Note: Disregard page numbers (highlighted in yellow), they have changed in this reformatting (there are few page numbers, and topics are easy to find in the text).

Index

Boldface numbers refer to Atlas Levels; items with no numbers may be found in the Nomenclature Tables (with references to the literature). Numbers for Atlas Levels indicate that a structure is present, whether or not it is labeled in the drawing. The use of eponyms is discussed in text (section VI). Many common synonyms are listed here for the reader's convenience, although such a list is obviously incomplete—there are probably on the order of 10^4 terms relevant to the structures and nomenclature adopted here, and only about 850 synonyms are given.

adenohypophysis, *see* pituitary gland, anterior lobe

afterbrain, *see* medulla

agranular insular area (AI) **5-28**

agranular insular area, dorsal part (AId) **5-14**

agranular insular area, posterior part (AIp) **15-28**

agranular insular area, ventral part (AIv) **9-14**

albicantes prominentiae duae pone infundibulum [Vieussens], *see* mammillary body

alveus [Burdach](alv) **27-43**

Ammonic bundle of the tuber cinereum [Cajal], *see* medial corticohypothalamic tract

Ammon's horn [Noguez](CA) **26-40**

amygdala [Burdach](AMY)

amygdalar capsule [here](amc) **22-32**

amygdalofugal pathway, *see* ansa peduncularis

amygdalohippocampal (transition) area, *see* posterior nucleus amygdala

amygdalopiriform transition [Paxinos-Watson], *see* postpiriform transition area

Andersch's ganglion, *see* inferior glossopharyngeal ganglion

angular bundle [Cajal](ab) **38-43**

angular nucleus (medulla), *see* superior vestibular nucleus

angular nucleus (temporal lobe)[Cajal], *see* medial entorhinal area

angular nucleus (thalamus)[Cajal], *see* anterodorsal nucleus thalamus

angular nucleus (thalamus)[Rose 1935], *see* central lateral nucleus of the thalamus

annular protuberance [Vic d'Azyr], *see* pons

annular protuberance [Willis], *see* middle cerebellar peduncle

ansa lenticularis, *see* pallidothalamic pathway

ansa peduncularis [Gratiolet](apd)

ansiform lobule (AN) **50-64**

ansiform lobule, crus 1, sublobules a-d (ANcr1a-d) **50-62**

ansiform lobule, crus 2, sublobules a,b (ANcr2a,b) **56-68**

ansoparamedian fissure (apf) **59-68**

anterior amygdaloid area (AAA) **21-25**

anterior choroidal nodule [McLardy], *see* subfornical organ

anterior cingulate area (ACA) **6-24**

anterior cingulate area, dorsal part (ACAd) **6-24**

anterior cingulate area, ventral part (ACAv) **11-24**

anterior (white) column [Stilling 1846], *see* ventral funiculus

anterior commissural nucleus [Cajal], *see* interanteromedial nucleus, thalamus

anterior commissural nucleus [Peterson], *see* paraventricular nucleus hypothalamus, anterior magnocellular part

anterior commissure [Riolan] (ac) **1-21**

anterior commissure, anterior limb, *see* anterior commissure, olfactory limb

anterior commissure, intrabulbar , *see* anterior commissure, olfactory limb

anterior commissure, olfactory limb (aco) **1-21**

anterior commissure, posterior limb, *see* anterior commissure, temporal limb

anterior commissure, temporal limb (act) **17-21**

anterior extremity, spinal cord [Vic d'Azyr], *see* ventral horn

anterior gray commissure, spinal cord [Stilling 1842], *see* central gray

arcuate fascicle [Burdach], *see* superior longitudinal fascicle

arcuate nucleus brainstem [Arnold], *see* pontine gray

arcuate nucleus cingulate cortex [Cajal,] *see* retrosplenial area

arcuate nucleus hypothalamus [Clark](ARH) **26-30**

arcuate nucleus thalamus [Kölliker], *see* ventral posteromedial nucleus

area 4, *see* primary motor area

area 17, *see* primary visual area

area 24, *see* anterior cingulate area

area 25, *see* infralimbic area

area 27, see presubiculum

area 28, *see* entorhinal area

area 29, *see* retrosplenial area

area 32, *see* prelimbic area

area 35, *see* perirhinal area

area 36, *see* ectorhinal area

area 48, *see* postsubiculum

area 49, *see* parasubiculum

area postrema (AP) **69-70**

area X [Rexed], *see* central gray spinal cord

Arnold's ganglion, *see* otic ganglion

ascending cerebellar bundle, *see* dorsal spinocerebellar tract

ascending column (crus, pillar) of the fornix, *see* mammillothalamic tract

ascending root of the trigeminal nerve [arch.], *see* spinal tract of the trigeminal nerve

basomedial nucleus amygdala, anterior part (BMAa) **22-28**

basomedial nucleus amygdala, posterior part (BMAp) **27-35**

Bechterew's nucleus, *see* superior vestibular nucleus

bed nuclei stria terminalis [Johnston](BST) **16-23**

bed nuclei stria terminalis, anterior division (BSTa) **16-23**

bed nuclei stria terminalis, anterior division, anterodorsal area (BSTad) **16-20**

bed nuclei stria terminalis, anterior division, anterodorsal area, central core (BSTcc) **18**

bed nuclei stria terminalis, anterior division, anterolateral area (BSTal) **16-21**

bed nuclei stria terminalis, anterior division, anteroventral area (BSTav) **16-20**

bed nuclei stria terminalis, anterior division, dorsolateral nucleus (BSTdl) **20-21**

bed nuclei stria terminalis, anterior division, dorsomedial nucleus (BSTdm) **16-20**

bed nuclei stria terminalis, anterior division, fusiform nucleus (BSTfu) **18-19**

bed nuclei stria terminalis, anterior division, juxtacapsular nucleus (BSTju) **18-19**

bed nuclei stria terminalis, anterior division, magnocellular nucleus (BSTmg) **20-21**

bed nuclei stria terminalis, anterior division, oval nucleus (BSTov) **18-19**

bed nuclei stria terminalis, anterior division, rhomboid nucleus (BSTrh) **20-21**

bed nuclei stria terminalis, anterior division, subcommissural zone (BSTsc) **17-19**

bed nuclei stria terminalis, anterior division, ventral nucleus (BSTv) **20-23**

bed nuclei stria terminalis, posterior division (BSTp) **19-23**

bed nuclei stria terminalis, posterior division, cell-sparse zone (BSTsz) **22**

bed nuclei stria terminalis, posterior division, dorsal nucleus (BSTd) **19-21**

bed nuclei stria terminalis, posterior division, interfascicular nucleus (BSTif) **22-23**

bed nuclei stria terminalis, posterior division, premedullary nucleus (BSTpm)

bed nuclei stria terminalis, posterior division, principal nucleus (BSTpr) **21-23**

bed nuclei stria terminalis, posterior division, strial extension (BSTse) **20-22**

bed nuclei stria terminalis, posterior division, transverse nucleus (BSTtr) **22**

bed nucleus accessory olfactory tract [Scalia-Winans] (BA) **25-26**

bed nucleus anterior commissure [Gurdjian] (BAC) **20-21**

bed nucleus of the hippocampal commissure [Humphrey], *see* subfornical organ

bed nucleus of the stria medullaris [Risold-Swanson 1995](BSM) **22**

between brain, *see* interbrain (diencephalon)

bigeminal (tectal) optic tract, *see* brachium of the superior colliculus

Bischoff's nucleus, *see* gracile nucleus, median part

bombyx, *see* Ammon's horn

brachial plexus (bp)

brachium conjunctivum, *see* superior cerebellar peduncle

brachium of the inferior colliculus (bic) **35-44**

brachium of the superior colliculus (bsc) **32-42**

brachium pontis, *see* middle cerebellar peduncle

brain [Willis], *see* cerebral cortex

brain (BR)

brain trunk, *see* brainstem

brainstem (BS)

bulb, *see* medulla

bulbar nucleus of the lateral funiculus, *see* lateral reticular nucleus

bulbar olive, *see* inferior olive

central gray matter, pars α [Meessen-Olszewski], *see* nucleus incertus, diffuse part

central gray spinal cord (CGS)

central gray matter (thalamus), *see* paraventricular nucleus of the thalamus

central lateral nucleus thalamus [Rioch 1928](CL) **28-33**

central linear nucleus raphé (CLI) **39-43**

central lobule (CENT) **47-57**

central lobule, lobule II, sublobules a,b (CENT2a,b) **47-54**

central lobule, lobule III, sublobules a,b (CENT3a,b) **48-57**

central magnocellular nucleus of the raphé [Cajal], *see* dorsal nucleus of the raphé

central medial nucleus thalamus [Rioch 1928](CM) **25-33**

central medullary (white) lamina of the thalamus [Cajal], *see* internal medullary lamina

central nervous system (CNS) 12

central nucleus amygdala (CEA) **22-30**

central nucleus amygdala, capsular part (CEAc) **22-29**

central nucleus amygdala, lateral part (CEAl) **26-30**

central nucleus amygdala, medial part (CEAm) **23-28**

central nucleus corpus striatum, *see* globus pallidus

central pathway of the lateral funiculus [Cajal], *see* rubrospinal tract

central substantia gelatinosa, *see* central gray

central tegmental bundle [Bechterew](ctb)

central tegmental field [Berman], *see* mesencephalic reticular nucleus

centre médian nucleus [Luys], *see* parafascicular nucleus

centrum geminum semicirculare [Vieussens], *see* internal capsule

cingulate region [Burdach](CNG)

cingulum bundle [Burdach](cing) **10-39**

circumventricular organs 14

Clarke's (gray, vesicular) column [Kölliker], *see* dorsal nucleus of the spinal cord

claustrum [Burdach](CLA) **7-28**

coccygeal spinal ganglia, 1-3 (G-Co1-3)

coccygeal sympathetic ganglion (Gs-C)

cochlear ganglion, *see* spiral ganglion

cochlear nerve (cVIIIn)

cochlear nuclei (CN) **49-58**

cochlear nuclei, granular lamina (CNlam) **55-56**

cochlear nuclei, subpeduncular granular region (CNspg) **49-53**

collateral ganglia, *see* prevertebral sympathetic ganglia

collatorium, *see* pituitary gland, infundibulum

colliculus striati [Winkler-Potter], *see* nucleus accumbens

columns of the fornix (fx) **18-35**

commissura magna cerebri, *see* corpus callosum

commissura maxima, *see* corpus callosum

commissura media, *see* middle thalamic commissure

commissura mollis, *see* middle thalamic commissure

commissura optica, *see* optic chiasm

commissura taeniae [Haller], *see* habenular commissure

commissural nucleus, *see* nucleus of Darkschewitsch

corpora striata superna anteriora [Vieussens], *see* caudate nucleus

corpora striata superna posteriora [Vieussens], *see* thalamus

corpora teretia, *see* inferior olivary complex

corporis pontobulbaris [Essick], *see* pontine gray

corpus callosum [Galen](cc) **16-33**

corpus callosum, anterior forceps [Arnold](fa) **8-11**

corpus callosum, body (ccb)

corpus callosum, genu (ccg) **12-15**

corpus callosum, posterior forceps [Arnold](fp) **38-42**

corpus callosum, rostrum (ccr) **10-13**

corpus callosum, splenium [Burdach](ccs) **34-37**

corpus cameratum [Tarin], *see* fornix

corpus candicans [Willis], *see* mammillary body

corpus ciliare [Reil], *see* dentate nucleus

corpus dentatum [Vic d'Azyr], *see* dentate nucleus

corpus deutatum s. serratum eminentiae olivaris [Willis 1664], *see* inferior olivary complex

corpus Luysii, *see* subthalamic nucleus

corpus peribigiminum [Bechterew], *see* parabigminal nucleus

corpus rhomboidium [Quain-Wilson], *see* deep cerebellar nuclei

corpus striatum [Willis], *see* basal ganglia

corpus striatum intraventriculare [Gratiolet], *see* caudate nucleus

corpus striatum extraventriculare [Gratiolet], see lentiform nucleus

corpus turbinatum [Hoff], *see* pineal gland

cortex-amygdala transition zone [Paxinos-Watson], *see* piriform area

Corti's ganglion, *see* spiral ganglion

cortical nucleus amygdala (COA) **22-36**

cortical nucleus amygdala, anterior part (COAa) **22-28**

cortical nucleus amygdala, posterior part (COAp) **27-36**

cortical nucleus amygdala, posterior part, lateral zone (COApl) **27-34**

cortical nucleus amygdala, posterior part, medial zone (COApm) **30-36**

corticobulbar tract (cbt)

corticopontine tract (cpt)

corticorubral tract (crt)

corticospinal tract (cst) **42-47**

corticospinal tract, uncrossed [Burdach, Türck](cstu)

corticotectal tract (cte)

couche optique, *see* thalamus

cranial root of the accessory spinal nerve, *see* vagus nerve

crossed temporoammonic tract [Cajal], *see* dorsal hippocampal commissure

crura cerebelli, *see* cerebellar peduncles (especially middle)

crura fornicis [Albinus 1744], *see* hippocampus

crus cerebri, *see* cerebral peduncle

crus 1, fissures 1-3 (cr1f1-3) **53-60**

crus 2 fissure (cr2f) **61-66**

culmen (CUL) **48**

culmen, lobules IV,V (CUL4,5) **49-60**

dorsal horn, spinal cord (DH)

dorsal hypothalamic area, *see* posterior hypothalamic nucleus

dorsal longitudinal fascicle [Schütz](dlf)

dorsal marrow [Hippocratic Writers], *see* spinal cord

dorsal marrow or medulla [Vesalius], *see* hindbrain

dorsal motor nucleus vagus nerve (DMX) **64-73**

dorsal nucleus of the lateral lemniscus, *see* nucleus of the lateral lemniscus

dorsal nucleus of the vagus nerve, *see* dorsal motor nucleus of the vagus nerve

dorsal nucleus raphé (DR) **43-49**

dorsal nucleus raphé (thalamus)[Cajal], *see* paraventricular nucleus thalamus

dorsal nucleus septum [Cajal], *see* triangular nucleus of the septum

dorsal nucleus spinal cord [Stilling, Clarke](DSN)

dorsal nucleus spinal cord, caudal part [Stilling](DSNc)

dorsal nucleus thalamus [Kölliker], *see* anterior nuclei, dorsal thalamus

dorsal nucleus thalamus, dorsal part, *see* anteroventral nucleus

dorsal nucleus thalamus, ventral part, *see* anteromedial nucleus

dorsal nucleus tuber cinereum [Cajal], *see* dorsomedial nucleus hypothalamus

dorsal peduncular cortex, *see* infralimbic area

dorsal premammillary nucleus (PMd) **32-33**

dorsal peduncular cortex [Haberly-Price], *see* piriform area (rostral tip)

dorsal psalterium [Ganser], *see* dorsal hippocampal commissure

dorsal pyramidal decussation, *see* internal arcuate fibers

dorsal roots [Coiter](drt)

foramen of Monro, *see* interventricular foramen

forebrain (FB)

Forel's decussation, *see* ventral tegmental decussation

Forel's fascicle, *see* lenticular fascicle

fornicate gyrus [Arnold], *see* cingulate and retrohippocampal regions

fornix inferior [Kölliker], *see* fimbria

fornix longus [Forel], *see* dorsal fornix

fornix periphericus [Arnold], *see* cingulum

fornix superior [Kölliker], *see* dorsal fornix

fornix system [Galen](fxs)

fornix transversus, *see* ventral hippocampal commissure

fornix vera [Vieussens], *see* corpus callosum

fountain decussation [Meynert], *see* dorsal tegmental decussation

fourth ventricle (V4) **48-68**

fourth ventricle, lateral recess (V4r) **49-60**

fovea limbica, *see* rhinal fissure

frenula nova [Tarin], *see* stria terminalis

frenulum, pineal gland, *see* habenular commissure

frontal lobe [Haller], *see* frontal region

frontal olfactory cortex [Cajal], *see* piriform area (rostral part)

frontal olfactory tract (pathway)[Cajal], *see* medial forebrain bundle

frontal pole (FRP) **4**

frontal region (FRO)

interbrain (IB)

intercalated nuclei amygdala (IA) **19-30**

intercalated nucleus [Clark], *see* lateral mammillary nucleus

intercalated nucleus of the spinal cord (ICS)

intercollicular nucleus, *see* superior colliculus, deep gray layer

intercolumnar tubercle [Putnam], *see* subfornical organ

intercostal nerve [Willis], *see* sympathetic trunk

intercrural fissure (icf) **57-62**

interdorsal commissural nucleus, *see* interanteromedial nucleus

interfascicular nucleus raphé (IF) **37-39**

interhemispheric cortex, *see* cingulate region

intermediate acoustic stria [Held](ias)

intermediate gray spinal cord (IH)

intermediate linear nucleus [Brown], *see* central linear nucleus

intermediate nerve [Wrisberg](iVIIn)

intermediate nucleus thalamus [Cajal], *see* ventral medial nucleus

intermediate olfactory nucleus, *see* olfactory tubercle

intermediate periventricular nucleus hypothalamus (PVi) **26-31**

intermediodorsal nucleus thalamus (IMD) **28-33**

intermediolateral column spinal cord (IML)

intermediolateral visual area (VISli) **41-44**

intermediomedial column spinal cord (IMM)

internal arcuate fibers (iaf)

internal capsule [Burdach](int) **18-30**

internal medullary lamina thalamus [Burdach](im) **32-33**

internal nucleus thalamus [Burdach], *see* mediodorsal nucleus

internal preolivary nucleus [Cajal], *see* medial periolivary nucleus

interpeduncular nucleus [Gudden](IPN) **39-43**

interpeduncular nucleus, apical subnucleus (IPNa) **43**

interpeduncular nucleus, central subnucleus (IPNc) **39-43**

interpeduncular nucleus, dorsomedial subnucleus (IPNd) **40-43**

interpeduncular nucleus, intermediate subnucleus (IPNi) **40-43**

interpeduncular nucleus, lateral subnucleus (IPNl) **39-43**

interpeduncular nucleus, lateral subnucleus, dorsal part (IPNld) **40-43**

interpeduncular nucleus, lateral subnucleus, intermediate part (IPNli) **40-43**

interpeduncular nucleus, lateral subnucleus, rostral part (IPNlr) **39**

interpeduncular nucleus, lateral subnucleus, ventral part (IPNlv) **40-43**

interpeduncular nucleus, rostral subnucleus (IPNr) **39-42**

interposed nucleus (IP) **54-59**

interposed nucleus, parvicellular part (IPp) **57-59**

interstitial nucleus [Bechterew 1897], *see* nucleus of Darkschewitsch

interstitial nucleus auditory nerve (IAN) **51-53**

interstitial nucleus of Cajal (INC) **37-39**

interstitial nucleus of Forel's commissure [Brown], *see* ventral tegmental area

interstitial nucleus of the medial longitudinal fascicle [Boyce 1895], *see* interstitial nucleus of Cajal

interstitial nucleus of the solitary tract, *see* nucleus of the solitary tract, lateral part

interstitial nucleus of the spinal cord [Cajal], *see* reticular nucleus of the spinal cord

interstitial nucleus of the temporal cortex projection pathway [Cajal], *see* bed nucleus of the stria terminalis

interstitial nucleus vestibular nerve (INV)

interstitial system of the spinal trigeminal tract, *see* paratrigeminal nucleus

interthalamic adhesion, *see* midline nuclei, dorsal thalamus

interthalamic commissure, *see* middle thalamic commissure

intertrigeminal nucleus, *see* motor nucleus of the trigeminal, parvicellular part

interventricular foramen [Monro](IVF) **22**

intracentral fissure 2 (ice2) **51**

intraculminate fissure 1 (icu1) **51-55**

intralaminar nuclei, dorsal thalamus (ILM)

intraparafloccular fissure (ipf) **57-61**

intraventricular nucleus of the corpus striatum, *see* caudate nucleus

involuntary nervous system [Gaskell 1886], *see* autonomic nervous system

island of Reil, *see* insular region

islands of Calleja (olfactory tubercle)(isl) **10-18**

isocortex (ISO) **4-49**

isocortex, deep supragranular pyramidal layer (ISO3) **4-48**

isocortex, granular layer (ISO4) **4-48**

isocortex, infragranular pyramidal layer (ISO5) **4-48**

isocortex, molecular layer (ISO1) **4-49**

isocortex, polymorph layer (ISO6) **4-47**

isocortex, superficial supragranular pyramidal layer (ISO2) **4-49**

jugular ganglion, *see* proximal vagal ganglion

juxtaolivary nucleus [Cajal], *see* dorsal accessory olive

juxtarestiform body (jrb)

Kölliker-Fuse subnucleus (of PB)(KF) **47-49**

lacuna cerebri [Mondino], *see* infundibulum, pituitary

lacunar [Vieussens], *see* middle thalamic commissure, massa intermedia

lambdoid septal zone [Paxinos-Watson], *see* medial septal nucleus

lamina cornea, *see* stria terminalis

lamina cornea [Burdach], *see* external medullary lamina, reticular nucleus thalamus

lamina I (spinal cord), *see* marginal zone of the spinal cord

lateral accessory olive, *see* dorsal accessory olive

lateral acoustic tubercle, *see* dorsal cochlear nucleus

lateral aperture, fourth ventricle [Luschka](LAP) **49-61**

lateral cerebellar nucleus, *see* dentate nucleus

lateral cerebellar peduncle [Reil], *see* middle cerebellar peduncle

lateral cervical nucleus [Rexed, Brodal](LCN)

lateral cervical nucleus, trigeminal extension [Gobel et al. 1977], *see* paratrigeminal nucleus

lateral (white) column [Stilling 1846], *see* lateral funiculus

lateral dorsal nucleus thalamus (LD) **26-31**

lateral fillet, *see* lateral lemniscus

lateral forebrain bundle (lfb)

lateral forebrain bundle system (lfbs)

lateral geniculate complex [Santorini](LG) **31-37**

lateral geniculate complex, dorsal part (LGd) **31-37**

lateral geniculate complex, intergeniculate leaflet (IGL) **34-36**

lateral geniculate complex, ventral part [Kölliker](LGv) **32-36**

lateral geniculate complex, ventral part, lateral zone (LGvl) **32-36**

lateral geniculate complex, ventral part, medial zone (LGvm) **33-36**

lateral habenula [Nissl](LH) **27-33**

lateral hypothalamic area [Nissl 1913](LHA) **22-34**

lateral lemniscus [Reil](ll) **44-48**

lateral mammillary nucleus [Gudden](LM) **34-35**

lateral nuclei, dorsal thalamus (LAT)

lateral nucleus amygdala (LA) **25-32**

lateral nucleus of the medulla, *see* lateral reticular nucleus

lateral oculomotor nucleus, *see* abducens nucleus

lateral olfactory nucleus, *see* piriform area

lateral olfactory tract (lot) **3-25**

lateral olfactory tract, dorsal limb (lotd) **2, 3**

lateral posterior nucleus thalamus (LP) **30-38**

lateral preolivary nucleus, *see* superior olivary complex, periolivary region

lateral preoptic area (LPO) **15-21**

lateral reticular nucleus (LRN) **64-72**

lateral reticular nucleus, magnocellular part (LRNm) **64-71**

lateral reticular nucleus, parvicellular part (LRNp) **67-72**

lateral septal complex [Risold-Swanson 1997](LSX)

lateral septal nucleus [Cajal](LS) **10-21**

lateral septal nucleus, caudal (caudodorsal) part (LSc) **12-21**

lateral septal nucleus, caudal part, dorsal zone (LSc.d) **12-21**

lateral septal nucleus, caudal part, dorsal zone, dorsal region (LSc.d.d) **16-20**

lateral septal nucleus, caudal part, dorsal zone, lateral region (LSc.d.l) **18-20**

lateral septal nucleus, caudal part, dorsal zone, rostral region (LSc.d.r) **12-17**

lateral septal nucleus, caudal part, dorsal zone, ventral region (LSc.d.v) **18-20**

lateral septal nucleus, caudal part, ventral zone (LSc.v) **15-20**

lateral septal nucleus, caudal part, ventral zone, intermediate region (LSc.v.i) **18-20**

lateral septal nucleus, caudal part, ventral zone, lateral region (LSc.v.l) **15-20**

lateral septal nucleus, caudal part, ventral zone, lateral region, dorsal domain (LSc.v.l.d) **16-20**

lateral septal nucleus, caudal part, ventral zone, lateral region, ventral domain (LSc.v.l.v) **18-20**

lateral septal nucleus, caudal part, ventral zone, medial region (LSc.v.m) **18-20**

lateral septal nucleus, caudal part, ventral zone, medial region, dorsal domain (LSc.v.m.d) **18-19**

lateral septal nucleus, caudal part, ventral zone, medial region, ventral domain (LSc.v.m.v) **18-19**

lateral septal nucleus, rostral (rostroventral) part (LSr) **10-19**

lateral septal nucleus, rostral part, dorsolateral zone (LSr.dl) **14-17**

lateral septal nucleus, rostral part, dorsolateral zone, lateral region (LSr.dl.l) **14-17**

lateral septal nucleus, rostral part, dorsolateral zone, lateral region, dorsal domain (LSr.dl.l.d) **14-17**

lateral septal nucleus,, rostral part, dorsolateral zone, lateral region, ventral domain (LSr.dl.l.v)

16-17

lateral septal nucleus, rostral part, dorsolateral zone, medial region (LSr.dl.m) **15-17**

lateral septal nucleus, rostral part, dorsolateral zone, medial region, dorsal domain (LSr.dl.m.d)

15-17

lateral septal nucleus, rostral part, dorsolateral zone, medial region, ventral domain (LSr.dl.m.v)

16-17

lateral septal nucleus, rostral part, medial zone (LSr.m) **12-19**

lateral septal nucleus, rostral part, medial zone, dorsal region (LSr.m.d) **15-17**

lateral septal nucleus, rostral part, medial zone, ventral region (LSr.m.v) **15-19**

lateral septal nucleus, rostral part, medial zone, ventral region, caudal domain (LSr.m.v.c) **18-19**

lateral septal nucleus, rostral part, medial zone, ventral region, rostral domain (LSr.m.v.r) **15-17**

lateral septal nucleus, rostral part, ventrolateral zone (LSr.vl) **11-18**

lateral septal nucleus, rostral part, ventrolateral zone, dorsal region (LSr.vl.d) **11-15**

lateral septal nucleus, rostral part, ventrolateral zone, dorsal region, lateral domain (LSr.vl.d.l)

11-15

lateral septal nucleus, rostral part, ventrolateral zone, dorsal region, medial domain (LSr.vl.d.)

11-15

lateral septal nucleus, rostral part, ventrolateral zone, ventral region (LSr.vl.v) **16-18**

lateral septal nucleus, ventral part (LSv) **18-20**

lateral spinal nucleus (LSN)

lateral spinothalamic tract (sttl)

lateral tegmental nucleus [here](LTN) **49**

lateral terminal nucleus accessory optic tract (LT) **37**

lingula (I) (LING) **51-57**

Lissauer's zone, *see* dorsolateral fascicle

little buttocks [Galen], *see* tectum

locus coeruleus [Vicq d'Azyr](LC) **49-52**

locus niger, crurum cerebri [Vic d'Azyr], *see* substantia nigra

lumbar spinal ganglia, 1-6 (G-L1-6)

lumbar sympathetic ganglia, 1-6 (Gs-L1-6)

lumbosacral plexus (lsp)

lymphatic system 16

lyra [David], *see* hippocampal commissures

lyre [Galen], *see* fornix system

magnocellular nucleus hypothalamus [Loo], *see* paraventricular nucleus hypothalamus

magnocellular nucleus medulla, *see* nucleus ambiguus

magnocellular nucleus thalamus [Cajal], *see* anterodorsal nucleus

magnocellular preoptic nucleus [Loo](MA) **16-23**

magnocellular reticular nucleus [Berman](MARN) **55-65**

magnocellular reticular nucleus [Kölliker], *see* gigantocellular reticular nucleus

magnocellular reticular nucleus, dorsal part [Cajal], *see* gigantocellular reticular nucleus

magnocellular reticular nucleus, ventral part [Cajal], *see* magnocellular reticular nucleus

magnocellular vestibular nucleus, *see* lateral vestibular nucleus

main olfactory bulb [Soemmerring](MOB) **1-4**

main olfactory bulb, glomerular layer (MOBgl) **1-4**

main olfactory bulb, granule cell layer (MOBgr) **1-4**

nucleus ependymalis [Winkler-Potter], *see* paraventricular nucleus thalamus

nucleus gelatinosa [Krieg], *see* submedial nucleus

nucleus incertus [Streeter](NI) **50-52**

nucleus incertus, compact part [here](NIc) **50-52**

nucleus incertus, diffuse part [here](NId) **50-52**

nucleus innominata [Clarke], *see* nucleus ambiguus

nucleus innominatus [Bechterew], *see* mesencephalic reticular nucleus

nucleus intercalatus [Staderini](NIS) **64-65**

nucleus interstitialis tegmenti [Rioch 1929], *see* interstitial nucleus of Cajal

nucleus isthmi [Clark], *see* parabigeminal nucleus

nucleus K, *see* motor nucleus of the trigeminal nerve, parvicellular part

nucleus lateralis medius, *see* nucleus ambiguus

nucleus lateralis superior [Flechsig], *see* mesencephalic reticular nucleus

nucleus minimus [Monakow], *see* red nucleus

nucleus of Bechterew, *see* superior vestibular nucleus

nucleus of Darkschewitsch [Cajal](ND) **36-41**

nucleus of Darkschewitsch [Bernheim, Lewandowsky, Panegrossi], *see* interstitial nucleus of Cajal

nucleus of Darkschewitsch [Darkschewitsch], *see* nucleus of Darkschewitsch and interstitial nucleus of Cajal

nucleus of Roller (NR) **64-67**

nucleus of the accessory spinal nerve (XI)

nucleus of the ansa lenticularis, *see* substantia innominata

nucleus of the ansa peduncularis [Meynert], *see* substantia innominata, nucleus of the diagonal band, magnocellular preoptic nucleus

nucleus of the basal optic root [Gillilan 1941], *see* medial terminal nucleus of the accessory optic root

nucleus of the bulbocavernosus (NBC)

nucleus of the diagonal band [Broca](NDB) **13-22**

nucleus of the horizontal limb of the diagonal band [Price-Powell], *see* magnocellular preoptic nucleus

nucleus of the internal capsule [Cajal], *see* zona incerta (rostral) and perifornical zone of the lateral hypothalamic area

nucleus of the lateral funiculus [Cajal], *see* lateral reticular nucleus

nucleus of the lateral lemniscus [Bechterew](NLL) **43-48**

nucleus of the lateral olfactory tract [Ganser](NLOT) **22-25**

nucleus of the lateral olfactory tract, dorsal cap (NLOT3) **22-24**

nucleus of the lateral olfactory tract, molecular layer (NLOT1) **22-25**

nucleus of the lateral olfactory tract, pyramidal layer (NLOT2) **22-25**

nucleus of the mammillary peduncle [Papez], *see* ventral tegmental area

nucleus of the medial (posterior) longitudinal fascicle, *see* nucleus of Darkschewitsch

nucleus of the optic tract (NOT) **36-38**

nucleus of the posterior commissure (NPC) **34-36**

nucleus of the posterior commissure [Darkschewitsch], *see* nucleus of Darkschewitsch

nucleus of the posterior commissure [Kölliker], *see* interstitial nucleus of Cajal

nucleus of the solitary tract (NTS) **58-73**

nucleus of the solitary tract, central part (NTSce) **65-68**

nucleus of the solitary tract, commissural part [Cajal](NTSco) **69-73**

nucleus of the solitary tract, dorsolateral part, *see* parasolitary nucleus

nucleus of the solitary tract, gelatinous part (NTSge) **68-69**

nucleus of the solitary tract, lateral part (NTSl) **63-73**

nucleus of the solitary tract, medial part (NTSm) **58-72**

nucleus of the taenia semicircularis [Cajal], *see* bed nuclei of the stria terminalis

nucleus of the tectal (bigeminal) optic tract [Cajal], *see* nucleus of the optic tract

nucleus of the tractus peduncularis transversus [Bechterew 1894], *see* medial terminal nucleus of the accessory optic tract

nucleus of the trapezoid body (NTB) **48-53**

nucleus of the tuber cinereum [Ganser], *see* ventromedial nucleus

nucleus opticus tegmenti [Tsai], *see* medial terminal nucleus of the accessory optic tract

nucleus peripeduncularis lateralis [Jacobsohn], *see* nucleus of the brachium of the inferior colliculus

nucleus pigmentosis pontis [Jacobsohn], *see* locus coeruleus

nucleus prepositus [Marburg](PRP) **55-63**

nucleus proprius of the spinal cord (NP)

nucleus raphe dorsalis thalamus [Clark], *see* paraventricular nucleus thalamus

nucleus raphé magnus (RM) **49-56**

nucleus raphé obscurus (RO) **60-71**

nucleus raphé pallidus (RPA) **52-72**

nucleus raphé pontis (RPO) **49-51**

olfactory ganglion or lobe, *see* olfactory bulb

olfactory nerve (In)

olfactory projection pathway [Cajal], *see* medial forebrain bundle

olfactory radiations [Dejerine], *see* medial forebrain bundle

olfactory tubercle [Ganser](OT) **9-20**

olfactory tubercle, molecular layer (OT1) **9-20**

olfactory tubercle, polymorph layer (OT3) **9-20**

olfactory tubercle, pyramidal layer (OT2) **9-20**

olfactory ventricle, *see* rhinocele

olivary pretectal nucleus (OP) **34-37**

olivocerebellar tract (oct)

olivospinal tract [Helweg], *see* spino-olivary pathway; reticulospinal tract

Onuf's nucleus (ON)

ophthalmic ganglion, *see* ciliary ganglion

optic chiasm [Rufus of Ephesus](och) **15-20**

optic nerve [Alcmaeon](IIn) **5-14**

optic tectum, *see* superior colliculus

optic thalamus [Riolan], *see* interbrain

optic tract (opt) **21-39**

optic tubercle [Gall-Spurzheim], *see* superior colliculus

orbicular prominences [Willis], *see* tectum

orbital area (ORB) **4-9**

orbital area, lateral part (ORBl) **4-8**

orbital area, medial part (ORBm) **4-7**

orbital area, ventral part (ORBv) **4-9**

orbital area, ventrolateral part (ORBvl) **4-9**

otic ganglion [Arnold](GoIX)

outer part of the great brain ganglion [Reil], *see* lentiform nucleus

oval nucleus [Gurdjian], *see* suprachiasmatic nucleus

ovoid nucleus of the lateral geniculate body, *see* lateral geniculate complex, ventral part

ovoid nucleus thalamus [Cajal], *see* submedial nucleus

paleocortex, *see* olfactory cortex

paleostriatum, *see* pallidum

pallidotegmental fascicle (ptf)

pallidothalamic pathway (pap)

pallidum [Vogt-Vogt 1920](PAL)

pallium [Burdach](PALL), *see* cerebral cortex

parabigeminal nucleus [Bechterew](PBG) **42-44**

parabrachial nucleus (PB) **47-51**

parabrachial nucleus, central lateral part (PBlc) **47-51**

parabrachial nucleus, dorsal lateral part (PBld) **48-49**

parabrachial nucleus, external lateral part (PBle) **47-50**

parabrachial nucleus, external medial part (PBme) **50**

parabrachial nucleus, extreme lateral part (PBlex)

parabrachial nucleus, internal lateral part (PBli)

parabrachial nucleus, lateral division (PBl) **47-51**

posterior cerebral ganglion [Gall-Spurzheim], *see* thalamus

posterior (white) column [Stilling 1846], *see* dorsal funiculus

posterior commissure [Lieutaud] (pc) **34-37**

posterior complex thalamus (PO) **30-36**

posterior extremity, spinal cord [Vic d'Azyr 1784], *see* dorsal horn

posterior gray commissure, spinal cord [Stilling 1842], *see* central gray

posterior horn, *see* dorsal horn

posterior hypothalamic decussation [Kölliker], *see* ventral tegmental decussation

posterior hypothalamic nucleus (PH) **29-36**

posterior lemniscus, *see* medial lemniscus

posterior limiting nucleus thalamus (POL) **37-38**

posterior lobe cerebellum (PLC)

posterior longitudinal fascicle, *see* medial longitudinal fascicle

posterior medullary vellum [Reil], *see* caudal medullary velum

posterior nucleus amygdala (PA) **30-36**

posterior nucleus of the thalamus [Kölliker], *see* pretectal region

posterior nucleus of the thalamus [Luys], *see* pulvinar nucleus

posterior nucleus of the tuber cinereum [Cajal], *see* premammillary nuclei

posterior or superior temporal cortex [Cajal], *see* medial entorhinal area

posterior perforated substance, *see* interpeduncular nucleus

posterior periventricular nucleus hypothalamus (PVp) **31-35**

posterior pillar of the trigone, *see* fimbria

posterior pretectal nucleus (PPT) **37-38**

posterior pyramid [Gall-Spurzheim], *see* inferior cerebellar peduncle

posterior quadrigeminal tubercle, *see* inferior colliculus

posterior septal complex (PSC) **18-27**

posterior striated body [Gall-Spurzheim], *see* thalamus

posterior superior fissure (psf) **50-67**

posterior ventricle [Galen], *see* fourth ventricle

posterior vesicular column [Clarke 1851], *see* dorsal nucleus of the spinal cord

posterodorsal intraculminate fissure (icupd) **55**

posterodorsal preoptic nucleus (PD) **21**

posterolateral accessory horn [Reichert], *see* cuneate nucleus

posterolateral fissure (plf) **50-55**, **61-65**

posterolateral nucleus of the thalamus [Nissl], *see* pretectal region

posterolateral visual area (VISpl) **45-47**

posteromedial accessory horn [Reichert], *see* gracile nucleus

posteromedial visual area (VISpm) **40-48**

postoptic commissures, decussations, *see* supraoptic commissures

postpiriform transition area (TR) **32-38**

postpyramidal nucleus [Clarke], *see* gracile nucleus

postpyramidal nucleus of the raphé [Cajal], *see* nucleus raphé pallidus

postsubiculum, layers 1-6 (POST1-6) **39-46**

prebigeminal nucleus, *see* pretectal region

precallosal nucleus [Cajal], *see* prelimbic area

precentral fissure (pce) **49-53**

precentral fissure a (pcea) **51-53**

precentral fissure b (pceb)

precommissural area (nucleus) [Cajal], *see* presubiculum

precommissural body [Elliot Smith], *see* septal region

precommissural fornix [Elliot Smith](fxpr) **18-21**

precommissural nucleus, periaqueductal gray [Paxinos-Watson](PRC) **34-35**

preculminate fissure (pcf) **49-56**

predorsal bundle [Edinger], *see* crossed tectospinal pathway

prefrontal region (PFR)

prelimbic area (PL) **4-10**

preolivary nucleus [Cajal], *see* superior olivary complex, periolivary region

preoptic level, hypothalamus [Edinger](PRO)

preoptic periventricular nucleus (PVpo) **20-22**

preoptic periventricular nucleus [Loo], *see* suprachiasmatic nucleus

prepeduncle, *see* superior cerebellar peduncle

prepyramidal fissure (ppf) **59-70**

prepyramidal nucleus, *see* pontine gray

presubiculum, layers 1-6 [Cajal](PRE1-6) **40-45**

pretectal region [Edinger](PRT) **34-38**

prevertebral sympathetic ganglia (GPRS)

primary auditory area (AUDp) **30-39**

primary fissure (pri) **49-60**

primary motor area (MOp) **5-31**

restiform body [Ridley], *see* inferior cerebellar peduncle

restiform nucleus [Clarke], *see* cuneate nucleus

reticular formation [Deiters], *see* reticular nucleus of the spinal cord, brainstem reticular formation

reticular formation, brainstem (RET)

reticular nucleus, spinal cord (RS)

reticular nucleus thalamus [Arnold](RT) **23-33**

reticular process, *see* reticular nucleus of the spinal cord

reticular process [Lenhossék the Elder], *see* reticular nucleus of the spinal cord, brainstem reticular formation

reticulocerebellar tract (rct)

reticulospinal tract (rst)

reticulospinal tract, lateral part (rstl)

reticulospinal tract, medial part (rstm)

reticulospinal tract, medullary part, *see* reticulospinal tract, lateral part

reticulospinal tract, pontine part, *see* reticulospinal tract, medial part

retina (R)

retina, ganglion cell layer (Rgcl)

retina, inner nuclear layer (Rinl)

retina, inner plexiform layer (Ripl)

retina, outer nuclear layer (Ronl)

retina, outer plexiform layer (Ropl)

retroambiguus nucleus, *see* nucleus ambiguus

striae medullares (brainstem) [Piccolomini], *see* dorsal acoustic stria

stria medullaris [Wenzel-Wenzel](sm) **22-33**

stria pinealis, *see* stria medullaris

stria semicircularis, *see* stria terminalis

stria terminalis [Wenzel-Wenzel](st) **20-34**

stria thalami, *see* stria medullaris

striate area, *see* primary visual area

striatonigral pathway (snp)

striatum [Vogt-Vogt 1920](STR)

subarachnoid space 16

subbrachial nucleus, *see* nucleus brachium inferior colliculus

subcoeruleus nucleus (SLC) **51**

subcommissural nucleus [Ziehen], *see* paraventricular nucleus hypothalamus

subcommissural organ (SCO) **34-37**

subependymal zone (SEZ) **1-24**

subfornical organ [Pines](SFO) **22-23**

subiculum [Burdach], *see* retrohippocampal region

subiculum (SUB) **32-43**

subiculum, dorsal part (SUBd) **36-40**

subiculum, dorsal part, molecular layer (SUBd-m) **36-40**

subiculum, dorsal part, pyramidal layer (SUBd-sp) **36-40**

subiculum, dorsal part, stratum radiatum (SUBd-sr) **36-40**

subiculum, ventral part (SUBv) **32-43**

subiculum, ventral part, molecular layer (SUBv-m) **32-43**

subiculum, ventral part, pyramidal layer (SUBv-sp) **32-43**

subiculum, ventral part, stratum radiatum (SUBv-sr) **32-43**

sublaterodorsal nucleus (SLD) **47-50**

sublingual nucleus, *see* nucleus of Roller

submammillothalamic nucleus, *see* supramammillary nucleus, lateral part

submandibular ganglion [Meckel the elder](GsVII)

submaxillary ganglion, *see* submandibular ganglion

submedial nucleus thalamus (SMT) **27-31**

submucosal plexus [Meissner](smp)

subparafascicular nucleus thalamus (SPF) **32-38**

subparafascicular nucleus thalamus, magnocellular part (SPFm) **32-33**

subparafascicular nucleus thalamus, parvicellular part (SPFp) **34-38**

subparaventricular zone hypothalamus (SBPV) **24-26**

subrotunda corpora alba [Vieussens], *see* anterior thalamic nuclei

substantia cinerea [Tarin], *see* dentate gyrus

substantia ferruginea [Meynert], *see* locus coeruleus

substantia ferruginea, cerebelli or superior, *see* fastigial nucleus

substantia gelatinosa centralis, *see* central gray, spinal cord

substantia gelatinosa of the medulla, *see* spinal nucleus of the trigeminal nerve

substantia gelatinosa of the trigeminal nerve [Cajal], *see* spinal nucleus of the trigeminal nerve

substantia gelatinosa spinal cord [Rolando](SGE)

substantia gliosa paracochlearis [Meessen-Olszewski], *see* granular lamina of the cochlear nuclei

superior colliculus, optic layer (SCop) **38-45**

superior colliculus, superficial gray layer (SCsg) **38-45**

superior colliculus, zonal layer (SCzo) **38-45**

superior commissure [Osborn], *see* habenular commissure

superior corpus bigeminum, *see* superior colliculus

superior fillet or lemniscus, *see* medial lemniscus

superior ganglion, *see* proximal glossopharyngeal ganglion

superior glossopharyngeal ganglion, *see* proximal glossopharyngeal ganglion

superior masticator nucleus, *see* mesencephalic nucleus of the trigeminal nerve

superior mesenteric ganglia (GSM)

superior (motor) nucleus of the trigeminal nerve, *see* mesencephalic nucleus of the trigeminal nerve

superior nucleus of the hypothalamus [Cajal], *see* dorsomedial nucleus hypothalamus

superior nucleus of the lateral lemniscus [Cajal], *see* dorsal nucleus of the lateral lemniscus

superior olivary complex [Schroeder van der Kolk](SOC) **49-52**

superior olivary complex, lateral part (SOCl) **50-52**

superior olivary complex, medial part (SOCm) **49-52**

superior olive [Luys], *see* red nucleus

superior parolivary nucleus, *see* superior olivary complex, medial part

superior periolivary nucleus, *see* periolivary region

superior petrosal ganglion, *see* proximal glossopharyngeal ganglion

superior raphé nucleus, thalamus [Cajal], *see* paraventricular nucleus

superior salivatory nucleus (SSN) **52-57**

tectospinal pathway, crossed [Edinger](tspc)

tectospinal pathway, direct (tspd)

tectothalamic pathway (ttp)

tectum (TC)

tegmental nucleus, *see* red nucleus

tegmental reticular nucleus, pontine gray [Bechterew](TRN) **44-51**

tegmental tract of Gudden, *see* mammillothalamic tract

tegmentum (TG)

telencephalon [His 1893](TL), *see* endbrain

temporal olfactory cortex [Cajal], *see* piriform area (caudal part)

temporal pole (TEP)[Broca 1878] **31**

temporal region (TE)

terete hypothalamic nucleus [Paxinos-Watson], *see* tuberal nucleus, lateral condensation

terminal ganglion (GTE)

terminal nerve [Fritsch, Locy](tn)

testes [Galen], *see* inferior colliculus

testudo [Vesalius], *see* fornix

thalamencephalon, *see* interbrain

thalamic commissure, *see* middle thalamic commissure

thalamic peduncles (tp) **27**

thalamus [Galen], *see* inferior horns, lateral ventricles

thalamus [Reil], *see* interbrain

thalamus (TH) **22-39**

trigeminal ganglion [Vieussens, Gasser](GV)

trigeminal nerve (Vn) **44-50**

trigeminal nerve, portio major, *see* trigeminal nerve, sensory root

trigeminal nerve, portio minor, *see* trigeminal nerve, motor root

trigeminocerebellar tract (tct)

trigone, *see* fornix

trigonum lemnisci [Haller], *see* lateral lemniscus

trisplanchnic nervous system, *see* autonomic nervous system

trochlear nerve [Fallopius](IVn) **45-49**

trochlear nucleus (IV) **44**

tuber annulare [Gall-Spurzheim], *see* pons

tuberal area, hypothalamus (TUA)

tuberal level, hypothalamus (TUB)

tuberal magnocellular nucleus, *see* tuberomammillary nucleus, dorsal part

tuberal nucleus [Ganser], *see* ventromedial nucleus

tuberal nucleus [Malone 1910] **26-31**

tuber annulare [Vic d'Azyr], *see* pons

tuber cinereum [Soemmerring], *see* hypothalamus

tubercules pisiformes, *see* mammillary complex

tuberculum quoddam instar leneae [Vesalius], *see* fornix (body)

tuberomammillary nucleus (TM) **32-36**

tuberomammillary nucleus, dorsal part (TMd) **32**

tuberomammillary nucleus, ventral part (TMv) **33-36**

ventral commissure of the spinal cord (vc)

ventral hippocampal commissure (vhc) **21-26**

ventral horn spinal cord (VH) **73**

ventral medial nucleus thalamus (VM) **27-32**

ventral motor nucleus of the vagus nerve, *see* nucleus ambiguus

ventral nuclei, dorsal thalamus (VENT)

ventral nucleus of the abducens nerve [van Gehuchten], *see* accessory abducens nucleus

ventral nucleus of the glossopharyngeal nerve, *see* nucleus ambiguus

ventral nucleus of the lateral lemniscus, *see* nucleus of the lateral lemniscus

ventral pallidum [Heimer], *see* substantia innominata

ventral posterior complex thalamus (VP) **27-35**

ventral posterolateral nucleus thalamus (VPL) **27-34**

ventral posterolateral nucleus thalamus, parvicellular part (VPLpc) **32-33**

ventral posteromedial nucleus thalamus (VPM) **28-35**

ventral posteromedial nucleus thalamus, parvicellular part (VPMpc) **32-33**

ventral premammillary nucleus (PMv) **32-33**

ventral prepyramidal nucleus [Kölliker], *see* pontine gray

ventral psalterium, *see* ventral hippocampal commissure

ventral roots [Coiter](vrt)

ventral spinocerebellar tract [Gowers](sctv) **45-70**

ventral spinothalamic tract (sttv)

ventral striatum [Heimer], *see* fundus of the striatum; nucleus accumbens; olfactory tubercle

ventral tegmental area [Tsai](VTA) **34-43**