PMI Nucleus paramedianus internus thalami
- PT Nucleus pretectalis
- PVN Nucleus paraventricularis magnocellularis (Paraventricular nucleus)
- QF Tractus quinfofrontalis
- ROT Nucleus rotundus
- RSd Nucleus reticularis superior, pars dorsalis
- RST Nucleus reticularis subtrigeminalis
- Ru Nucleus ruber
- SAC Stratum album centrale
- SCbd Tractus spinocerebellaris dorsalis
- SCv Nucleus subceruleus ventralis
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SGP Stratum griseum periventriculare
- SLu Nucleus semilunaris
- SO Stratum opticum
- SpL Nucleus spiriformis lateralis
- SRt Nucleus subrotundus
- SS Nucleus supraspinalis
- SSO Organum subseptale (Subseptal, subfornical or interventricular organ)
- T Nucleus triangularis
- TD Nucleus tegmenti dorsalis
- TIO Tractus isthmo-opticus
- Tn Nucleus taeniae
- TOV Tractus nuclei ovoidalis
- TPc Nucleus tegmenti pedunculo-pontinus, pars compacta (Substantia nigra)
- TSM Tractus septomesencephalicus
- TTS Tractus thalamostriaticus
- TV Nucleus tegmenti ventralis
- VeD Nucleus vestibularis descendens
- VeL Nucleus vestibularis lateralis
- VeM Nucleus vestibularis medialis
- VL Ventriculus lateralis
- VT Ventriculus tecti mesencephali
- V III Ventriculus tertius (Third ventricle)

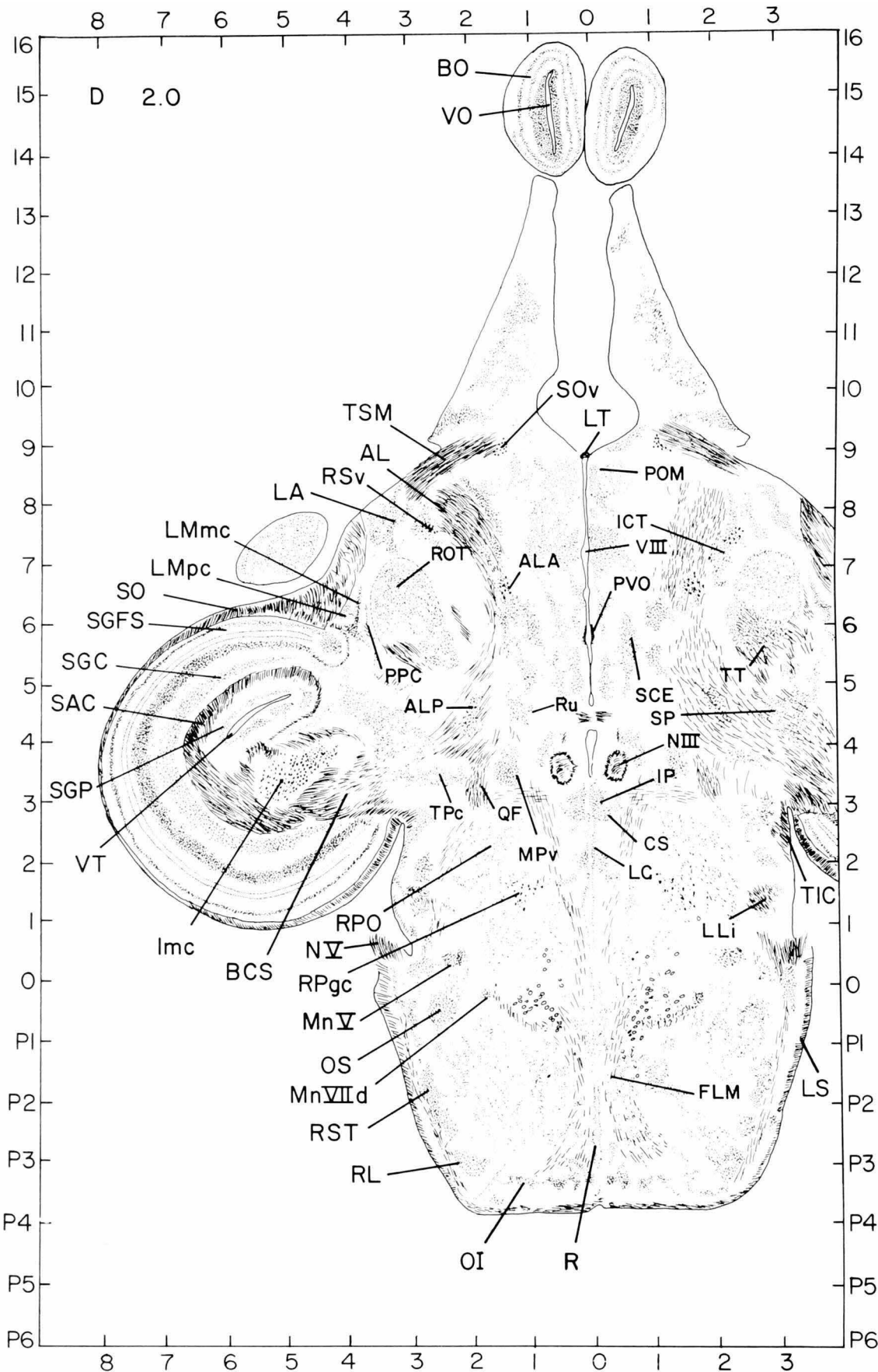




- ALP Nucleus ansae lenticularis posterior [caudalis]
- Alv Archistriatum intermedium, pars ventralis (Zeier and Karten)
- Bas Nucleus basalis
- BC Brachium conjunctivum
- BO Bulbus olfactorius
- CMOv Nucleus centralis medullae oblongatae, pars ventralis
- DLAI Nucleus dorsolateralis anterior [rostralis] thalami, pars lateralis
- DLAmc Nucleus dorsolateralis anterior [rostralis] thalami, pars magnocellularis
- FDB Fasciculus diagonalis Brocae
- FLM Fasciculus longitudinalis medialis
- FPL Fasciculus prosencephali lateralis (Lateral forebrain bundle)
- lmc Nucleus isthmi, pars magnocellularis
- lpc Nucleus isthmi, pars parvocellularis
- LAD Lamina archistriatalis dorsalis
- LLi Lamina lemnisci lateralis, pars intermedia
- LMD Lamina medullaris dorsalis
- LPO Lobus parolfactorius
- Mn V Nucleus motorius nervi trigemini
- Mn VII d Nucleus motorius nervi facialis, pars dorsalis
- nPr V Nucleus sensorius principalis nervi trigemini
- n VI Nucleus nervi abducentis
- N III Nervus oculomotorius
- N V Nervus trigeminus
- N VIII v Nervus octavus, pars vestibularis
- OI Nucleus olivaris inferior
- OM Tractus occipitomesencephalicus
- PVN Nucleus paraventricularis magnocellularis (Paraventricular nucleus)
- R Nucleus raphes
- ROT Nucleus rotundus
- RSd Nucleus reticularis superior, pars dorsalis
- RST Nucleus reticularis subtrigeminalis
- SAC Stratum album centrale
- SCbd Tractus spinocerebellaris dorsalis
- SCd Nucleus subceruleus dorsalis
- SCE Stratum cellulare externum
- SCv Nucleus subceruleus ventralis
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SGP Stratum griseum periventriculare
- SLu Nucleus semilunaris
- SO Stratum opticum
- SpL Nucleus spiriformis lateralis
- SRt Nucleus subrotundus
- TIO Tractus isthmo-opticus
- Tn Nucleus taeniae
- TO Tuberculum olfactorium
- TOV Tractus nuclei ovoidalis
- TPc Nucleus tegmenti pedunculo-pontinus, pars compacta (Substantia nigra)
- TSM Tractus septomesencephalicus
- TD V Nucleus et tractus descendens nervi trigemini
- TV Nucleus tegmenti ventralis
- VL Ventriculus lateralis
- VT Ventriculus tecti mesencephali
- V III Ventriculus tertius (Third ventricle)

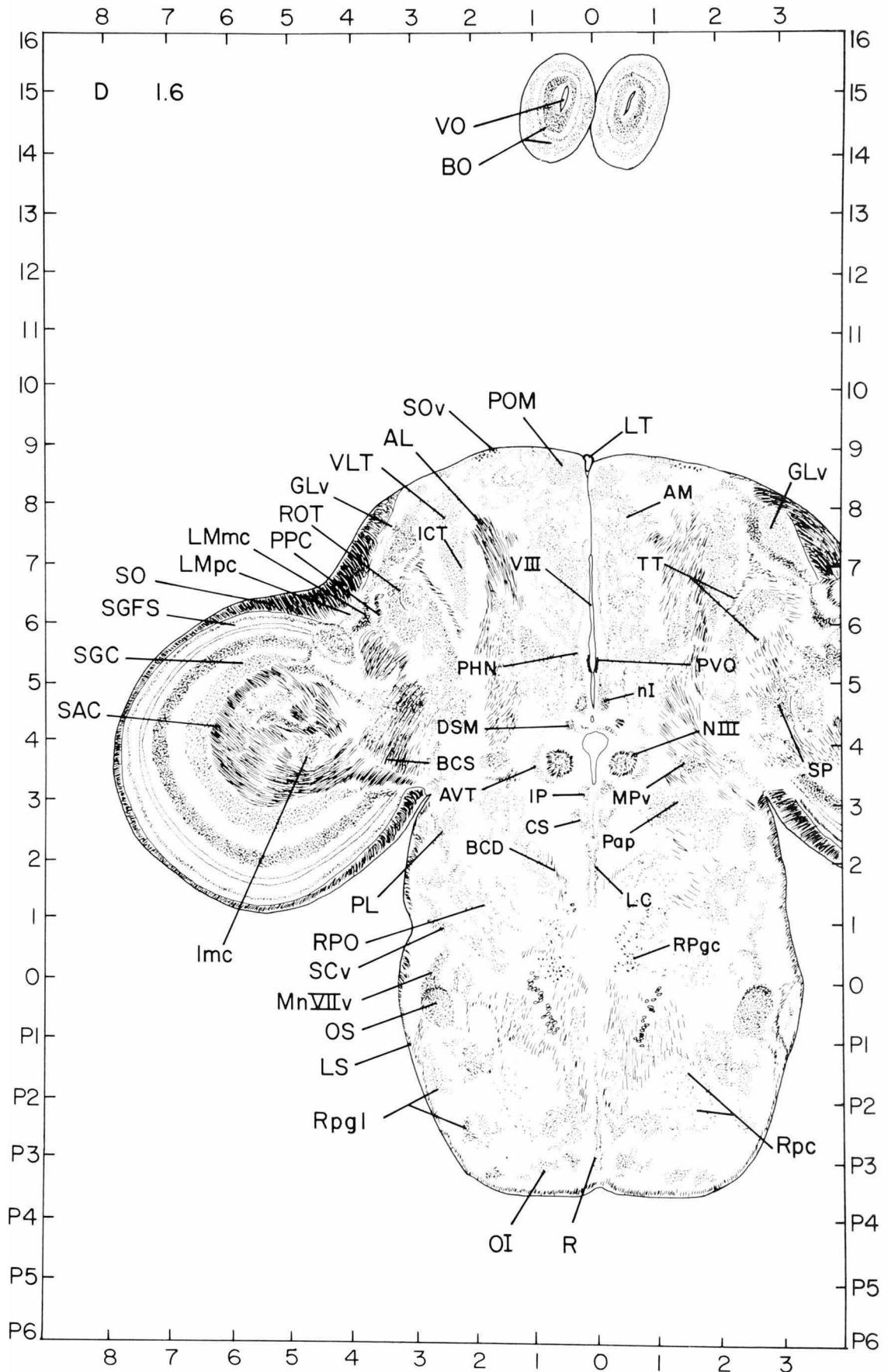
- AL Ansa lenticularis
- ALP Nucleus ansae lenticularis posterior (caudalis)
- Alv Archistriatum intermedium, pars ventralis (Zeier and Karten)
- Bas Nucleus basalis
- BO Bulbus olfactorius
- FDB Fasciculus diagonalis Brocae
- FLM Fasciculus longitudinalis medialis
- FPL Fasciculus prosencephali lateralis (Lateral forebrain bundle)
- lmc Nucleus isthmi, pars magnocellularis
- lpc Nucleus isthmi, pars parvocellularis
- LA Nucleus lateralis anterior [rostralis] thalami
- LC Nucleus linearis caudalis
- LLi Nucleus lemnisci lateralis, pars intermedia
- LLv Nucleus lemnisci lateralis, pars ventralis
- LMD Lamina medullaris dorsalis
- LMmc Nucleus lentiformis mesencephali, pars magnocellularis
- LMpc Nucleus lentiformis mesencephali, pars parvocellularis
- Mn V Nucleus motorius nervi trigemini
- Mn VII d Nucleus motorius nervi facialis, pars dorsalis
- MPv Nucleus mesencephalicus profundus, pars ventralis (Jungheer)
- N III Nervus oculomotorius
- N V Nervus trigeminus
- n VI Nucleus nervi abducentis
- OI Nucleus olivaris inferior
- OS Nucleus olivaris superior
- POM Nucleus preopticus medialis
- PPC Nucleus principalis precommissuralis
- PVN Nucleus paraventricularis magnocellularis (Paraventricular nucleus)
- R Nucleus raphes
- Rgc Nucleus reticularis gigantocellularis
- RPgc Nucleus reticularis pontis caudalis, pars gigantocellularis
- ROT Nucleus rotundus
- RPO Nucleus reticularis pontis oralis
- RSd Nucleus reticularis superior, pars dorsalis
- Ru Nucleus ruber
- SAC Stratum album centrale
- SCbd Tractus spinocerebellaris dorsalis
- SCE Stratum cellulare externum
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SGP Stratum griseum periventriculare
- SO Stratum opticum
- SOv Nucleus supraopticus, pars ventralis
- Spl Nucleus spiriformis lateralis
- RST Nucleus reticularis subtrigeminalis
- TO Tuberculum olfactorium
- TOV Tractus nuclei ovoidalis
- TPc Nucleus tegmenti pedunculo-pontinus, pars compacta (Substantia nigra)
- TSM Tractus septomesencephalicus
- TDV Nucleus et tractus descendens nervi trigemini
- TV Nucleus tegmenti ventralis
- VO Ventriculus olfactorius
- VT Ventriculus tecti mesencephali
- V III Ventriculus tertius (Third ventricle)

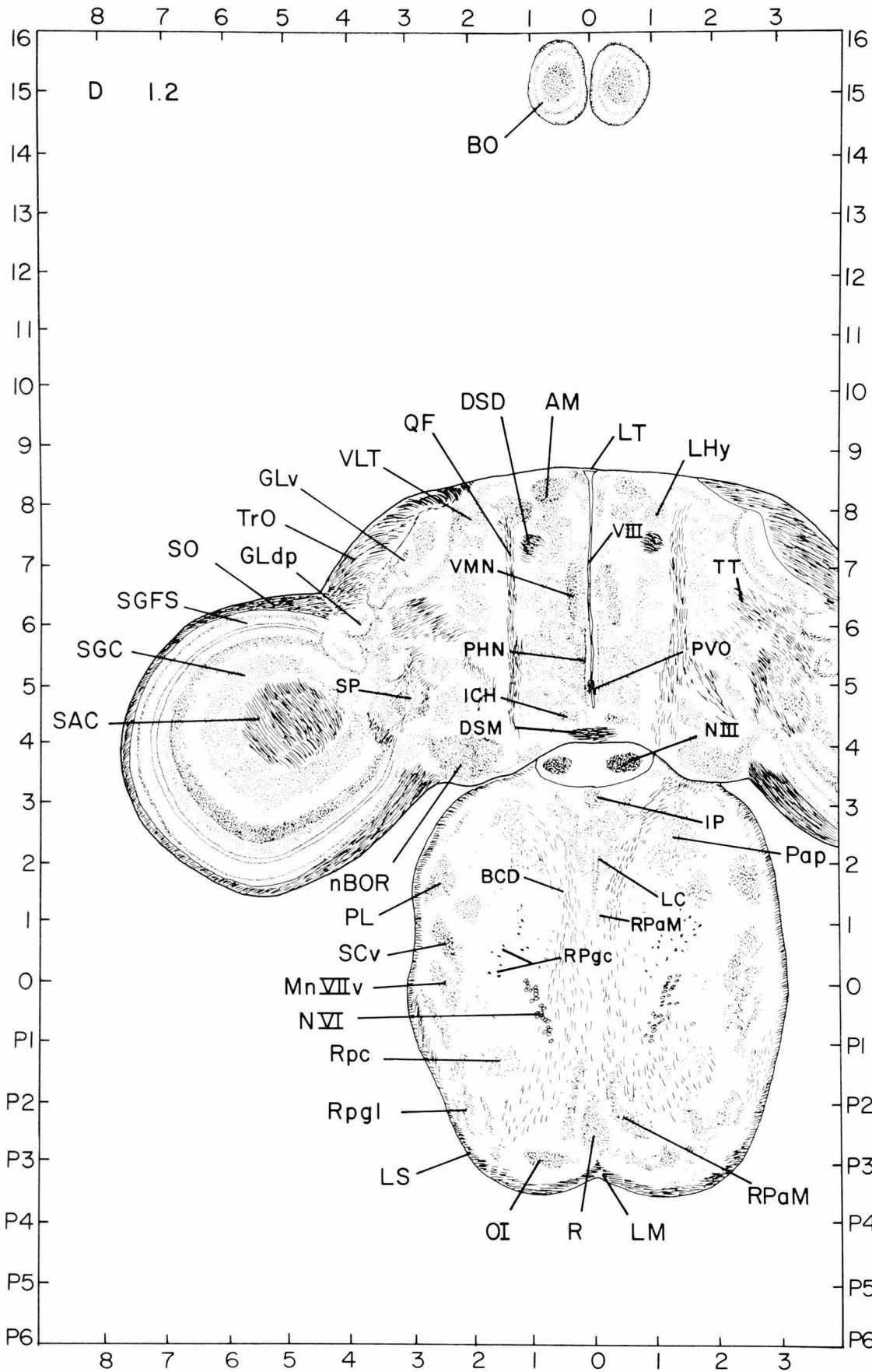




- AL Ansa lenticularis
- ALA Nucleus ansae lenticularis anterior [rostralis]
- ALP Nucleus ansae lenticularis posterior [caudalis]
- BCS Brachium colliculi superioris
- BO Bulbus olfactorius
- CS Nucleus centralis superior
- FLM Fasciculus longitudinalis medialis
- ICT Nucleus intercalatus thalami
- Imc Nucleus isthmi, pars magnocellularis
- IP Nucleus interpeduncularis
- LA Nucleus lateralis anterior [rostralis] thalami
- LC Nucleus linearis caudalis
- LLi Nucleus lemnisci lateralis, pars intermedia
- LMmc Nucleus lentiformis mesencephali, pars magnocellularis
- LMpc Nucleus lentiformis mesencephali, pars parvocellularis
- LS Lemniscus spinalis
- LT Lamina terminalis
- Mn V Nucleus motorius nervi trigemini
- Mn VII d Nucleus motorius nervi facialis, pars dorsalis
- MPv Nucleus mesencephalicus profundus, pars ventralis (Jungheer)
- N III Nervus oculomotorius
- N V Nervus trigeminus
- OI Nucleus olivaris inferior
- OS Nucleus olivaris superior
- POM Nucleus preopticus medialis
- PPC Nucleus principalis precommissuralis
- PVO Organum paraventriculare (Paraventricular organ)
- QF Tractus quintofrontalis
- R Nucleus raphes
- RL Nucleus reticularis lateralis
- ROT Nucleus rotundus
- RPgc Nucleus reticularis pontis caudalis, pars gigantocellularis
- RPO Nucleus reticularis pontis oralis
- RSv Nucleus reticularis superior, pars ventralis
- Ru Nucleus ruber
- SAC Stratum album centrale
- SCE Stratum cellulare externum
- SGC Stratum griseum centrale
- SCFS Stratum griseum et fibrosum superficiale
- SGP Stratum griseum periventriculare
- SO Stratum opticum
- SOv Nucleus supraopticus, pars ventralis
- SP Nucleus subpretectalis
- RST Nucleus reticularis subtrigeminalis
- TIC Tractus isthmocerebellaris
- TPc Nucleus tegmenti pedunculo-pontinus, pars compacta (Substantia nigra)
- TSM Tractus septomesencephalicus
- TT Tractus tectothalamicus
- VO Ventriculus olfactorius
- VT Ventriculus tecti mesencephali
- V III Ventriculus tertius (Third ventricle)

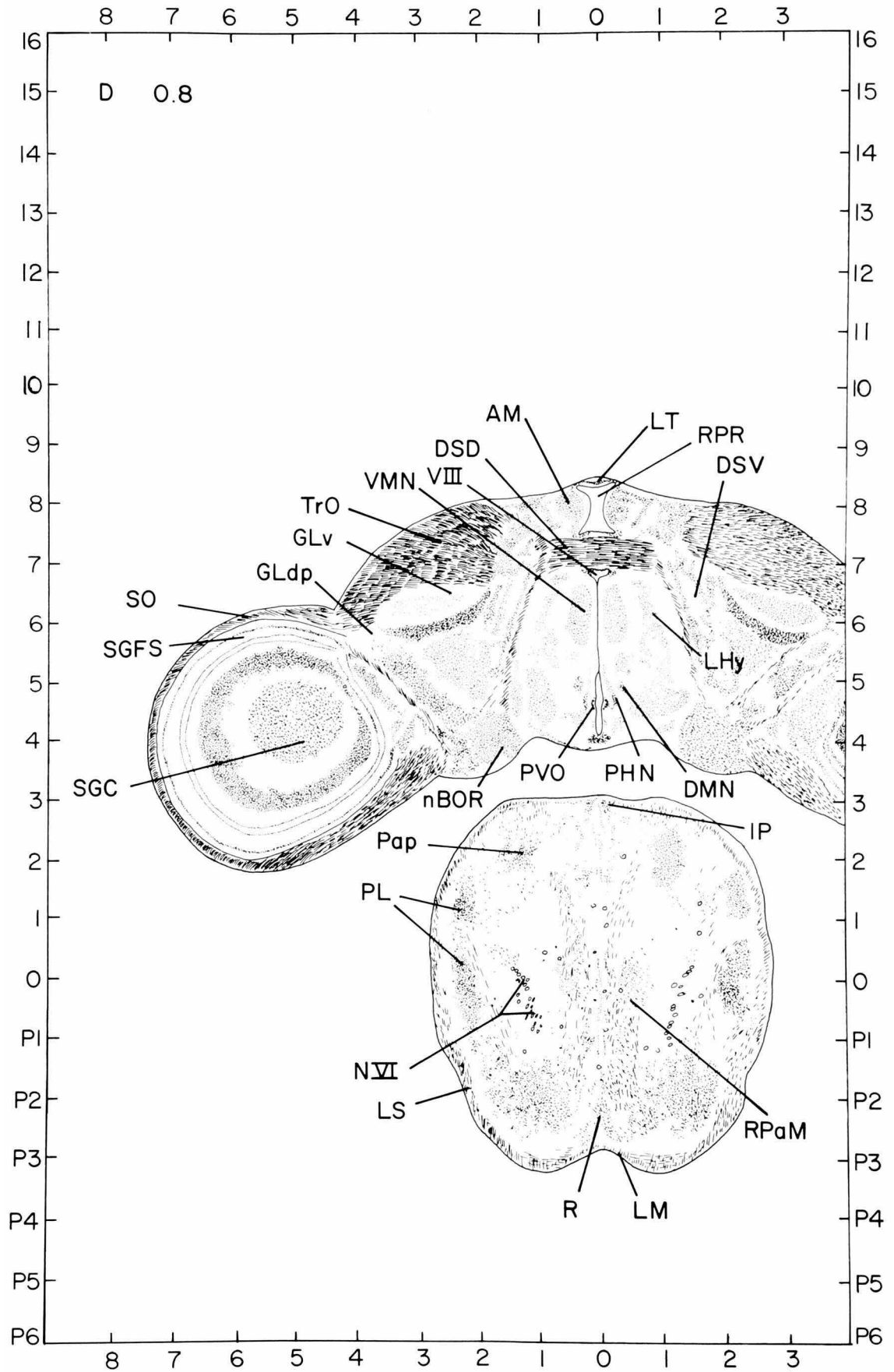
- AL Ansa lenticularis
- AM Nucleus anterior (rostralis) medialis hypothalami
- AVT Area ventralis (Tsai)
- BCD Brachium conjunctivum descendens
- BCS Brachium colliculi superioris
- BO Bulbus olfactorius
- CS Nucleus centralis superior
- DSM Decussatio supramamillaris
- GLv Nucleus geniculatus lateralis, pars ventralis
- Imc Nucleus isthmi, pars magnocellularis
- ICT Nucleus intercalatus thalami
- IP Nucleus interpeduncularis
- LC Nucleus linearis caudalis
- LMmc Nucleus lentiformis mesencephali, pars magnocellularis
- LMpc Nucleus lentiformis mesencephali, pars parvocellularis
- LS Lemniscus spinalis
- LT Lamina terminalis
- MPv Nucleus mesencephalicus profundus, pars ventralis
- Mn VII v Nucleus motorius nervi facialis, pars ventralis
- N III Nervus oculomotorius
- nI Nucleus intramedialis
- OI Nucleus olivaris inferior
- OS Nucleus olivaris superior
- Pap Nucleus papilliformis
- Rpgl Nucleus reticularis paragigantocellularis lateralis
- PHN Nucleus periventricularis hypothalami
- PL Nucleus pontis lateralis
- POM Nucleus preopticus medialis
- PPC Nucleus principalis precommissuralis
- PVO Organum paraventriculare (Paraventricular organ)
- R Nucleus raphes
- ROT Nucleus rotundus
- Rpc Nucleus reticularis parvocellularis
- RPgc Nucleus reticularis pontis caudalis, pars gigantocellularis
- RPO Nucleus reticularis pontis oralis
- SAC Stratum album centrale
- SCv Nucleus subceruleus ventralis
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SO Stratum opticum
- SOv Nucleus supraopticus, pars ventralis
- SP Nucleus subpretectalis
- TT Tractus tectothalamicus
- VLT Nucleus ventrolateralis thalami
- VO Ventriculus olfactorius
- V III Ventriculus tertius (Third ventricle)

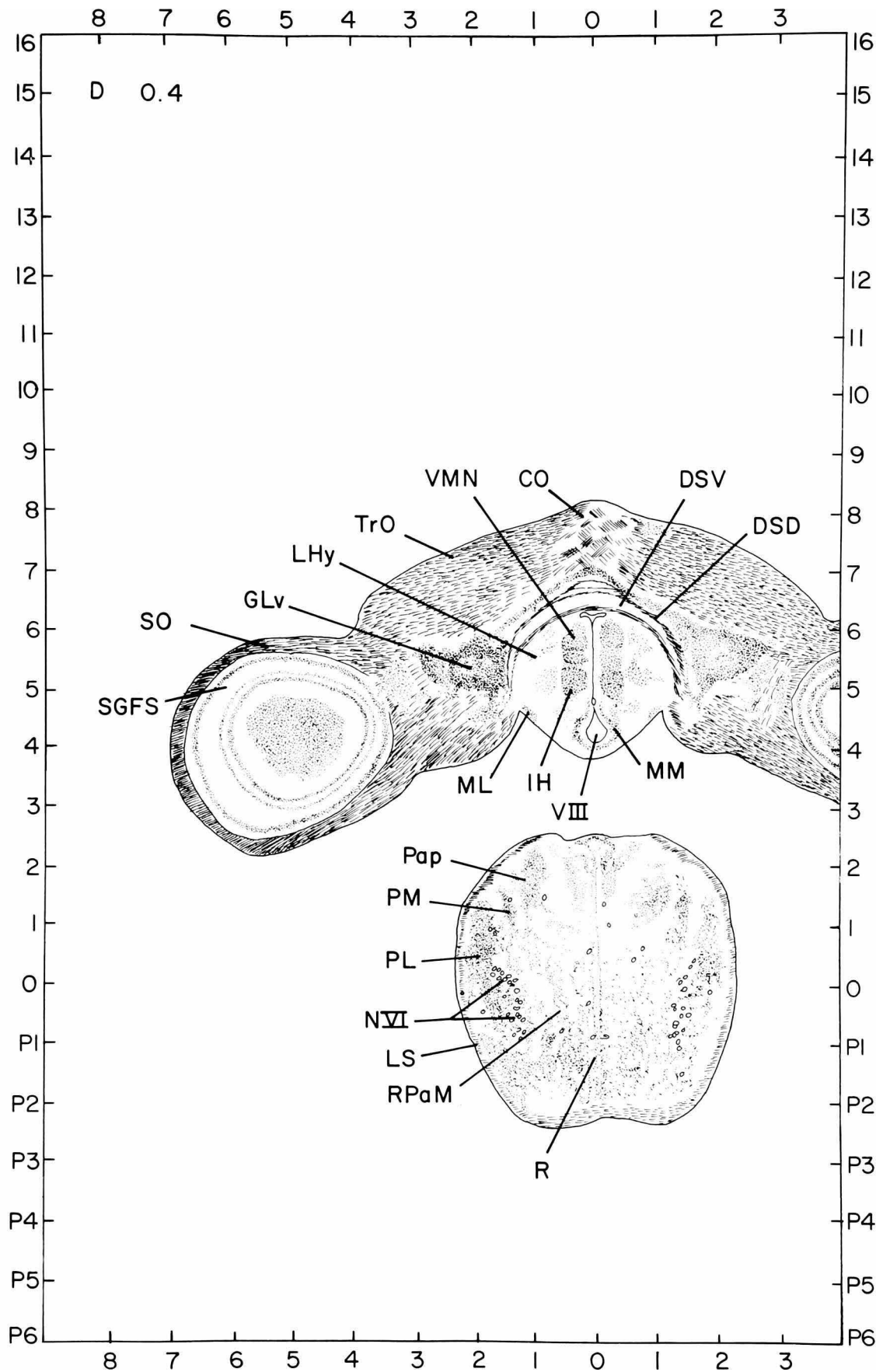




- AM Nucleus anterior [rostralis] medialis hypothalami
- BCD Brachium conjunctivum descendens
- BO Bulbus olfactorius
- DSD Decussatio supraoptica dorsalis
- DSM Decussatio supramamillaris
- GLdp Nucleus geniculatus lateralis, pars dorsalis principalis
- GLv Nucleus geniculatus lateralis, pars ventralis
- ICH Nucleus intercalatus hypothalami
- IP Nucleus interpeduncularis
- LC Nucleus linearis caudalis
- LHy Regio lateralis hypothalami (Lateral hypothalamic area)
- LM Lemniscus medialis
- LS Lemniscus spinalis
- LT Lamina terminalis
- Mn VII v Nucleus motorius nervi facialis, pars ventralis
- nBOR Nucleus opticus basalis; nucleus ectomamillaris (Nucleus of the basal optic root)
- N III Nervus oculomotorius
- N VI Nervus abducens
- OI Nucleus olivaris inferior
- Pap Nucleus papilliformis
- Rpgl Nucleus reticularis paragigantocellularis lateralis
- PHN Nucleus periventricularis hypothalami
- PL Nucleus pontis lateralis
- PVO Organum paraventriculare (Paraventricular organ)
- QF Tractus quintofrontalis
- R Nucleus raphes
- RPAm Nucleus reticularis paramedianus
- Rpc Nucleus reticularis parvocellularis
- RPgc Nucleus reticularis pontis caudalis, pars gigantocellularis
- SAC Stratum album centrale
- SCv Nucleus subceruleus ventralis
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SO Stratum opticum
- SP Nucleus subpretectalis
- TrO Tractus opticus
- TT Tractus tectothalamicus
- VLT Nucleus ventrolateralis thalami
- VMN Nucleus ventromedialis hypothalami
- V III Ventriculus tertius (Third ventricle)

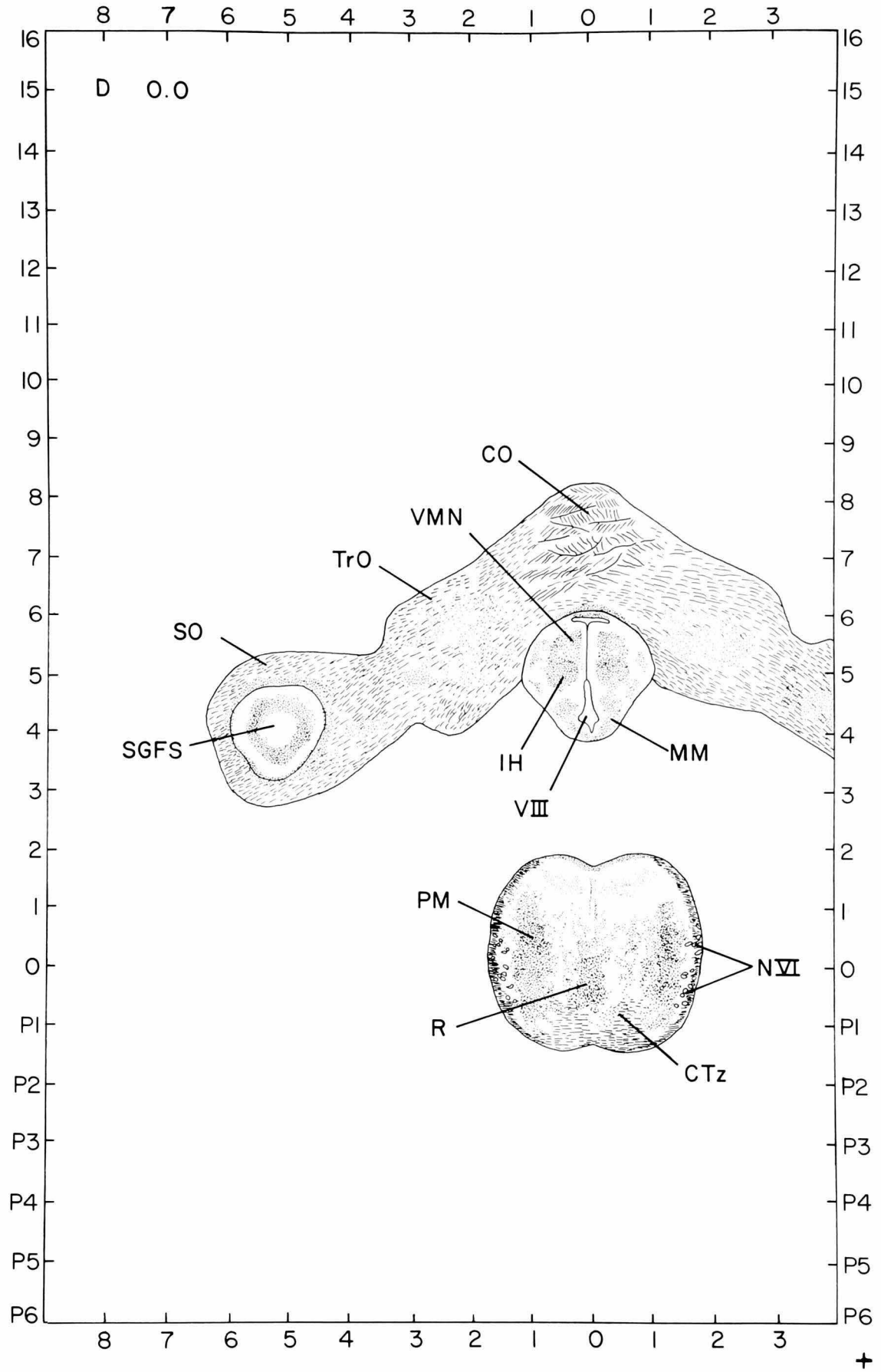
- AM Nucleus anterior [rostralis] medialis hypothalami
- DMN Nucleus dorsomedialis hypothalami
- DSD Decussatio supraoptica dorsalis
- DSV Decussatio supraoptica ventralis
- GLdp Nucleus geniculatus lateralis, pars dorsalis principalis
- GLv Nucleus geniculatus lateralis, pars ventralis
- IP Nucleus interpeduncularis
- LHy Regio lateralis hypothalami (Lateral hypothalamic area)
- LM Lemniscus medialis
- LS Lemniscus spinalis
- LT Lamina terminalis
- nBOR Nucleus opticus basalis; nucleus ectomamillaris (Nucleus of the basal optic root)
- N VI Nervus abducens
- Pap Nucleus papilliformis
- PHN Nucleus periventricularis hypothalami
- PL Nucleus pontis lateralis
- PVO Organum paraventriculare (Paraventricular organ)
- R Nucleus raphes
- RPaM Nucleus reticularis paramedianus
- RPR Recessus preopticus
- SGC Stratum griseum centrale
- SGFS Stratum griseum et fibrosum superficiale
- SO Stratum opticum
- TrO Tractus opticus
- VMN Nucleus ventromedialis hypothalami
- V III Ventriculus tertius (Third ventricle)

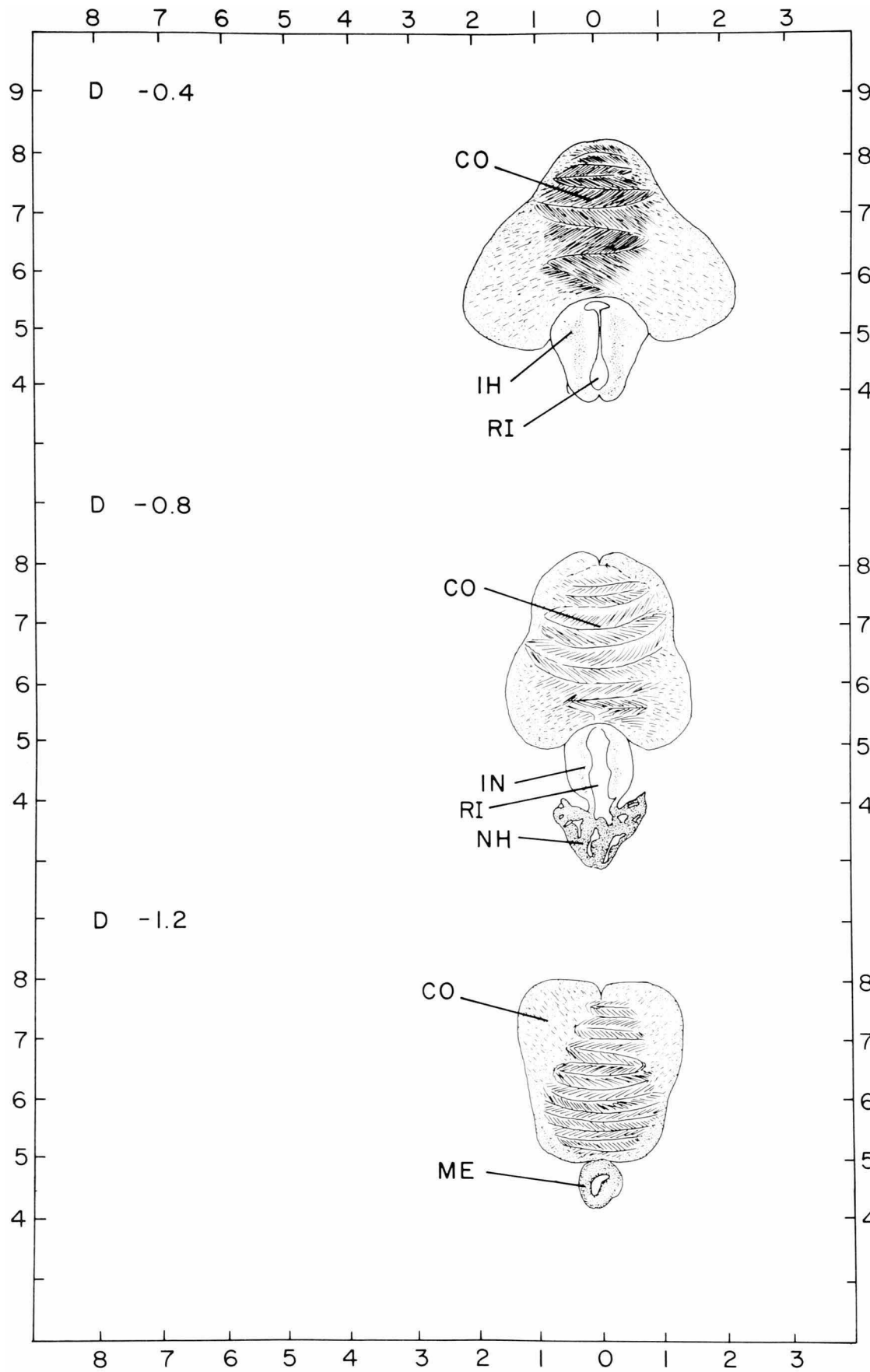




- CO Chiasma opticum
- DSD Decussatio supraoptica dorsalis
- DSV Decussatio supraoptica ventralis
- GLv Nucleus geniculatus lateralis, pars ventralis
- IH Nucleus inferioris hypothalami
- LHy Regio lateralis hypothalami (Lateral hypothalamic area)
- LS Lemniscus spinalis
- ML Nucleus mamillaris lateralis
- MM Nucleus mamillaris medialis
- N VI Nervus abducens
- Pap Nucleus papilliformis
- PL Nucleus pontis lateralis
- PM Nucleus pontis medialis
- R Nucleus raphes
- RPaM Nucleus reticularis paramedianus
- SGFS Stratum griseum et fibrosum superficiale
- SO Stratum opticum
- TrO Tractus opticus
- VMN Nucleus ventromedialis hypothalami
- V III Ventriculus tertius (Third ventricle)

- CO Chiasma opticum
- CTz Corpus trapezoideum
- IH Nucleus inferioris hypothalami
- MM Nucleus mamillaris medialis
- N VI Nervus abducens
- PM Nucleus pontis medialis
- R Nucleus raphes
- SGFS Stratum griseum et fibrosum superficiale
- SO Stratum opticum
- TrO Tractus opticus
- VMN Nucleus ventromedialis hypothalami
- V III Ventriculus tertius (Third ventricle)





CO Chiasma opticum
 IH Nucleus inferioris hypothalami
 RI Recessus inframamillaris; recessus infundibuli (Infundibular recess)

CO Chiasma opticum
 IN Nucleus infundibuli hypothalami
 NH Neurohypophysis
 RI Recessus inframamillaris; recessus infundibuli (Infundibular recess)

CO Chiasma opticum
 ME Eminentia mediana (Median eminence)

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