

















































































































































































































































































telencephalon  PARTONOMY LIST



| FMA                    | TA  | UID   | Short official Latin term  | Short English equivalent   |
|------------------------|---|-------|--|--|
| <a href="#">62000</a>  |    | 5264  | telencephalon  ; cerebrum    | telencephalon  ; brain   |
|                        |   | 12095 | morphologia externa telencephali   | external morphology of telencephalon   |
| <a href="#">83727</a>  |    | 5976  | fissura longitudinalis cerebri    | longitudinal cerebral fissure   |
| <a href="#">61817</a>  |    | 5971↓ | hemispherium cerebri (par)    | cerebral hemisphere (pair)    |
| <a href="#">83874</a>  |    | 5973  | gyri cerebri (par)    | cerebral gyri (pair)    |
| <a href="#">327491</a> |    | 5975  | sulci cerebri (par)   | cerebral sulci (pair)   |
| <a href="#">84361</a>  |    | 5978  | fossa lateralis cerebri (par)   | lateral cerebral fossa (pair)   |
|                        |   | 14197 | vallecula cerebri (par)   | cerebral vallecula (pair)   |
| <a href="#">75140</a>  |    | 5979  | margo superior (par)    | superior margin (pair)    |
| <a href="#">75141</a>  |    | 5980  | margo inferomedialis (par)    | inferomedial margin (pair)    |
| <a href="#">75142</a>  |    | 5981  | margo inferolateralis (par)   | inferolateral margin (pair)   |
|                        |    | 5982  | facies superolateralis (par)    | superolateral surface (pair)    |
|                        |    | 6037  | facies inferomedialis (par)   | inferomedial surface (pair)   |
|                        |   | 12438 | gyri interlobares (par)   | interlobar gyri (pair)    |
|                        |   | 12439 | operculum insulare (par)    | insular operculum (pair)    |
| <a href="#">74886</a>  |    | 5993  | operculum frontale (par)    | frontal operculum (pair)    |
| <a href="#">74889</a>  |    | 6007↓ | operculum parietale (par)   | parietal operculum (pair)   |
| <a href="#">74891</a>  |  | 6020↓ | operculum temporale (par)   | temporal operculum (pair)   |
| <a href="#">274737</a> |   | 8666↓ | gyrus subcentralis (par)    | subcentral gyrus (pair)   |
| <a href="#">77534</a>  |  | 6045  | lobulus paracentralis (par)   | paracentral lobule (pair)   |
| <a href="#">77537</a>  |  | 6046  | gyrus paracentralis anterior (par)    | anterior paracentral gyrus (pair)   |
|                        |   | 12237 | cortex motorius primarius (par)   | primary motor cortex (pair)   |
| <a href="#">77538</a>  |  | 6058  | gyrus paracentralis posterior (par)   | posterior paracentral gyrus (pair)    |
|                        |   | 13176 | sulci interlobares (par)    | interlobar sulci (pair)   |
|                        |  | 5983  | sulci interlobares superolaterales (par)    | superolateral interlobar sulci (pair)   |
| <a href="#">83752</a>  |  | 5984  | sulcus centralis (par)    | central sulcus (pair)   |
| <a href="#">77801</a>  |  | 5985  | sulcus lateralis (par)    | lateral sulcus (pair)   |
| <a href="#">83761</a>  |  | 5986  | ramus posterior (par)   | posterior branch (pair)   |
| <a href="#">83759</a>  |  | 5987  | ramus ascendens (par)   | ascending branch (pair)   |
| <a href="#">83760</a>  |  | 5988  | ramus anterior (par)    | anterior branch (pair)    |
| <a href="#">83754</a>  |  | 5989  | sulcus parietooccipitalis (par)   | parietooccipital sulcus (pair)    |
| <a href="#">83739</a>  |  | 5990  | incisura preoccipitalis (par)   | preoccipital notch (pair)   |
|                        |   | 9115  | sulci interlobares inferomediales (par)   | inferomedial interlobar sulci (pair)    |
| <a href="#">83743</a>  |  | 6038  | sulcus corporis callosi (par)   | sulcus of corpus callosum (pair)    |
| <a href="#">83748</a>  |  | 6039  | sulcus cingularis (par)  ; sulcus cinguli (par)   | cingulate sulcus (pair)  ; sulcus of cingulum (pair)  |
| <a href="#">83773</a>  |  | 6040  | ramus marginalis (par)  ; sulcus marginalis (par)                      | marginal branch (pair)  ; marginal sulcus (pair)                   |
| <a href="#">83777</a>  |  | 6041  | sulcus subparietalis (par)    | subparietal sulcus (pair)   |
| <a href="#">83751</a>  |  | 6042  | sulcus collateralis (par)  ; sulcus occipitotemporalis medialis (par)  | collateral sulcus (pair)  ; medial occipitotemporal sulcus (pair)  |
| <a href="#">83752</a>  |  | 5984  | sulcus centralis     | central sulcus     |
| <a href="#">61823</a>  |  | 5974  | lobi cerebri (par)    | cerebral lobes (pair)   |
| <a href="#">61824</a>  |  | 5991  | lobus frontalis (par)   | frontal lobe (pair)   |
|                        |   | 8658  | facies superolateralis (par)    | superolateral surface (pair)    |
|                        |   | 8659↓ | sulcus frontomarginalis (par)   | frontomarginal sulcus (pair)    |
| <a href="#">74885</a>  |   | 5992↓ |   |   |

|                        |  |        |   |  |
|------------------------|--|--------|---|--|
|                        |  |        | polus frontalis (par)                             | frontal pole (pair)                                |
| <a href="#">274406</a> |  | 11028  | area frontopolaris (par)                          | frontopolar area (pair)                            |
| <a href="#">274408</a> |  | 11029  | gyrus frontopolaris superior (par)                | superior frontopolar gyrus (pair)                  |
| <a href="#">274420</a> |  | 11032  | gyrus frontopolaris medius (par)                  | middle frontopolar gyrus (pair)                    |
| <a href="#">274414</a> |  | 11034  | gyrus frontopolaris inferior (par)                | inferior frontopolar gyrus (pair)                  |
| <a href="#">274504</a> |  | 11035  | gyrus frontomarginalis (par)                      | frontomarginal gyrus (pair)                        |
| <a href="#">74886</a>  |  | 5993   | operculum frontale                                | frontal operculum                                  |
| <a href="#">61860</a>  |  | 5994   | gyrus frontalis inferior (par)                    | inferior frontal gyrus (pair)                      |
| <a href="#">61982</a>  |  | 5995   | pars orbitalis (par)                              | orbital part (pair)                                |
| <a href="#">61980</a>  |  | 5996↓  | pars triangularis (par)                           | triangular part (pair)                             |
|                        |  | 11840  | sulcus radiatus (par)                             | radiate sulcus (pair)                              |
| <a href="#">61981</a>  |  | 5997   | pars opercularis (par)                            | opercular part (pair)                              |
| <a href="#">83758</a>  |  | 8780↓  | sulcus diagonalis (par)                           | diagonal sulcus (pair)                             |
| <a href="#">83757</a>  |  | 5998   | sulcus frontalis inferior (par)                   | inferior frontal sulcus (pair)                     |
| <a href="#">273103</a> |  | 5999   | gyrus frontalis medius (par)                      | middle frontal gyrus (pair)                        |
|                        |  | 8660   | cortex prefrontalis superolateralis (par)         | superolateral prefrontal cortex (pair)             |
|                        |  | 8661   | cortex prefrontalis dorsolateralis (par)          | dorsolateral prefrontal cortex (pair)              |
|                        |  | 8662   | cortex prefrontalis ventrolateralis (par)         | ventrolateral prefrontal cortex (pair)             |
|                        |  | 8663↓  | cortex premotorius superolateralis (par)          | superolateral premotor cortex (pair)               |
|                        |  | 8664↓  | cortex premotorius dorsalis (par)                 | dorsal premotor cortex (pair)                      |
|                        |  | 8665↓  | cortex premotorius ventralis (par)                | ventral premotor cortex (pair)                     |
| <a href="#">61894</a>  |  | 6000   | gyrus precentralis (par)                          | precentral gyrus (pair)                            |
|                        |  | 12236  | cortex motorius primarius gyri precentralis (par) | primary motor cortex of precentral gyrus (pair)    |
| <a href="#">83800</a>  |  | 6001   | sulcus precentralis (par)                         | precentral sulcus (pair)                           |
| <a href="#">83765</a>  |  | 8667↓  | sulcus subcentralis anterior (par)                | anterior subcentral sulcus (pair)                  |
| <a href="#">83778</a>  |  | 8668↓  | sulcus subcentralis posterior (par)               | posterior subcentral sulcus (pair)                 |
| <a href="#">61857</a>  |  | 6002   | gyrus frontalis superior (par)                    | superior frontal gyrus (pair)                      |
| <a href="#">83755</a>  |  | 6003   | sulcus frontalis superior (par)                   | superior frontal sulcus (pair)                     |
|                        |  | 9118   | facies inferomedialis (par)                       | inferomedial surface (pair)                        |
| <a href="#">61857</a>  |  | 6002   | gyrus frontalis superior                          | superior frontal gyrus                             |
|                        |  | 12158↓ | sulcus paracingularis (par)                       | paracingulate sulcus (pair)                        |
|                        |  | 12159↓ | gyrus paracingularis (par)                        | paracingulate gyrus (pair)                         |
| <a href="#">83782</a>  |  | 6044   | sulcus paracentralis (par)                        | paracentral sulcus (pair)                          |
| <a href="#">77534</a>  |  | 6045   | lobulus paracentralis                             | paracentral lobule                                 |
| <a href="#">77537</a>  |  | 6046   | gyri paracentralis anterioris                     | anterior paracentral gyrus                         |
|                        |  | 12237  | cortex motorius primarius                         | primary motor cortex                               |
|                        |  | 8669   | cortex prefrontalis inferomedialis (par)          | inferomedial prefrontal cortex (pair)              |
|                        |  | 8670   | cortex prefrontalis medialis (par)                | medial prefrontal cortex (pair)                    |
|                        |  | 8671↓  | cortex premotorius inferomedialis (par)           | inferomedial premotor cortex (pair)                |
|                        |  | 8672↓  | cortex premotorius medialis (par)                 | medial premotor cortex (pair)                      |
| <a href="#">61890</a>  |  | 6047   | area subcallosa (par) ; gyrus subcallosus (par)   | subcallosal area (pair) ; subcallosal gyrus (pair) |
| <a href="#">61919</a>  |  | 6048   | gyrus paraterminalis (par)                        | paraterminal gyrus (pair)                          |
| <a href="#">61890</a>  |  | 6049   | area paraolfactoria (par)                         | paraolfactory area (pair)                          |
| <a href="#">72019</a>  |  | 6050   | gyrus paraolfactorius (par)                       | paraolfactory gyrus (pair)                         |
|                        |  | 6051   | sulci paraolfactorii (par)                        | paraolfactory sulci (pair)                         |
| <a href="#">83744</a>  |  | 8673   | sulcus paraolfactorius anterior (par)             | anterior paraolfactory sulcus (pair)               |

|   |        |  |  |
|---|--------|--|--|
| <a href="#">83745</a>   | 8674   | sulcus paraolfactorius posterior (par)   | posterior paraolfactory sulcus (pair)    |
| <a href="#">256194</a>   | 6052↓  | gyri orbitales (par)    | orbital gyri (pair)   |
| <a href="#">62419</a>   | 8675↓  | gyrus orbitalis medialis (par)    | medial orbital gyrus (pair)   |
| <a href="#">256196</a>  | 8676↓  | gyrus orbitalis anterior (par)    | anterior orbital gyrus (pair)   |
| <a href="#">80184</a>   | 8677↓  | gyrus orbitalis posterior (par)   | posterior orbital gyrus (pair)    |
| <a href="#">62418</a>   | 8678↓  | gyrus orbitalis lateralis (par)   | lateral orbital gyrus (pair)    |
|   | 12160↓ | lobulus orbitalis posteromedialis (par)   | posteromedial orbital lobule (pair)   |
|   | 12161↓ | regio orbitalis posterolateralis (par)    | posterolateral orbital region (pair)    |
| <a href="#">83770</a>    | 6053↓  | sulci orbitales (par)   | orbital sulci (pair)    |
|   | 8679↓  | sulcus orbitalis lateralis (par)    | lateral orbital sulcus (pair)   |
| <a href="#">83771</a>   | 8680↓  | sulcus orbitalis transversus (par)    | transverse orbital sulcus (pair)    |
|   | 8681↓  | sulcus orbitalis medialis (par)   | medial orbital sulcus (pair)    |
|   | 12162↓ | sulcus rostralis superior (par)   | superior rostral sulcus (pair)    |
|   | 12163↓ | sulcus rostralis inferior (par)   | inferior rostral sulcus (pair)    |
| <a href="#">61893</a>    | 6054   | gyrus rectus (par)    | straight gyrus (pair)   |
| <a href="#">83769</a>    | 6055   | sulcus olfactorius (par)    | olfactory sulcus (pair)   |
|   | 8682   | substantia perforata anterior (par)  ; substantia perforata rostralis (par)  | anterior perforated substance (pair)  ; rostral perforated substance (pair)    |
|   | 8683   | structurae olfactoriae (par)    | olfactory structures (pair)   |
| <a href="#">77624</a>    | 6195   | bulbus olfactorius (par)    | olfactory bulb (pair)   |
| <a href="#">77625</a>    | 6196   | pedunculus olfactorius (par)    | olfactory peduncle (pair)   |
| <a href="#">77626</a>   | 6197   | tractus olfactorius    | olfactory tract    |
| <a href="#">74883</a>  | 6198   | trigonum olfactorium (par)    | olfactory trigone (pair)    |
| <a href="#">61891</a>  | 6199   | tuberculum olfactorium     | olfactory tubercle     |
|   | 6200   | striae olfactoriae (par)    | olfactory striae (pair)   |
| <a href="#">77627</a>  | 6201   | stria olfactoria medialis (par)   | medial olfactory stria (pair)   |
| <a href="#">61971</a>  | 6202   | stria olfactoria lateralis (par)    | lateral olfactory stria (pair)    |
|   | 14202  | tractus olfactorius lateralis (par)   | lateral olfactory tract (pair)    |
|   | 8686↓  | regio retrobulbaris (par)   | retrobulbar region (pair)   |
|   | 8687   | cortex piriformis (par)  ; cortex olfactorius primarius (par)            | piriform cortex (pair)  ; primary olfactory cortex (pair)                  |
|   | 8689   | pars frontalis (par)    | frontal part (pair)   |
|   | 8690   | pars temporalis (par)   | temporal part (pair)    |
| <a href="#">61826</a>  | 6004   | lobus parietalis (par)    | parietal lobe (pair)   |
|   | 8698   | facies superolateralis (par)    | superolateral surface (pair)    |
| <a href="#">61896</a>  | 6009   | gyrus postcentralis (par)   | postcentral gyrus (pair)    |
|   | 12238  | cortex somatosensorius primarius gyri postcentralis (par)   | primary somatosensory cortex of postcentral gyrus (pair)    |
| <a href="#">83774</a>  | 6010   | sulcus postcentralis (par)    | postcentral sulcus (pair)   |
| <a href="#">61899</a>  | 6011↓  | lobulus parietalis superior (par)   | superior parietal lobule (pair)   |
| <a href="#">83772</a>  | 6008↓  | sulcus intraparietalis (par)    | intraparietal sulcus (pair)   |
|   | 8781↓  | sulcus intermedius primus (par)  ; sulcus intermedius anterior (par)     | first intermediate sulcus (pair)  ; anterior intermediate sulcus (pair)    |
|   | 8782↓  | sulcus intermedius secundus (par)  ; sulcus intermedius posterior (par)  | second intermediate sulcus (pair)  ; posterior intermediate sulcus (pair)  |
|   | 9122↓  | sulcus parietalis transversus    | transverse parietal sulcus     |
| <a href="#">77536</a>  | 6006↓  | lobulus parietalis inferior (par)   | inferior parietal lobule (pair)   |
| <a href="#">61898</a>  | 6005↓  | gyrus angularis (par)   | angular gyrus (pair)    |
| <a href="#">74889</a>  | 6007↓  | operculum parietale    | parietal operculum     |

|                        |   |       |   |  |
|------------------------|---|-------|---|--|
| <a href="#">61897</a>  |     | 6012↓ | gyrus supramarginalis (par) <sup>U</sup>  | supramarginal gyrus (pair) <sup>U</sup>  |
|                        |   | 9120  | facies inferomedialis (par) <sup>U</sup>  | inferomedial surface (pair) <sup>U</sup>   |
| <a href="#">77534</a>  |    | 6045  | lobulus paracentralis <sup>U</sup> <sup>C</sup>   | paracentral lobule <sup>U</sup> <sup>C</sup>   |
| <a href="#">77538</a>  |    | 6058  | gyrus paracentralis posterior <sup>U</sup> <sup>C</sup>   | posterior paracentral gyrus <sup>U</sup> <sup>C</sup>  |
|                        |   | 12239 | cortex somatosensorius primarius gyri paracentralis posterioris <sup>U</sup> <sup>C</sup>             | primary somatosensory cortex of posterior paracentral gyrus <sup>U</sup> <sup>C</sup>                |
|                        |   | 9122↓ | sulcus parietalis transversus (par) <sup>U</sup>  | transverse parietal sulcus (pair) <sup>U</sup>   |
| <a href="#">61900</a>  |    | 6059  | precuneus (par) <sup>U</sup>  | precuneus (pair) <sup>U</sup>  |
| <a href="#">83777</a>  |    | 6041  | sulcus subparietalis <sup>U</sup> <sup>C</sup>  | subparietal sulcus <sup>U</sup> <sup>C</sup>   |
| <a href="#">67325</a>  |    | 6013  | lobus occipitalis (par) <sup>U</sup>  | occipital lobe (pair) <sup>U</sup>   |
|                        |   | 8700  | facies superolateralis (par) <sup>U</sup>   | superolateral surface (pair) <sup>U</sup>  |
| <a href="#">74892</a>  |    | 6014  | polus occipitalis (par) <sup>U</sup>  | occipital pole (pair) <sup>U</sup>   |
| <a href="#">83788</a>  |    | 6015  | sulcus lunatus (par) <sup>U</sup>   | lunate sulcus (pair) <sup>U</sup>  |
| <a href="#">83786</a>  |    | 6016  | sulcus occipitalis transversus (par) <sup>U</sup>   | transverse occipital sulcus (pair) <sup>U</sup>  |
| <a href="#">61901</a>  |   | 8701  | gyrus occipitalis superior (par) <sup>U</sup>   | superior occipital gyrus (pair) <sup>U</sup>   |
| <a href="#">61902</a>  |   | 8702  | gyrus occipitalis medius (par) <sup>U</sup>   | middle occipital gyrus (pair) <sup>U</sup>   |
| <a href="#">273129</a> |   | 8703  | gyrus occipitalis inferior (par) <sup>U</sup>   | inferior occipital gyrus (pair) <sup>U</sup>   |
| <a href="#">274557</a> |   | 8691  | gyrus occipitalis descendens (par) <sup>U</sup>   | descending occipital gyrus (pair) <sup>U</sup>   |
|                        |   | 8692  | area striata superolateralis (par) <sup>U</sup>   | superolateral striate area (pair)  |
| <a href="#">68614</a>  |   | 9119  | cortex visualis primarius <sup>U</sup> ; area striata <sup>U</sup> <sup>C</sup>                       | primary visual cortex <sup>U</sup> ; striate area <sup>C</sup>                                       |
|                        |   | 8784  | area extrastriata superolateralis (par) <sup>U</sup>  | superolateral extrastriate area (pair)   |
|                        |   | 9125  | facies inferomedialis (par) <sup>U</sup>  | inferomedial surface (pair) <sup>U</sup>   |
| <a href="#">61903</a>  |  | 6060  | cuneus (par) <sup>U</sup>   | cuneus (pair) <sup>U</sup>   |
| <a href="#">83749</a>  |  | 6061  | sulcus calcarinus (par) <sup>U</sup>  | calcarine sulcus (pair) <sup>U</sup>   |
| <a href="#">61904</a>  |  | 6062  | gyrus lingualis (par) <sup>U</sup> ; gyrus occipitotemporalis medialis (par) <sup>U</sup>             | lingual gyrus (pair) <sup>U</sup> ; medial occipitotemporal gyrus (pair) <sup>U</sup>                |
| <a href="#">74518</a>  |  | 6065  | sulcus occipitotemporalis (par) <sup>U</sup> ; sulcus occipitotemporalis lateralis (par) <sup>U</sup> | occipitotemporal sulcus (pair) <sup>U</sup> ; lateral occipitotemporal sulcus (pair) <sup>U</sup>    |
|                        |   | 8704  | area striata inferomedialis (par) <sup>U</sup>  | inferomedial striate area (pair)   |
| <a href="#">68614</a>  |   | 9119  | cortex visualis primarius <sup>U</sup> ; area striata <sup>U</sup> <sup>C</sup>                       | primary visual cortex <sup>U</sup> ; striate area <sup>C</sup>                                       |
|                        |   | 8709  | area extrastriata inferomedialis (par) <sup>U</sup>   | inferomedial extrastriate area (pair)  |
| <a href="#">61825</a>  |  | 6017  | lobus temporalis (par) <sup>U</sup>   | temporal lobe (pair) <sup>U</sup>  |
|                        |   | 8705  | facies superolateralis (par) <sup>U</sup>   | superolateral surface (pair) <sup>U</sup>  |
| <a href="#">74890</a>  |  | 6018  | polus temporalis (par) <sup>U</sup>   | temporal pole (pair) <sup>U</sup>  |
| <a href="#">61905</a>  |  | 6019↓ | gyrus temporalis superior (par) <sup>U</sup>  | superior temporal gyrus (pair) <sup>U</sup>  |
|                        |   | 8706↓ | pars anterior (par) <sup>U</sup> ; cortex auditorius secundarius (par) <sup>U</sup>                   | anterior part (pair) <sup>U</sup> ; secondary auditory cortex (pair) <sup>U</sup> ; belt area (pair) |
|                        |   | 8708↓ | pars posterior (par) <sup>U</sup>   | posterior part (pair) <sup>U</sup>   |
| <a href="#">74891</a>  |  | 6020↓ | operculum temporale <sup>U</sup> <sup>C</sup>   | temporal operculum <sup>U</sup> <sup>C</sup>   |
| <a href="#">71043</a>  |   | 8710  | planum polare (par) <sup>U</sup>  | polar plane (pair) <sup>U</sup>  |
| <a href="#">273671</a> |  | 6021↓ | gyri temporales transversi (par) <sup>U</sup>   | transverse temporal gyri (pair) <sup>U</sup>   |
|                        |   | 12252 | cortex auditorius primarius (par) <sup>U</sup>  | primary auditory cortex (pair) <sup>U</sup> ; core area (pair)                                       |
| <a href="#">61909</a>  |  | 6022  | gyrus temporalis transversus anterior (par) <sup>U</sup>  | anterior transverse temporal gyrus (pair) <sup>U</sup>   |
| <a href="#">61910</a>  |  | 6023  | gyrus temporalis transversus posterior (par) <sup>U</sup>   | posterior transverse temporal gyrus (pair) <sup>U</sup>  |
| <a href="#">71045</a>  |  | 6024↓ | planum temporale (par) <sup>U</sup>   | temporal plane (pair) <sup>U</sup>   |
| <a href="#">83782</a>  |  | 6025  | sulci temporales transversi (par) <sup>U</sup>  | transverse temporal sulci (pair) <sup>U</sup>  |
|                        |   |       | sulcus temporalis transversus   | anterior transverse temporal sulcus  |

|                        |       |   |   |
|------------------------|-------|---|---|
|                        | 8711  | anterior (par)  | (pair)  |
|                        | 8712  | sulcus temporalis transversus intermedius (par)                   | intermediate transverse temporal sulcus (pair)                |
|                        | 8713  | sulcus temporalis transversus posterior (par)                     | posterior transverse temporal sulcus (pair)                   |
| <a href="#">83783</a>  | 6026  | sulcus temporalis superior (par)                                  | superior temporal sulcus (pair)                               |
| <a href="#">61906</a>  | 6027  | gyrus temporalis medius (par)                                     | middle temporal gyrus (pair)                                  |
| <a href="#">83784</a>  | 6028  | sulcus temporalis inferior (par)                                  | inferior temporal sulcus (pair)                               |
| <a href="#">61907</a>  | 6029↓ | gyrus temporalis inferior (par)                                   | inferior temporal gyrus (pair)                                |
|                        | 9129  | facies inferomedialis (par)                                       | inferomedial surface (pair)                                   |
| <a href="#">61907</a>  | 6029↓ | gyrus temporalis inferior   | inferior temporal gyrus                                       |
| <a href="#">74518</a>  | 6065  | sulcus occipitotemporalis ; sulcus occipitotemporalis lateralis   | occipitotemporal sulcus ; lateral occipitotemporal sulcus     |
| <a href="#">61908</a>  | 6063  | gyrus fusiformis (par) ; gyrus occipitotemporalis lateralis (par) | fusiform gyrus (pair) ; lateral occipitotemporal gyrus (pair) |
|                        | 12164 | pars medialis gyri fusiformis (par)                               | medial part of fusiform gyrus (pair)                          |
|                        | 12165 | pars lateralis gyri fusiformis (par)                              | lateral part of fusiform gyrus (pair)                         |
|                        | 8714↓ | cortex ectorhinalis (par)   | ectorhinal cortex (pair)                                      |
|                        | 12166 | sulcus fusiformis medius (par)                                    | midfusiform sulcus (pair)                                     |
| <a href="#">83751</a>  | 6042  | sulcus collateralis ; sulcus occipitotemporalis medialis          | collateral sulcus ; medial occipitotemporal sulcus            |
| <a href="#">61918</a>  | 6070  | gyrus parahippocampalis   | parahippocampal gyrus   |
| <a href="#">67329</a>  | 6030↓ | insula (par)  | insula (pair) ; insular lobe (pair)                           |
| <a href="#">274526</a> | 6031  | gyri insulae (par)  | insular gyri (pair)   |
| <a href="#">67555</a>  | 6032  | gyri longi insulae (par)  | long gyri of insula (pair)                                    |
| <a href="#">274723</a> | 11498 | gyrus longus anterior insulae (par)                               | anterior long gyrus of insula (pair)                          |
| <a href="#">274729</a> | 11508 | gyrus longus posterior insulae (par)                              | posterior long gyrus of insula (pair)                         |
| <a href="#">61913</a>  | 6033  | gyri breves insulae (par)   | short gyri of insula (pair)                                   |
| <a href="#">274705</a> | 11509 | gyrus brevis anterior insulae (par)                               | anterior short gyrus of insula (pair)                         |
| <a href="#">274711</a> | 11510 | gyrus brevis medius insulae (par)                                 | middle short gyrus of insula (pair)                           |
| <a href="#">274717</a> | 11511 | gyrus brevis posterior insulae (par)                              | posterior short gyrus of insula (pair)                        |
|                        | 12167 | gyrus transversus insulae (par)                                   | transverse gyrus of insula (pair)                             |
| <a href="#">61915</a>  | 11513 | gyrus accessorius anterior insulae (par)                          | anterior accessory gyrus of insula (pair)                     |
| <a href="#">83753</a>  | 6035  | sulcus circularis insulae (par) ; sulcus periinsularis (par)      | circular sulcus of insula (pair) ; periinsular sulcus (pair)  |
| <a href="#">83779</a>  | 6034  | sulcus centralis superior insulae (par)                           | superior central sulcus of insula (pair)                      |
| <a href="#">75266</a>  | 6036  | limen insulae (par)   | limen of insula (pair)  |
|                        | 9241  | regio peripaleocorticalis claustralis (par)                       | claustral peripaleocortical region (pair)                     |
| <a href="#">72719</a>  | 6066  | lobus limbicus (par)  | limbic lobe (pair)  |
| <a href="#">275048</a> | 8717  | gyrus limbicus (par)  | limbic gyrus (pair) ; outer ring of limbic lobe (pair)        |
| <a href="#">61890</a>  | 6047  | area subcallosa ; gyrus subcallosus                               | subcallosal area ; subcallosal gyrus                          |
| <a href="#">62434</a>  | 6067↓ | gyrus cingularis (par)  | cingulate gyrus (pair) ; gyrus of cingulum (pair)             |
| <a href="#">61916</a>  | 8718  | pars anterior (par)   | anterior cingulate cortex (pair)                              |
| <a href="#">276530</a> | 8720  | pars media (par)  | midcingulate cortex (pair)                                    |
| <a href="#">61924</a>  | 8726  | pars posterior (par)  | posterior cingulate cortex (pair)                             |
|                        | 9433↓ |   |   |

|                        |   |                        |  |
|------------------------|---|------------------------|--|
|                        |   | cortex retrosplenialis | retrosplenial cortex   |
| <a href="#">62502</a>  |    | 6068                   | isthmus gyri cingularis (par) <sup>U</sup>   |
| <a href="#">61918</a>  |    | 6070                   | gyrus parahippocampalis (par) <sup>U</sup>   |
|                        |   | 8740↓                  | cortex entorhinalis (par) <sup>U</sup>   |
|                        |   | 8741                   | substantia reticularis alba (par) <sup>U</sup>   |
|                        |   | 8742↓                  | verrucae hippocampi (par) <sup>U</sup>   |
|                        |   | 8719↓                  | cortex perirhinalis (par) <sup>U</sup>   |
|                        |   | 9432                   | subregio transentorhinalis (par) <sup>U</sup>  |
| <a href="#">74884</a>  |    | 6071↓                  | uncus (par) <sup>U</sup>   |
|                        |   | 8734↓                  | gyrus ambiens (par) <sup>U</sup>   |
|                        |   | 8735↓                  | sulcus semianularis (par) <sup>U</sup>   |
|                        |   | 8736↓                  | gyrus semilunaris (par) <sup>U</sup>   |
|                        |   | 8737↓                  | gyrus uncinatus (par) <sup>U</sup>   |
|                        |   | 8738↓                  | limbus fasciae dentatae (par)  |
| <a href="#">275054</a> |   | 8739↓                  | gyrus intralimbicus (par) <sup>U</sup>   |
| <a href="#">83751</a>  |    | 6042                   | sulcus collateralis <sup>U</sup> ; sulcus occipitotemporalis medialis <sup>U</sup>  |
| <a href="#">83746</a>  |    | 6076                   | sulcus rhinalis (par) <sup>U</sup>   |
|                        |   | 8756↓                  | sulcus intrarhinalis (par) <sup>U</sup>  |
|                        |   | 12155↓                 | regio periamygdaloidea (par) <sup>U</sup>  |
| <a href="#">74038</a>  |   | 8721                   | formatio hippocampi (par)  |
| <a href="#">277774</a> |   | 8722                   | pars precommissuralis hippocampi (par) <sup>U</sup>  |
|                        |   | 8723                   | pars supracommissuralis hippocampi (par) <sup>U</sup>  |
| <a href="#">62439</a>  |  | 6083                   | stria longitudinalis lateralis (par) <sup>U</sup>  |
| <a href="#">62488</a>  |  | 6082                   | indusium griseum (par) <sup>U</sup>  |
| <a href="#">67956</a>  |  | 6084                   | stria longitudinalis medialis (par) <sup>U</sup>   |
| <a href="#">277777</a> |   | 8724↓                  | hippocampus proprius (par) <sup>U</sup> ; pars retrocommissuralis hippocampi (par) <sup>U</sup>  |
|                        |   | 12253                  | divisiones hippocampi proprii (par) <sup>U</sup>   |
| <a href="#">323277</a> |  | 6146                   | pes hippocampi (par) <sup>U</sup>  |
|                        |  | 6147                   | digitationes hippocampi (par) <sup>U</sup>   |
| <a href="#">275036</a> |   | 9275                   | caput hippocampi (par) <sup>U</sup> ; segmentum anterius hippocampi (par) <sup>U</sup>   |
| <a href="#">275030</a> |   | 9278                   | corpus hippocampi (par) <sup>U</sup> ; segmentum medium hippocampi (par) <sup>U</sup>  |
| <a href="#">275042</a> |   | 9294                   | cauda hippocampi (par) <sup>U</sup> ; segmentum posterius hippocampi (par) <sup>U</sup>  |
| <a href="#">83747</a>  |  | 6072                   | sulcus hippocampalis (par) <sup>U</sup>  |
| <a href="#">61922</a>  |  | 6073                   | gyrus dentatus (par) <sup>U</sup> ; fascia dentata (par) <sup>U</sup>  |
| <a href="#">83728</a>  |  | 6074                   | sulcus fimbriodentatus (par) <sup>U</sup>  |
|                        |   | 8762↓                  | dentes subiculi (par) <sup>U</sup> ; gyri subspleniales (par) <sup>U</sup>   |
| <a href="#">61921</a>  |  | 6069↓                  | gyrus fasciolaris (par) <sup>U</sup>   |
| <a href="#">275093</a> |   | 8757↓                  | fasciola cinerea (par) <sup>U</sup>  |
| <a href="#">74414</a>  |  | 6149                   | subiculum (par) <sup>U</sup>   |
|                        |   |                        |  |
|                        |   |                        |  |


































































|                        |  |       |   |   |
|------------------------|--|-------|---|---|
| <a href="#">62486</a>  |  | 6148  | presubiculum (par)  | presubiculum (pair)   |
| <a href="#">77604</a>  |  | 6145  | parasubiculum (par)   | parasubiculum (pair)  |
| <a href="#">86464</a>  |  | 6077  | corpus callosum   | corpus callosum   |
| <a href="#">61945</a>  |  | 6078  | rostrum   | rostrum   |
| <a href="#">61946</a>  |  | 6079  | genu  | genu  |
| <a href="#">61947</a>  |  | 6080  | truncus ; corpus  | trunk ; body  |
| <a href="#">61948</a>  |  | 6081  | splenium corporis callosi   | splenium of corpus callosum   |
| <a href="#">61844</a>  |  | 6098  | septum pellucidum   | septum pellucidum   |
| <a href="#">61874</a>  |  | 6099  | cavum   | cave  |
| <a href="#">62472</a>  |  | 6100  | lamina (par)  | layer (pair)  |
|                        |  | 12096 | morphologia interna telencephali  | internal morphology of telencephalon  |
| <a href="#">61830</a>  |  | 6124  | cortex cerebri (par)  | cerebral cortex (pair)  |
| <a href="#">61830</a>  |  | 5972↓ | pallium (par)   | pallium (pair)  |
|                        |  | 8793↓ | pallium dorsale (par)   | dorsal pallium (pair)   |
|                        |  | 8798↓ | pallium laterale (par)  | lateral pallium (pair)  |
|                        |  | 8826↓ | pallium mediale (par)   | medial pallium (pair)   |
|                        |  | 8827↓ | pallium ventrale (par)  | ventral pallium (pair)  |
| <a href="#">62429</a>  |  | 6130  | isocortex (par) ; neocortex (par)   | isocortex (pair) ; neocortex (pair)   |
|                        |  | 8830↓ | isocortex granularis (par)  | granular isocortex (pair)   |
|                        |  | 8851  | areae sensoriae primariae (par)   | primary sensory areas (pair)  |
|                        |  | 8852  | areae sensoriae unimodales (par)  | unimodal sensory areas (pair)   |
|                        |  | 8853  | areae associationis ordini magni (par) ;<br>areae majores associationis (par)   | higher order association areas (pair);<br>principal association areas (pair)                  |
|                        |  | 8868  | isocortex agrularis (par)   | agranular isocortex (pair)  |
|                        |  | 8869  | area motoria primaria (par)   | primary motor area (pair)   |
|                        |  | 8919  | areae motoriae nonprimariae (par)   | nonprimary motor areas (pair)   |
| <a href="#">242257</a> |  | 6131  | strata isocortcis (par)   | layers of isocortex (pair)  |
| <a href="#">242259</a> |  | 6132  | lamina molecularis (par) ; lamina I<br>(par)                                    | molecular layer (pair) ; layer I (pair)<br>   |
| <a href="#">242264</a> |  | 6133  | lamina granularis externa (par) ;<br>lamina II (par)                            | external granular layer (pair) ; layer II<br>(pair)   |
| <a href="#">242283</a> |  | 6134  | lamina pyramidalis externa (par) ;<br>lamina III (par)                          | external pyramidal layer (pair) ; layer<br>III (pair)   |
| <a href="#">242298</a> |  | 6135  | lamina granularis interna (par) ; lamina<br>IV (par)                            | internal granular layer (pair) ; layer IV<br>(pair)   |
| <a href="#">242313</a> |  | 6136  | lamina pyramidalis interna (par) ;<br>lamina V (par)                            | internal pyramidal layer (pair) ; layer<br>V (pair)   |
| <a href="#">242333</a> |  | 6137  | lamina multiformis (par) ; lamina VI<br>(par)                                   | multiform layer (pair) ; layer VI (pair)<br>  |
|                        |  | 8928  | striae fibrarum myelinatarum isocortcis<br>(par)                                | striae of myelinated fibres of isocortex<br>(pair) ▲  |
| <a href="#">77807</a>  |  | 6138  | stria laminae molecularis (par) ; lamina<br>1 (par) ; lamina tangentialis (par) | stria of molecular layer of isocortex<br>(pair) ; layer 1 (pair) ; tangential<br>layer (pair) |
|                        |  | 8929  | sublamina superficialis (par) ;<br>sublamina 1a (par)                           | superficial sublayer (pair) ;<br>sublayer 1a (pair)   |
|                        |  | 8982  | sublamina intermedia (par) ;<br>sublamina 1b (par)                              | intermediate sublayer (pair) ;<br>sublayer 1b (pair)  |
|                        |  | 9021  | sublamina profunda (par) ;<br>sublamina 1c (par)                                | deep sublayer (pair) ; sublayer 1c<br>(pair)  |
|                        |  | 9022  | lamina dysfibrosa (par) ; lamina 2 (par)<br>                                    | dysfibrous layer (pair) ; layer 2 (pair)<br>  |
|                        |  | 9083  | lamina suprapriata (par) ; lamina 3<br>(par)                                    | suprapriate layer (pair); layer 3 (pair)<br>  |
|                        |  | 9084  | sublamina superficialis (par) ;<br>sublamina 3a (par)                           | superficial sublayer (pair) ;<br>sublayer 3a (pair)   |

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


































































































|       |   |   |
|-------|---|---|
| 9085  | sublamina intermedia (par) <sup>U</sup> ;<br>sublamina 3b (par) <sup>U</sup>                                  | intermediate sublayer (pair) <sup>U</sup> ;<br>sublayer 3b (pair) <sup>U</sup>  |
| 9086  | sublamina profunda (par) <sup>U</sup> ;<br>sublamina 3c (par) <sup>U</sup>                                    | deep sublayer (pair) <sup>U</sup> ; sublayer 3c<br>(pair) <sup>U</sup>  |
| 9087  | stria laminae pyramidalis externi (par) <sup>U</sup><br>; lamina 4 (par) <sup>U</sup>                         | stria of external pyramidal layer of<br>isocortex (pair) <sup>U</sup> ; layer 4 (pair) <sup>U</sup>                   |
| 9101  | lamina intrastriata (par) <sup>U</sup> ; sublamina 5a<br>(par) <sup>U</sup>                                   | intrastriate layer (pair); sublayer 5a<br>(pair) <sup>U</sup>   |
| 6142  | stria laminae pyramidalis interni (par) <sup>U</sup> ;<br>sublamina 5b (par) <sup>U</sup>                     | stria of internal pyramidal layer of<br>isocortex (pair) <sup>U</sup> ; sublayer 5b (pair) <sup>U</sup>               |
| 9102  | lamina substriata limitans (par) <sup>U</sup> ;<br>lamina 6 (par) <sup>U</sup>                                | substrate and limiting layer (pair); layer<br>6 (pair) <sup>U</sup>   |
| 9109  | sublamina substriata (par) <sup>U</sup> ;<br>sublamina 6a (par) <sup>U</sup>                                  | substrate sublayer (pair); sublayer 6a<br>(pair) <sup>U</sup>   |
| 9110  | sublamina limitans (par) <sup>U</sup> ; sublamina<br>6b (par) <sup>U</sup>                                    | limiting sublayer (pair) <sup>U</sup> ; sublayer<br>6b (pair) <sup>U</sup>  |
| 9114  | stria verticalis (par) <sup>U</sup>   | vertical stria (pair) <sup>U</sup>  |
| 9116  | columna corticalis isocortice (par) <sup>U</sup>  | cortical column of isocortex (pair) <sup>U</sup>  |
| 68614 | cortex visualis primarius (par) <sup>U</sup> ; area<br>striata (par) <sup>U</sup>                             | primary visual cortex (pair) <sup>U</sup> ; striate area<br>(pair)  |
| 75667 | 75667   |   |
| 6141  | stria occipitalis (par) <sup>U</sup>  | occipital stripe (pair)   |
| 9126  | columna dominantiae ocularis (par)  | ocular dominance column (pair)  |
| 9127  | columna orientationis (par) <sup>U</sup>  | orientation column (pair)   |
| 9132  | hypercolumna (par) <sup>U</sup>   | hypercolumn (pair) <sup>U</sup>   |
| 9135↓ | neura isocortice (par) <sup>U</sup>   | neurons of isocortex (pair) <sup>U</sup>  |
| 9139  | neura projectionis isocortice (par) <sup>U</sup> ;<br>neura pyramidalis isocortice (par) <sup>U</sup>         | projection neurons of isocortex (pair);<br>pyramidal neurons of isocortex (pair) <sup>U</sup>                         |
| 8814  | neura pyramidalis magna isocortice<br>(par) <sup>U</sup>  | large pyramidal neurons of isocortex<br>(pair) <sup>U</sup> ; large pyramidal cells of<br>isocortex (pair)            |
| 8815  | neura pyramidalis gigantea isocortice<br>(par) <sup>U</sup>   | giant pyramidal neurons of isocortex<br>(pair) <sup>U</sup> ; giant pyramidal cells of<br>isocortex (pair)            |
| 9143  | neura commissuralia isocortice (par) <sup>U</sup>   | commissural neurons of isocortex (pair)<br><sup>U</sup>   |
| 8816  | neura pyramidalis media isocortice<br>(par) <sup>U</sup>  | middle pyramidal neurons of isocortex<br>(pair) <sup>U</sup> ; medium-sized pyramidal<br>cells of isocortex (pair)    |
| 9155  | neura associationis isocortice (par) <sup>U</sup>   | association neurons of isocortex (pair)   |
| 8817  | neura pyramidalis parva isocortice<br>(par) <sup>U</sup>  | small pyramidal neurons of isocortex<br>(pair) <sup>U</sup> ; small pyramidal cells of<br>isocortex (pair)            |
| 9170  | interneura isocortice (par) <sup>U</sup>  | interneurons of isocortex (pair) <sup>U</sup>   |
| 8818  | interneura excitatoria isocortice (par)<br><sup>U</sup> ; interneura spinosa isocortice (par)<br><sup>U</sup> | excitatory interneurons of isocortex<br>(pair) <sup>U</sup> ; spiny interneurons of<br>isocortex (pair) <sup>U</sup>  |
| 8819  | neura stellata spinosa isocortice<br>(par) <sup>U</sup>   | spiny stellate neurons of isocortex<br>(pair) <sup>U</sup> ; spiny stellate cells of<br>isocortex (pair)              |
| 8820↓ | interneura inhibitoria isocortice (par)<br><sup>U</sup> ; interneura levia isocortice (par) <sup>U</sup>      | inhibitory interneurons of isocortex<br>(pair) <sup>U</sup> ; smooth interneurons of<br>isocortex (pair) <sup>U</sup> |
| 8821  | neura axodendritica isocortice (par)<br><sup>U</sup>  | axodendritic neurons of isocortex<br>(pair) <sup>U</sup> ; axodendritic cells of<br>isocortex (pair)                  |
| 8822  | neura bipolaria isocortice (par) <sup>U</sup>   | bipolar neurons of isocortex<br>(pair) <sup>U</sup> ; bipolar cells of<br>isocortex (pair)                            |
| 8823  | neura horizontalia isocortice (par)<br><sup>U</sup>   | horizontal neurons of isocortex<br>(pair) <sup>U</sup> ; horizontal cells of<br>isocortex (pair)                      |








































































































|   |  |   |
|---|--|---|
| 8824  | neura multiplumosa isocortcis (par)   | multitufted neurons of isocortex (pair)  ; multitufted cells of isocortex (pair)   |
| 8825  | neura neurogliaformia isocortcis (par)  ; neura araneiformia isocortcis (par)              | neurogliaform neurons of isocortex (pair)  ; spiderweb cells of isocortex (pair); neurogliaform cells of isocortex (pair)                        |
| 8828  | neura racemiformia biracemiformia isocortcis (par)  ; neura biplumosa isocortcis (par)     | double dendritic bouquet neurons of isocortex (pair); bitufted neurons of isocortex (pair)  ; double dendritic bouquet cells of isocortex (pair) |
| 8829  | neura axosomatodendritica isocortcis (par)    | axosomatodendritic neurons of isocortex (pair)  ; axosomatodendritic cells of isocortex (pair)   |
| 8831  | neura corbiformia magna isocortcis (par)    | large basket neurons of isocortex (pair); large basket cells of isocortex (pair)  |
| 8832  | neura corbiformia parva isocortcis (par)    | small basket neurons of isocortex (pair); small basket cells of isocortex (pair)  |
| 8833  | neura axoaxonica isocortcis (par)   | axoaxonal neurons of isocortex (pair)  ; axoaxonal cells of isocortex (pair)   |
| 8834  | neura candelaria isocortcis (par)   | chandelier neurons of isocortex (pair)  ; chandelier cells of isocortex (pair)   |
| 9180↓   | complexus claustrinsularis (par)    | claustrinsular complex (pair)   |
| <a href="#">67440</a>   | 6187↓ claustrum (par)    | claustrum (pair)    |
| 9186  | claustrum dorsale (par)  ; claustrum insulare (par)                                    | dorsal claustrum (pair)  ; insular claustrum (pair)       |
| 9187  | claustrum ventrale (par)  ; nucleus endopiriformis (par)                               | ventral claustrum (pair)  ; endopiriform nucleus (pair)   |
| 9188↓   | cortex insularis (par)    | insular cortex (pair)    |
| 9189  | cortex insularis agranularis (par)    | agranular insular cortex (pair)    |
| 9206  | neura projectionis corticis insularis (par)   | projection neurons of insular cortex (pair)   |
| 9222  | neura bipolaria magna corticis insularis (par)    | large bipolar neurons of insular cortex (pair)  ; spindle cells of insular cortex (pair); large bipolar cells of insular cortex (pair)         |
| 9223↓   | cortex insularis dysgranularis (par)    | dysgranular insular cortex (pair)    |
| 9227↓   | cortex insularis granularis (par)   | granular insular cortex (pair)   |
| <a href="#">83687</a>  | 6128↓ allocortex (par)    | allocortex (pair)    |
| <a href="#">62430</a>  | 6126↓ paleocortex (par)   | paleocortex (pair)   |
| 9183  | strata bulbi olfactorii (par)   | layers of olfactory bulb (pair)    |
| 9228  | stratum neurofibrosum (par)  | olfactory nerve layer (pair)  |
| 9229  | stratum glomerulare (par)   | glomerular layer (pair)    |
| 9230  | glomerulus olfactorius (par)    | olfactory glomerulus (pair)    |
| 9231  | stratum plexiforme externum (par)   | external plexiform layer (pair)    |
| 9232  | stratum mitrale (par)   | mitral cell layer (pair)  |
| 9233  | stratum plexiforme internum (par)   | internal plexiform layer (pair)    |
| 9234  | stratum granulare (par)   | granular layer (pair)    |
| 9237  | neura bulbi olfactorii (par)    | neurons of olfactory bulb (pair)   |
| 9332  | neura projectionis bulbi olfactorii (par)  ; neura principalia bulbi olfactorii (par)  | projection neurons of olfactory bulb (pair); principal neurons of olfactory bulb (pair)    |
| 9333  | neura mitralia bulbi olfactorii (par)   | mitral neurons of olfactory bulb (pair)  ; mitral cells of olfactory bulb (pair)   |
|   |  | tufted neurons of olfactory bulb  |

|   |   |  |
|---|---|--|
| 9334  | neura plumosa bulbi olfactorii (par)                      | (pair)  ; tufted cells of olfactory bulb (pair)  |
| 9335  | neura plumosa externa bulbi olfactorii (par)             | external tufted neurons of olfactory bulb (pair)  ; external tufted cells of olfactory bulb (pair)                        |
| 9364  | neura plumosa media bulbi olfactorii (par)               | middle tufted neurons of olfactory bulb (pair)  ; middle tufted cells of olfactory bulb (pair)                            |
| 9365  | neura plumosa interna bulbi olfactorii (par)             | internal tufted neurons of olfactory bulb (pair)  ; internal tufted cells of olfactory bulb (pair)                        |
| 9366  | interneura bulbi olfactorii (par)                        | interneurons of olfactory bulb (pair)   |
| 9367  | interneura excitatoria bulbi olfactorii (par)            | excitatory interneurons of olfactory bulb (pair)    |
| 9368↓   | neura juxtglomerularia bulbi olfactorii (par)            | juxtglomerular neurons of olfactory bulb (pair)  ; juxtglomerular cells of olfactory bulb (pair); short-axon cells (pair) |
| 9379  | interneura inhibitoria bulbi olfactorii (par)            | inhibitory interneurons of olfactory bulb (pair)    |
| 9380  | neura granulata superficialia bulbi olfactorii (par)     | superficial granule neurons of olfactory bulb (pair); superficial granule cells of olfactory bulb (pair)   |
| 9383  | neura granulata intermedia bulbi olfactorii (par)       | intermediate granule neurons of olfactory bulb (pair); intermediate granule cells of olfactory bulb (pair)   |
| 9384  | neura granulata profunda bulbi olfactorii (par)        | deep granule neurons of olfactory bulb (pair); deep granule cells of olfactory bulb (pair)   |
| 9387  | neura periglomerularia bulbi olfactorii (par)          | periglomerular neurons of olfactory bulb (pair)  ; periglomerular cells of olfactory bulb (pair)                        |
|  6306                        | cellulae dopaminergicae bulbi olfactorii (par)         | dopaminergic cells of olfactory bulb (pair)  ; dopaminergic cells A16 (pair)  |
| <a href="#">77628</a>  6182↓ | strata regionis retrobulbaris (par)                    | layers of retrobulbar region (pair)   |
| 9238  | stratum moleculare (par)                               | molecular layer (pair)    |
| 9239  | stratum densocellulare (par)                           | dense cell layer (pair)  |
| 9240  | stratum multiforme (par)                               | multiform layer (pair)    |
| 9242  | strata corticis piriformis (par)                       | layers of piriform cortex (pair)    |
| 9245  | stratum moleculare (par)                               | molecular layer (pair)    |
| 9246  | stratum densocellulare (par)                           | dense cell layer (pair)  |
| 9247  | stratum multiforme (par)                               | multiform layer (pair)    |
| 9243  | strata regionis periamygdaloidei (par)                 | layers of periamygdaloid region (pair)    |
| 9248  | stratum moleculare (par)                               | molecular layer (pair)    |
| 9250  | stratum densocellulare (par)                           | dense cell layer (pair)  |
| 9244  | strata regionis peripaleocorticalis claustralis (par)  | layers of claustral peripaleocortical region (pair)   |
| 9251  | stratum moleculare (par)                               | molecular layer (pair)    |
| 9252  | stratum densocellulare (par)                           | dense cell layer (pair)  |
| 9253  | stratum dissecans (par)                                | dissecting layer (pair)   |
| 9272  | stratum multiforme (par)                               | multiform layer (pair)    |
| <a href="#">62424</a>  6125↓ | archicortex (par)                                      | archicortex (pair)    |
| 9295  | regiones hippocampi (par)                              | hippocampal fields (pair)  |

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| <a href="#">74042</a> |     | 6151  | cornu ammonis 1 (par)   | CA1 field (pair)  |
| <a href="#">72044</a> |    | 6152  | cornu ammonis 2 (par)    | CA2 field (pair)  |
| <a href="#">72045</a> |    | 6153  | cornu ammonis 3 (par)    | CA3 field (pair)  |
| <a href="#">75741</a> |    | 6154  | cornu ammonis 3h (par)   | CA3h field (pair)   |
|                       |    | 6157  | strata hippocampi (par)    | layers of hippocampus (pair)  ; layers of Ammon's horn (pair)  |
| <a href="#">83149</a> |    | 6158  | stratum lacunomoleculare (par)   | lacunomolecular layer (pair)   |
| <a href="#">83894</a> |    | 6161  | stratum radiatum (par)   | radiate layer (pair)   |
| <a href="#">83895</a> |    | 6160  | stratum pyramidale (par)   | pyramidal layer (pair)   |
| <a href="#">83893</a> |    | 6159  | stratum oriens (par)   | oriens layer (pair)    |
|                       |   | 9023  | neura hippocampi (par)   | neurons of hippocampus (pair)    |
|                       |   | 9298  | neura projectionis hippocampi (par)    | projection neurons of hippocampus (pair); principal neurons of hippocampus (pair)   |
|                       |   | 9299  | neura pyramidalia hippocampi (par)   | pyramidal neurons of hippocampus (pair)  ; pyramidal cells of hippocampus (pair)   |
|                       |   | 9305↓ | interneura hippocampi (par)    | interneurons of hippocampus (pair)   |
|                       |   | 9307  | interneura inhibitoria hippocampi (par)    | inhibitory interneurons of hippocampus (pair)    |
|                       |   | 9312  | neura corbiformia hippocampi (par)   | basket neurons of hippocampus (pair); basket cells of hippocampus (pair)  |
|                       |   | 9326  | neura bistratificata hippocampi (par)    | bistratified neurons of hippocampus (pair)  ; bistratified cells of hippocampus (pair)   |
|                       |   | 9328  | neura candelaria hippocampi (par)    | chandelier neurons of hippocampus (pair)  ; chandelier cells of hippocampus (pair); axoaxonic neurons of hippocampus (pair)  |
|                       |   | 8764  | substantia alba hippocampi (par)   | white matter of hippocampus (pair)  ; white substance of hippocampus (pair)  |
|                       |   | 13172 | tractus commissurales hippocampi <br>   | commissural tracts of hippocampus <br>  |
| <a href="#">61970</a> |  | 6286↓ | commissura hippocampi  ;<br>psalterium     | hippocampal commissure;<br>psalterium     |
|                       |   | 9331  | tractus descendentes hippocampi  ;<br>tractus descendentes originis hippocampi   | descending tracts of hippocampus  ;<br>descending tracts of origin in hippocampus   |
| <a href="#">61965</a> |  | 6091  | fornix    | fornix    |
|                       |   | 8538  | tractus proprii hippocampi  ; tractus intrinseci hippocampi                      | proper tracts of hippocampus  ;<br>intrinsic tracts of hippocampus   |
|                       |   | 9396  | neurofibrae muscosae hippocampi    | mossy fibres of hippocampus  <br>                                    |
|                       |   | 9397  | collaterales axonales hippocampi proprii    | axonal collaterals of proper hippocampus    |
|                       |   | 8539↓ | via endofolialis    | endfolial pathway    |
|                       |   | 9398  | collaterales axonales hilares hippocampi proprii    | hilar axonal collaterals of proper hippocampus    |
| <a href="#">83867</a> |  | 6156  | alveus hippocampi     | alveus   |
| <a href="#">83866</a> |  | 6075  | fimbria hippocampi    | fimbria    |
| <a href="#">83678</a> |  | 6163  | strata gyri dentati (par)    | layers of dentate gyrus (pair)   |
| <a href="#">83677</a> |  | 6164  | stratum moleculare gyri dentati (par)    | molecular layer of dentate gyrus (pair)    |
| <a href="#">83146</a> |  | 6165  | stratum granulare gyri dentati (par)   | granular layer of dentate gyrus (pair)   |
| <a href="#">72358</a> |  | 6166  | stratum multiforme gyri dentati (par)    | multiform layer of dentate gyrus (pair)    |
|                       |   | 9399  | neura gyri dentati (par)   | neurons of dentate gyrus (pair)    |
|                       |   |       | neura projectionis gyri dentati (par)    | projection neurons of dentate gyrus   |

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| 9400  | ; neura principalia gyri dentati (par)   | (pair); principal neurons of dentate gyrus (pair)  |
| 9401  | neura granulata gyri dentati (par)<br>Ⓢ  | granule neurons of dentate gyrus (pair); granule cells of dentate gyrus (pair)   |
| 9402  | interneura gyri dentati (par) Ⓢ  | interneurons of dentate gyrus (pair)<br>Ⓢ  |
| 9403  | interneura excitatoria gyri dentati (par) Ⓢ  | excitatory interneurons of dentate gyrus (pair) Ⓢ  |
| 9404  | neura muscosa gyri dentati (par) Ⓢ; neura stellata gyri dentati (par) Ⓢ                  | mossy neurons of dentate gyrus (pair) Ⓢ; stellate neurons of dentate gyrus (pair) Ⓢ; mossy cells of dentate gyrus (pair); stellate cells of dentate gyrus (pair)             |
| 9405  | interneura inhibitoria gyri dentati (par) Ⓢ  | inhibitory interneurons of dentate gyrus (pair) Ⓢ  |
| 9406  | neura corbiformia pyramidalia gyri dentati (par) Ⓢ                                       | pyramidal basket neurons of dentate gyrus (pair); pyramidal basket cells of dentate gyrus (pair)   |
| 9407  | neura candelaria gyri dentati (par) Ⓢ; neura axoaxonica gyri dentati (par) Ⓢ             | chandelier neurons of dentate gyrus (pair) Ⓢ; axoaxonal neurons of dentate gyrus (pair) Ⓢ; chandelier cells of dentate gyrus (pair); axoaxonic cells of dentate gyrus (pair) |
| 11908   | strata subiculi (par) Ⓢ  | layers of subiculum (pair) Ⓢ   |
| 8760  | stratum moleculare subiculi (par) Ⓢ  | molecular layer of subiculum (pair) Ⓢ  |
| 8761  | stratum pyramidale subiculi (par) Ⓢ  | pyramidal layer of subiculum (pair) Ⓢ  |
| 8763  | stratum multiforme subiculi (par) Ⓢ  | multiform layer of subiculum (pair) Ⓢ  |
| 84039  | mesocortex (par) Ⓢ   | mesocortex (pair) Ⓢ  |
| 8920  | proisocortex (par) Ⓢ   | proisocortex (pair) Ⓢ  |
| 8921  | periallocortex (par) Ⓢ   | periallocortex (pair) Ⓢ  |
| 8922  | peripaleocortex (par) Ⓢ  | peripaleocortex (pair) Ⓢ   |
| 8924  | periarchicortex (par) Ⓢ  | periarchicortex (pair) Ⓢ   |
| 12168↓  | strata presubiculi (par) Ⓢ   | layers of presubiculum (pair) Ⓢ  |
| 9411  | stratum moleculare presubiculi (par) Ⓢ   | molecular layer of presubiculum (pair) Ⓢ   |
| 9412  | stratum principale externum presubiculi (par) Ⓢ  | external principal layer of presubiculum (pair) Ⓢ  |
| 9413  | stratum principale internum presubiculi (par) Ⓢ  | internal principal layer of presubiculum (pair) Ⓢ  |
| 12169   | strata parasubiculi (par) Ⓢ  | layers of parasubiculum (pair) Ⓢ   |
| 9415  | stratum moleculare parasubiculi (par) Ⓢ  | molecular layer of parasubiculum (pair) Ⓢ  |
| 9416  | stratum cellulare parasubiculi (par) Ⓢ   | cellular layer of parasubiculum (pair) Ⓢ   |
| 9417↓   | strata corticis entorhinalis (par) Ⓢ   | layers of entorhinal cortex (pair) Ⓢ   |
| 9418  | stratum moleculare corticis entorhinalis (par) Ⓢ; lamina 1 corticis entorhinalis (par) Ⓢ | molecular layer of entorhinal cortex (pair) Ⓢ; layer 1 of entorhinal cortex (pair) Ⓢ   |
| 9421  | stratum principale externum corticis entorhinalis (par) Ⓢ                                | external principal layer of entorhinal cortex (pair) Ⓢ   |
| 9422  | stratum stellare corticis entorhinalis (par) Ⓢ; lamina 2 corticis entorhinalis (par) Ⓢ   | cell island layer of entorhinal cortex (pair); layer 2 of entorhinal cortex (pair) Ⓢ   |
| 9425  | stratum pyramidale corticis entorhinalis (par) Ⓢ; lamina 3 corticis entorhinalis (par) Ⓢ | pyramidal layer of entorhinal cortex (pair) Ⓢ; layer 3 of entorhinal cortex (pair) Ⓢ   |
| 9427  | lamina dissecans corticis entorhinalis (par) Ⓢ; lamina 4 corticis entorhinalis (par) Ⓢ   | dissecting layer of entorhinal cortex (pair) Ⓢ; layer 4 of entorhinal cortex (pair) Ⓢ  |

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| 9428                        | stratum principale internum corticis entorhinalis (par) ; lamina 5 corticis entorhinalis (par) | internal principal layer of entorhinal cortex (pair) ; layer 5 of entorhinal cortex (pair) |
| 9429                        | stratum magnocellulare corticis entorhinalis (par) ; sublamina 5a corticis entorhinalis (par)  | magnocellular layer of entorhinal cortex (pair) ; sublayer 5a of entorhinal cortex (pair)  |
| 9430                        | stratum parvocellulare corticis entorhinalis (par) ; sublamina 5b corticis entorhinalis (par)  | parvocellular layer of entorhinal cortex (pair) ; sublayer 5b of entorhinal cortex (pair)  |
| 9431                        | stratum 5c corticis entorhinalis (par) ; sublamina 5c corticis entorhinalis (par)              | layer 5c of entorhinal cortex (pair) ; sublayer 5c of entorhinal cortex (pair)             |
| 8766                        | strata corticis perirhinalis (par)   | layers of perirhinal cortex (pair)   |
| 8767                        | stratum moleculare corticis perirhinalis (par) ; lamina 1 corticis perirhinalis (par)          | molecular layer of perirhinal cortex (pair) ; layer 1 of perirhinal cortex (pair)          |
| 8768↓                       | stratum stellare corticis perirhinalis (par) ; lamina 2 corticis perirhinalis (par)            | cell island layer of perirhinal cortex (pair); layer 2 of perirhinal cortex (pair)         |
| 8769                        | stratum pyramidale externum corticis perirhinalis (par) ; lamina 3 corticis perirhinalis (par) | external pyramidal layer of perirhinal cortex (pair) ; layer 3 of perirhinal cortex (pair) |
| 8770                        | lamina dissecans corticis perirhinalis (par) ; lamina 4 corticis perirhinalis (par)            | dissecting layer of perirhinal cortex (pair) ; layer 4 of perirhinal cortex (pair)         |
| 8771                        | stratum pyramidale internum corticis perirhinalis (par) ; lamina 5 corticis perirhinalis (par) | internal pyramidal layer of perirhinal cortex (pair) ; layer 5 of perirhinal cortex (pair) |
| 8772                        | stratum multiforme corticis perirhinalis (par) ; lamina 6 corticis perirhinalis (par)          | multiform layer of perirhinal cortex (pair) ; layer 6 of perirhinal cortex (pair)          |
| 9454↓                       | cortex cingularis (par)  | cingulate cortex (pair)  |
| 9433↓                       | cortex retrosplenialis (par)   | retrosplenial cortex (pair)  |
| 9434                        | cortex ectosplenialis (par)  | ectosplenial cortex (pair)   |
| 9443                        | cortex retrosplenialis granularis (par)  | granular retrosplenial cortex (pair)   |
| 9453                        | cortex retrosplenialis dysgranularis (par)   | dysgranular retrosplenial cortex (pair)  |
| 9449                        | substantia alba hemispherii cerebri (par)  | white matter of cerebral hemisphere (pair) ; white substance of cerebral hemisphere (pair) |
| 9459↓                       | centrum semiovale (par)  | semioval centre (pair)   |
| <a href="#">61960</a> 6267↓ | capsula extrema  | extreme capsule  |
| <a href="#">62076</a> 9508↓ | pedunculus temporalis  | temporal peduncle  |
| <a href="#">77636</a> 6275  | fasciculus uncinatus cerebri   | uncinate fasciculus of brain   |
| <a href="#">77633</a> 6276  | (fasciculus occipitofrontalis inferior   | (inferior occipitofrontal fasciculus   |
| <a href="#">61950</a> 6239  | capsula interna (par)  | internal capsule (pair)  |
| <a href="#">61952</a> 6241  | crus anterius (par)  | anterior limb (pair)   |
| <a href="#">76976</a> 5877  | radiatio thalamica anterior ; radiatio anterior thalami  | anterior thalamic radiation  |
| <a href="#">75223</a> 6243  | tractus frontopontinus   | frontopontine tract  |
| <a href="#">61953</a> 6244  | genu (par)   | knee (pair)  |
| <a href="#">75222</a> 6245  | pars capsularis  | capsular part  |
| <a href="#">61954</a> 6246  | crus posterius (par)   | posterior limb (pair)  |
| <a href="#">76978</a> 5878  | radiatio thalamica centralis ; radiatio centralis thalami                                      | central thalamic radiation   |
| 8528                        | tractus corticoreticularis   | corticoreticular tract   |
| 9196                        | tractus corticorubralis  | corticorubral tract  |
| 8527                        | tractus corticospinalis  | corticospinal tract  |
| 8525                        | fibrae corticothalamicae   | corticothalamic fibres   |



























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|                        | 8535  | fibrae parietopontinae    | parietopontine fibres                  |
|                        | 7574  | fibrae thalamoparietales    | thalamoparietal fibres              |
| <a href="#">61957</a>  |  6254↓   | pars retrolentiformis (par)    | retrolentiform limb (pair); retrolenticular limb (pair)  |
|                        | 8534  | fibrae occipitopontinae     | occipitopontine fibres              |
|                        |  6256    | fibrae occipitotectales     | occipitotectal fibres               |
| <a href="#">61941</a>  |  5884    | radiatio optica     | optic radiation                     |
|                        | 12178   | fibrae geniculocalcarinae     | geniculocalcarine fibres            |
| <a href="#">76982</a>  |  5886    | radiatio thalamica posterior  ; radiatio posterior thalami                     | posterior thalamic radiation     |
| <a href="#">61958</a>  |  6259↓   | pars sublentiformis (par)    | sublentiform limb (pair); sublenticular limb (pair)  |
|                        | 8500  | radiatio acustica     | acoustic radiation    |
|                        | 12176   | fibrae geniculotemporales     | geniculotemporal fibres             |
|                        |  6261    | fibrae corticotectales    | corticotectal fibres                |
| <a href="#">61941</a>  |  5884    | radiatio optica     | optic radiation                     |
|                        | 12178   | fibrae geniculocalcarinae     | geniculocalcarine fibres            |
|                        | 8536  | fibrae temporopontinae    | temporopontine fibres                |
|                        | 8525  | fibrae corticothalamicae    | corticothalamic fibres               |
| <a href="#">260714</a> | 7616  | tractus associationis originis telencephali  ; tractus associationis cerebri   | association tracts of telencephalon; association tracts of brain    |
| <a href="#">260717</a> |  6274↓   | fibrae associationis breves; fibrae U-figuratae    | short association fibres; U-fibres     |
| <a href="#">77630</a>  |  6273↓   | fibrae associationis longae    | long association fibres    |
|                        | 14223   | systema longitudinale superius    | superior longitudinal system     |
| <a href="#">77631</a>  |  6272↓  | fasciculus longitudinalis superior     | superior longitudinal fasciculus     |
|                        | 9484  | fasciculus longitudinalis superior I    | superior longitudinal fasciculus I     |
|                        | 9485  | fasciculus longitudinalis superior II     | superior longitudinal fasciculus II    |
|                        | 9486  | fasciculus longitudinalis superior III    | superior longitudinal fasciculus III     |
|                        | 11829   | fasciculus frontooccipitalis    | frontooccipital fasciculus     |
| <a href="#">77634</a>  |  6277  | (fasciculus occipitofrontalis superior    | (superior occipitofrontal fasciculus     |
| <a href="#">276650</a> |  6269↓ | fasciculus arcuatus     | arcuate fasciculus     |
|                        | 14203   | systema longitudinale inferius    | inferior longitudinal system    |
|                        | 14221   | fasciculus frontooccipitalis inferior     | inferior frontooccipital fasciculus    |
| <a href="#">77636</a>  |  6275  | fasciculus uncinatus cerebri    | uncinate fasciculus of brain     |
| <a href="#">77633</a>  |  6276  | (fasciculus occipitofrontalis inferior    | (inferior occipitofrontal fasciculus     |
|                        | 14215   | systema longitudinale medium    | middle longitudinal system    |
|                        | 14222   | fasciculus longitudinalis medius    | middle longitudinal fasciculus     |
|                        | 14216   | systema longitudinale basale    | basal longitudinal system     |
| <a href="#">77632</a>  |  6271  | fasciculus longitudinalis inferior    | inferior longitudinal fasciculus     |
|                        | 14217   | systema longitudinale mesiale     | mesial longitudinal system    |
| <a href="#">260761</a> |  6270  | cingulum    | cingulum     |
|                        | 14218   | systema transversum anterius    | anterior transverse system    |
|                        | 9510↓   | fasciculus frontalis obliquus     | oblique frontal fasciculus  ; frontal aslant tract   |
|                        | 14219   | systema transversum posterius     | posterior transverse system     |
| <a href="#">83457</a>  | 11830   | fasciculus temporoparietalis verticalis     | vertical temporoparietal fasciculus  ; temporoparietal aslant tract    |
|                        | 14220   | fibrae associationis lobares    | lobar fibres of association    |
|                        | 9511  | fasciculus frontalis orbitopolaris    | orbitopolar frontal fasciculus     |
|                        | 9512  |     |    |

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|                       |       | fasciculus frontomarginalis   | frontomarginal fasciculus   |
|                       | 6278↓ | fasciculi occipitales verticales  | vertical occipital fasciculi  |
|                       | 6279  | fibrae laterales  | lateral fibres  |
|                       | 6280  | fibrae caudales   | caudal fibres   |
|                       | 6281  | fasciculi occipitales horizontales  | horizontal occipital fasciculi                                      |
|                       | 6282  | fibrae cuneatae   | cuneate fibres  |
|                       | 6283  | fibrae linguales  | lingual fibres  |
| <a href="#">61959</a> |       | 6266 capsula externa (par)  | external capsule (pair)   |
|                       | 8522  | tractus commissurales originis cerebri; tractus commissurales cerebri             | commissural tracts of telencephalon; commissural tracts of brain    |
|                       | 6285  | fibrae corporis callosi   | fibres of corpus callosum   |
| <a href="#">77693</a> |       | 6085 radiatio corporis callosi  | radiation of corpus callosum  |
| <a href="#">61944</a> |       | 6086 forceps minor ; forceps frontalis  | lesser forceps ; frontal forceps                                    |
| <a href="#">61949</a> |       | 6087 forceps major ; forceps occipitalis  | major forceps; occipital forceps                                    |
| <a href="#">77208</a> |       | 6088 tapetum  | tapetum   |
| <a href="#">61970</a> |       | 6286↓ commissura hippocampi ; psalterium  | hippocampal commissure; psalterium                                  |
| <a href="#">61961</a> |       | 5799 commissura anterior  | anterior commissure   |
| <a href="#">61963</a> |       | 6089 pars anterior commissurae anterioris   | anterior part of anterior commissure                                |
| <a href="#">61964</a> |       | 6090 pars posterior commissurae anterioris  | posterior part of anterior commissure                               |
|                       | 8524  | tractus descendentes originis cerebri   | descending tracts of origin in telencephalon                        |
| <a href="#">77637</a> | 9509↓ | fasciculus subcallosus  | subcallosal bundle  |
| <a href="#">84379</a> |       | 6193 fasciculus peduncularis descendens   | descending peduncular fasciculus                                    |
|                       | 13173 | fasciculus angularis  | angular bundle  |
|                       | 9395  | tractus perforans   | perforating tract   |
|                       | 9544  | fibrae corticostriatales  | corticostriatal fibres  |
|                       | 8525  | fibrae corticothalamicae  | corticothalamic fibres  |
|                       | 6256  | fibrae occipitotectales   | occipitotectal fibres   |
| <a href="#">72634</a> | 8526  | tractus pyramidalis   | pyramidal tract   |
|                       | 9196  | tractus corticorubralis   | corticorubral tract   |
|                       | 8528  | tractus corticoreticularis  | corticoreticular tract  |
|                       | 12525 | tractus corticonuclearis  | corticonuclear tract  |
|                       | 8527  | tractus corticospinalis   | corticospinal tract   |
|                       | 12543 | tractus corticopontini  | corticopontine tracts   |
|                       | 8532  | fibrae frontopontinae   | frontopontine fibres  |
|                       | 8535  | fibrae parietopontinae  | parietopontine fibres   |
|                       | 8536  | fibrae temporopontinae  | temporopontine fibres   |
|                       | 8534  | fibrae occipitopontinae   | occipitopontine fibres  |
| <a href="#">18661</a> |       | 6265 corona radiata (par)   | corona radiata (pair)   |
| <a href="#">61841</a> |       | 6168↓ corpus amygdaloideum (par) ; complexus amygdaloideus (par) ; amygdala (par) | amygdaloid body (pair) ; amygdaloid complex (pair); amygdala (pair) |
|                       | 9547  | nuclei basolaterales (par)  | basolateral nuclei (pair)   |
| <a href="#">68855</a> |       | 6173 nucleus basalis lateralis amygdalae (par)                                    | basolateral amygdaloid nucleus (pair)                               |
| <a href="#">68858</a> |       | 6174 nucleus basalis medialis amygdalae (par)                                     | basomedial amygdaloid nucleus (pair)                                |
| <a href="#">77606</a> |       | 6169 area transitionis amygdaloclaustralis (par)                                  | amygdaloclaustral transition area (pair)                            |
| <a href="#">61866</a> |       | 6178 nucleus lateralis amygdalae (par)  | lateral amygdaloid nucleus (pair)                                   |
|                       | 9579  | nuclei centromediales (par)   | centromedial nuclei (pair)  |
| <a href="#">74047</a> |       | 6175 nucleus centralis amygdalae (par)  | central amygdaloid nucleus (pair)                                   |
| <a href="#">74046</a> |       | 6179 nucleus medialis amygdalae (par)   | medial amygdaloid nucleus (pair)                                    |
|                       | 9580  | nuclei intercalati amygdalae (par)  | intercalated amygdaloid nuclei (pair)                               |

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|                       | 9581  | area transitionis amygdalostriatalis (par)  | amygdalostriatal transition area (pair)  |
|                       | 9582  | amygdala extenta (par)  | extended amygdala (pair)   |
| <a href="#">61884</a> | 6185↓ | nucleus striae terminalis (par)   | bed nucleus of stria terminalis (pair)   |
|                       | 9123  | divisio lateralis nuclei striae terminalis (par)  | lateral subdivision of bed nucleus of stria terminalis (pair)  |
|                       | 9124  | divisio medialis nuclei striae terminalis (par)   | medial subdivision of bed nucleus of stria terminalis (pair)   |
| <a href="#">77609</a> | 6186  | pars sublenticularis amygdalae (par)  | sublenticular extended amygdala (pair)   |
| <a href="#">77699</a> | 6177  | nucleus interstitialis amygdalae (par) ;<br>nucleus interstitialis partis posterioris<br>commissurae anterioris (par) | interstitial amygdaloid nucleus (pair);<br>interstitial nucleus of posterior part of<br>anterior commissure (pair) |
|                       | 9583↓ | amygdala olfactoria (par)   | olfactory amygdala (pair)  |
| <a href="#">61861</a> | 6172  | area amygdaloidea anterior (par)  | anterior amygdaloid area (pair)  |
|                       | 9846  | nucleus corticalis anterior amygdalae (par)   | anterior cortical nucleus of amygdala (pair)   |
|                       | 9847  | nucleus corticalis posterior amygdalae (par)  | posterior cortical nucleus of amygdala (pair)  |
|                       | 9848  | nucleus corticalis ventralis amygdalae (par)  | ventral cortical nucleus of amygdala (pair)  |
| <a href="#">61865</a> | 6180  | nucleus tractus olfactorii lateralis (par)  | nucleus of lateral olfactory stria (pair)  |
| <a href="#">77607</a> | 6170  | area transitionis amygdalohippocampalis (par)   | amygdalohippocampal transition area (pair)   |
| <a href="#">77608</a> | 6171  | area transitionis amygdalopiriformis (par)  | amygdalopiriform transition area (pair)  |
| <a href="#">62485</a> | 6181  | cortex periamygdaloideus (par)  | periamygdaloid cortex (pair) ;<br>parahippocampal amygdaloid transition<br>area (pair)                             |
|                       | 8786  | substantia alba corporis amygdaloidei (par)   | white matter of amygdaloid body (pair)   |
|                       | 8525  | fibrae corticothalamicae  | corticothalamic fibres   |
| <a href="#">61974</a> | 6111  | stria terminalis  | stria terminalis   |
|                       | 8544  | fasciculus amygdalofugalis ventralis  | ventral amygdalofugal bundle   |
|                       | 8126  | fibrae amygdalotegmentales  | amygdalotegmental fibres   |
| <a href="#">77616</a> | 6230↓ | subpallium (par)  | subpallium (pair)  |
| <a href="#">77618</a> | 6231  | striatum (par)  | striatum (pair)  |
| <a href="#">83684</a> | 6233  | pallidum (par)  | pallidum (pair)  |
|                       | 9545  | area diagonalis (par)   | diagonal band area (pair)  |
| <a href="#">62313</a> | 5785  | area preoptica (par)  | preoptic area (pair)   |
|                       | 6216  | nuclei basales (par)  | basal nuclei (pair)  |
| <a href="#">61833</a> | 6217  | nucleus caudatus (par)  | caudate nucleus (pair)   |
| <a href="#">61852</a> | 6218  | caput nuclei caudati (par)  | head of caudate nucleus (pair)   |
| <a href="#">61853</a> | 6219  | corpus nuclei caudati (par)   | body of caudate nucleus (pair)   |
| <a href="#">61854</a> | 6220  | cauda nuclei caudati (par)  | tail of caudate nucleus (pair)   |
| <a href="#">77615</a> | 6221  | nucleus lentiformis (par) ; nucleus<br>lenticularis (par)   | lentiform nucleus (pair) ; lenticular nucleus<br>(pair)  |
| <a href="#">61834</a> | 6222  | putamen (par)   | putamen (pair)   |
| <a href="#">62469</a> | 6223  | lamina medullaris lateralis ; lamina<br>medullaris externa  | lateral medullary layer ; external<br>medullary layer  |
| <a href="#">61839</a> | 6224  | globus pallidus lateralis (par); globus<br>pallidus externus (par)  | lateral segment of globus pallidus (pair);<br>external segment of globus pallidus (pair)                           |
| <a href="#">62470</a> | 6225  | lamina medullaris medialis ; lamina<br>medullaris interna   | medial medullary layer ; internal<br>medullary layer   |
| <a href="#">61840</a> | 6226  | globus pallidus medialis (par); globus<br>pallidus internus (par)   | medial segment of globus pallidus (pair);<br>internal segment of globus pallidus (pair)                            |
|                       | 6227  | pars lateralis (par)  | lateral part (pair)  |
| <a href="#">62471</a> | 6228  | lamina medullaris accessoria (par)  | accessory medullary layer (pair)   |
|                       | 6229  | pars medialis (par)   | medial part (pair)   |
|                       | 9839  | substantia grisea striati (par)   | grey matter of striatum (pair)   |
| <a href="#">77620</a> | 6232  | striatum dorsale (par)  | dorsal striatum (pair)   |



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|                       | 9840↓ | substantia grisea nuclei caudati (par)   | grey matter of caudate nucleus (pair)  |
|                       | 9841  | striosoma (par)  | striosome (pair)   |
|                       | 9842  | matrix striatalis (par)  | striatal matrix (pair)   |
|                       | 6240  | pontes grisei caudatolenticulares (par)<br>; pontes grisei transcapsulares (par) | caudatolenticular grey bridges (pair)<br>; transcapsular grey bridges (pair)                           |
| <a href="#">77614</a> | 6205  | striatum ventrale (par)  | ventral striatum (pair)  |
|                       | 9844↓ | fundus striati (par)   | fundus of striatum (pair)  |
| <a href="#">61889</a> | 6206  | nucleus accumbens (par)  | nucleus accumbens (pair)   |
| <a href="#">77385</a> | 6207  | pars centralis (par)   | central part (pair) ; core region (pair)   |
| <a href="#">77386</a> | 6208  | pars medialis (par)  | medial part (pair) ; shell region (pair)   |
| <a href="#">61891</a> | 6199  | tuberculum olfactorium (par)   | olfactory tubercle (pair)  |
|                       | 6194  | insulae olfactoriae (par) ; insulae terminales (par)                             | olfactory insulae (pair) ; terminal insulae (pair) ; olfactory islands (pair); terminal islands (pair) |
|                       | 9852↓ | neura striati (par)  | neurons of striatum (pair)   |
|                       | 9853  | neura projectionis striati (par) ; neura principalia striati (par)               | projection neurons of striatum (pair); principal neurons of striatum (pair)                            |
|                       | 8791  | neura spinosa magnitudinis mediae striati (par)                                  | middle spiny neurons of striatum (pair) ; medium-sized spiny cells of striatum (pair)                  |
|                       | 8792  | interneura striati (par)   | interneurons of striatum (pair)  |
|                       | 8794  | interneura excitatoria striati (par)   | excitatory interneurons of striatum (pair)   |
|                       | 8795  | interneura cholinergica striati (par)  | cholinergic interneurons of striatum (pair) ; aspiny type II cholinergic interneurons (pair)           |
|                       | 8797↓ | interneura inhibitoria striati (par)   | inhibitory interneurons of striatum (pair)   |
|                       | 8799  | interneura GABAergica striati (par)  | GABAergic interneurons of striatum (pair) ; aspiny type I GABAergic interneurons (pair)                |
|                       | 9845  | substantia grisea pallidi (par)  | grey matter of pallidum (pair)   |
| <a href="#">77619</a> | 6234  | pallidum dorsale (par) ; globus pallidalis (par)                                 | dorsal pallidum (pair) ; globus pallidus (pair)  |
|                       | 9145  | pallidum ventrale (par)  | ventral pallidum (pair)  |
|                       | 8800  | neura globi pallidi (par)  | neurons of globus pallidus (pair)  |
|                       | 8801  | neura projectionis globi pallidi (par) ; neura principalia globi pallidi (par)   | projection neurons of globus pallidus (pair); principal neurons of globus pallidus (pair)              |
|                       | 8804  | neura magna globi pallidi (par)  | large cells of globus pallidus (pair)  |
|                       | 8805  | substantia alba nucleorum basaliium (par)  | white matter of basal nuclei (pair)  |
|                       | 8806  | tractus striatales (par)   | striatal tracts (pair)   |
| <a href="#">61960</a> | 6267↓ | capsula extrema  | extreme capsule  |
| <a href="#">61959</a> | 6266  | capsula externa  | external capsule   |
| <a href="#">77637</a> | 9509↓ | fasciculus subcallosus   | subcallosal bundle   |
| <a href="#">62070</a> | 5874  | ansa lenticularis  | ansa lenticularis  |
| <a href="#">61976</a> | 5875  | fasciculus lenticularis  | lenticular fasciculus  |
| <a href="#">77525</a> | 5888  | fasciculus subthalamicus   | subthalamic fasciculus   |
| <a href="#">62065</a> | 5890  | fasciculus thalamicus  | thalamic fasciculus  |
|                       | 8807  | connexus striatales (par)  | striatal pathways (pair)   |
|                       | 8808  | connexus afferentes striatales (par)   | striatal afferent pathways (pair)  |
|                       | 9544  | fibrae corticostriatales   | corticostriatal fibres   |
|                       | 8543  | fibrae amygdalostriatales  | amygdalostriatal fibres  |
|                       | 7918  | fibrae thalamostriatales   | thalamostriatal fibres   |

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|                       | 8485  | fibrae nigrostriatales (U) (C)   | nigrostriatal fibres (U) (A) (C)   |
|                       | 8809  | connexus efferentes striatales (par) (U)   | striatal efferent pathways (pair) (U)  |
|                       | 8546  | fibrae striatopallidales (U) (C)   | striatopallidal fibres (U) (A) (C)   |
|                       | 8118  | fibrae striatonigrales (U) (C)   | striatonigral fibres (U) (A) (C)   |
|                       | 8810  | connexus pallidales (par) (U)  | pallidal pathways (pair) (U)   |
|                       | 8811  | connexus pallidales afferentes (par) (U)   | afferent pallidal pathways (pair) (U)  |
|                       | 8546  | fibrae striatopallidales (U) (C)   | striatopallidal fibres (U) (A) (C)   |
|                       | 7922  | fibrae subthalamopallidales (U) (C)  | subthalamopallidal fibres (U) (A) (C)  |
|                       | 8812  | connexus pallidales efferentes (par) (U);<br>fibrae pallidofugales (par)   | efferent pallidal pathways (pair) (U);<br>pallidofugal fibres (pair) (A)                                 |
|                       | 8547  | fibrae pallidosubthalamicae (U) (C)  | pallidosubthalamic fibres (U) (A) (C)  |
|                       | 8548  | fibrae pallidothalamicae (U) (C)   | pallidothalamic fibres (U) (A) (C)   |
|                       | 8549  | fibrae pallidohabenuales (U) (C)   | pallidohabenuar fibres (U) (A) (C)   |
|                       | 8550  | fibrae pallidonigrales (U) (C)   | pallidonigral fibres (U) (A) (C)   |
|                       | 8551  | fibrae pallidotegmentales (U) (C)  | pallidotegmental fibres (U) (A) (C)  |
| <a href="#">77700</a> |  6167↓   | pars basalis telencephali proprii (par)  | basal forebrain proper (pair)  |
| <a href="#">61887</a> |  6183    | substantia basalis (par) (U)   | basal substance (pair) (U)   |
| <a href="#">61887</a> |  6184    | nucleus basalis (par) (U)  | basal nucleus (pair) (U)   |
|                       | 9849  | cellulae cholinergicae substantiae basalis<br>(par) (U)  | cholinergic cells of basal substance (pair)<br>(U)   |
|                       |  6316    | cellulae cholinergicae nuclei septalis<br>medialis (par) (U); cellulae cholinergicae<br>Ch1 (par) (U)              | cholinergic cells of medial septal nucleus<br>(pair) (U); cholinergic cells Ch1 (pair) (U)               |
|                       |  6317   | cellulae cholinergicae cruris verticalis<br>striae diagonalis (par) (U); cellulae<br>cholinergicae Ch2 (par) (U)   | cholinergic cells of vertical limb of<br>diagonal band (pair) (U); cholinergic cells<br>Ch2 (pair) (U)   |
|                       |  6318  | cellulae cholinergicae cruris horizontalis<br>striae diagonalis (par) (U); cellulae<br>cholinergicae Ch3 (par) (U) | cholinergic cells of horizontal limb of<br>diagonal band (pair) (U); cholinergic cells<br>Ch3 (pair) (U) |
|                       |  6319  | cellulae cholinergicae nuclei basalis (par)<br>(U); cellulae cholinergicae Ch4 (par) (U)                           | cholinergic cells of basal nucleus (pair)<br>(U); cholinergic cells Ch4 (pair) (U)                       |
| <a href="#">61884</a> |  6185↓ | nucleus striae terminalis (U) (C)  | bed nucleus of stria terminalis (C)  |
| <a href="#">77609</a> |  6186  | pars sublenticularis amygdalae (U) (C)   | sublenticular extended amygdala (C)  |
| <a href="#">61973</a> |  6188  | stria diagonalis (par) (U)   | diagonal band (pair) (U)   |
| <a href="#">77611</a> |  6189  | crus horizontale striae diagonalis (par) (U)   | horizontal limb of diagonal band (pair)  |
| <a href="#">77612</a> |  6190  | crus verticale striae diagonalis (par) (U)   | vertical limb of diagonal band (pair)  |
| <a href="#">61882</a> |  6191  | nucleus striae diagonalis (par) (U)  | nucleus of diagonal band (pair) (U)  |
| <a href="#">61885</a> |  6192  | substantia innominata (par) (U)  | innominate substance (pair) (U)  |
|                       |  6209  | nuclei septales (par) (U)  | septal nuclei (pair) (U)   |
| <a href="#">61877</a> |  6210  | nucleus septalis dorsalis (par) (U)  | dorsal septal nucleus (pair) (U)   |
| <a href="#">61878</a> |  6211  | nucleus septalis lateralis (par) (U)   | lateral septal nucleus (pair) (U)  |
| <a href="#">61879</a> |  6212  | nucleus septalis medialis (par) (U)  | medial septal nucleus (pair) (U)   |
| <a href="#">77547</a> |  6101  | nucleus septalis precommissuralis (par) (U)  | precommissural septal nucleus (pair) (U)   |
| <a href="#">61881</a> |  6213  | nucleus septofimbrialis (par) (U)  | septofimbrial nucleus (pair) (U)   |
| <a href="#">61880</a> |  6214  | nucleus septalis triangularis (par) (U)  | triangular septal nucleus (pair) (U)   |
|                       | 8623  | nuclei areae preoptici (par) (U)   | nuclei of preoptic area (pair) (U)   |
| <a href="#">62326</a> |  5915  | nucleus preopticus lateralis (par) (U)   | lateral preoptic nucleus (pair) (U)  |
| <a href="#">67890</a> |  5916  | nucleus preopticus medialis (par) (U)  | medial preoptic nucleus (pair) (U)   |
| <a href="#">62323</a> |  5917  | nucleus preopticus medianus (par) (U)  | median preoptic nucleus (pair) (U)   |
| <a href="#">62324</a> |  5919  | nucleus preopticus periventricularis (par) (U)   | periventricular preoptic nucleus (pair) (U)  |
|                       | 8624↓   | nucleus preopticus ventrolateralis (par) (U)   | ventrolateral preoptic nucleus (pair) (U)  |
|                       |  5914  | nuclei interstitiales (par) (U)  | interstitial nuclei (pair) (U)   |
|                       | 8625  | nucleus dimorphus sexualis (par) (U)   | sexual dimorphic nucleus (pair) (U)  |
|                       | 8626  | cellulae dopaminergicae areae preoptici<br>(par) (U); cellulae dopaminergicae A15 (par)                            | dopaminergic cells of preoptic area (pair)<br>(U) (U)  |

## SCIENTIFIC NOTES

**UID Libelle of note**

- 5971 Some new items have been added from *ten Donkelaar HJ, Tzourio-Mazoyer N, Mai JK (2018) Toward a common terminology for the gyri and sulci of the human cerebral cortex. Front Neuroanat 12:93.*
- 5972 The Pallium has four components of which the Pallium dorsale gives rise to the Isocortex (Neocortex), the Pallium laterale to the Claustrinsular complex, the Pallium mediale to the Formatio hippocampi, and the Pallium ventrale to the Olfactory cortex and the Pallial amygdala (see TE, Section Neuroembryology).
- 5992 For the Polus frontalis (Frontal pole) and its subdivision, see Petrides M, Pandya DN (2012) The frontal lobe. In: Mai JK, Paxinos G, eds: *The Human Nervous System*, 3rd ed. Elsevier, Amsterdam, pp 988-1011; Bludau S, Eickhoff SB, Mohlberg H, et al. (2014) Cytoarchitecture, probability maps and functions of the human frontal pole. *Neuroimage* 93:260-275.
- 5996 For subdivision of Broca's area, see Amunts K, Schleicher A, Bürgel U, et al. (1999) Broca's region revisited: Cytoarchitecture and intersubject variability. *J Comp Neurol* 412:319-341). The Sulcus diagonalis (of Eberstaller) is a variable branch of the Sulcus lateralis, dividing the Pars opercularis into two parts. The Sulcus radiatus (of Eberstaller) may indent the Pars triangularis from above.
- 6005 See note # 6006
- 6006 The Angular and supramarginal gyri form with the Parietal operculum the Lobulus parietalis inferior (Inferior parietal lobule or IPL). The Gyrus angularis (Angular gyrus; BA39) can be further subdivided (see Caspers S, Amunts K, Zilles K 2012 Posterior parietal cortex. In: Mai JK, Paxinos G, eds: *The Human Nervous System*, 3rd ed. Elsevier, Amsterdam, pp 1036-1035). The Operculum parietale (Parietal operculum) contains four cytoarchitectonic, functionally defined areas OP1-4 (see Eickhoff S, Schleicher A, Zilles K, Amunts K 2006a The human parietal operculum. I. Cytoarchitectonic mapping of subdivisions. *Cereb Cortex* 16:254-267; Eickhoff S, Amunts K, Mohlberg H, Zilles K 2006b Stereotaxic maps and correlation with functional imaging results. *Cereb Cortex* 16:268-279). The Gyrus supramarginalis (Supramarginal gyrus; BA40) can be further subdivided (see Caspers et al. 2012).
- 6007 See note # 6006
- 6008 In monkeys, the Intraparietal sulcus contains numerous intraparietal areas (AIP, LIP, MIP, PIP and VIP), area PEip and area V6A (Rizzolatti G, Luppino G, Matelli M 1998 The organization of the cortical motor system: New concepts. *Electroencephalogr Clin Neurophysiol* 106:283-296). In the human brain, at least AIP and VIP areas have been identified (Seitz RJ, Binkofski F 2003 Modular organization of parietal lobe functions as revealed by functional activation studies. *Adv Neurol* 93:281-292).
- 6011 The Lobulus parietalis superior (Superior parietal lobule or SPL) can be divided into a Preparietal area (BA5 with subdivisions) and a Superior parietal area (BA7 with subdivisions; see Scheperjans F, Eickhoff SB, Mohlberg H, et al. 2008 Probabilistic maps, cytoarchitectonic morphometry, and variability of areas in human superior parietal cortex. *Cereb Cortex* 18:2141-2157).
- 6012 See note # 6006
- 6019 The Gyrus temporalis superior (Superior temporal gyrus; BA22) is not a homogeneous cortical area; it contains various cytoarchitectonically and functionally distinct cortical areas. Its Pars anterior (Anterior part or Belt area) forms the Secondary auditory cortex (BA42 or A2; see Morosan P, Rademacher J, Schleicher A, et al. 2001 Human primary auditory cortex: Cytoarchitecture, subdivisions and mapping into a spatial reference system. *Neuroimage* 13:684-701; Zilles and Amunts 2012). Its Pars posterior (Posterior part or Wernicke's area) is a loosely defined region which comprises the Posterior part of BA22 but also parts of the Inferior parietal lobule.
- 6020 See note # 6019
- 6021 The Dorsal part of the Gyrus temporalis superior contains three Sulci temporales transversi (Transverse temporal sulci): the Planum polare (Polar plane) is separated from the Transverse temporal gyri of Heschl by the Sulcus temporalis transversus anterior (Anterior transverse temporal sulcus), the Gyri temporales transversi (Transverse temporal gyri) are subdivided by the Sulcus temporalis transversus intermedius (Intermediate transverse temporal sulcus), and the Planum temporale (Temporal plane) is separated from the Posterior transverse temporal gyrus by the Sulcus temporalis transversus posterior (Posterior transverse temporal sulcus or Heschl's sulcus; see Duvernoy 1992).
- 6024 See note # 6021
- 6029 For the Inferomedial aspect of the Temporal lobe, usually the terms Gyrus temporalis inferior (T3), Gyrus fusiformis (T4) and Gyrus parahippocampalis (T5) are used, separated by the Occipitotemporal and the Collateral sulci.
- 6030 See note # 9188
- 6052 The following Gyri orbitales can be distinguished: 1) the Gyrus orbitalis medialis, the gyrus between the olfactory sulcus and the medial orbital sulcus; 2) the Gyrus orbitalis anterior, the cortex rostral to the transverse orbital sulcus; 3) the Gyrus orbitalis posterior, the cortex caudal to the transverse orbital sulcus; and 4) the Gyrus orbitalis lateralis, the gyrus lateral to the lateral orbital sulcus. The caudal parts of the medial and posterior orbital gyri merge to form the Lobulus orbitalis posteromedialis as described by Türe U, Yasargil DCH, Al-Mefti O, Yasargil MC (1999 Topographic anatomy of the insular region. *J Neurosurg* 90:720-733) and Naidich TP, Kang E, Fatterpekar GM, et al. (2004 The insula: Anatomic study and MR imaging display at 1.5T. *AJNR Am J Neuroradiol* 25:222-232). Mai and Majtanik (2017 *Human Brain in Standard MNI Space*. Academic/Elsevier, San Diego) also described a Regio orbitalis posterolateralis.
- 6053 Lateral to the Sulcus olfactorius, there are two longitudinally directed sulci, the Sulcus orbitalis medialis and the Sulcus orbitalis lateralis, which are joined together by the Sulcus orbitalis transversus to form the impression of an H or a K pattern (Duvernoy 1992; Petrides and Pandya 2012). The cingulate sulcus continues around the rostrum of the corpus callosum, where it is also known as the Sulcus rostralis superior. This sulcus may continue as the Sulcus rostralis inferior, which separates the straight gyrus from the medial surface of the frontal lobe.
- 6067 The Gyrus cingularis (Cingulate gyrus) can at least be divided into an Anterior, a Posterior and a Retrosplenial part. Vogt BA, Palomero-Gallagher N (2012 Cingulate cortex. In: Mai JK, Paxinos G, eds: *The Human Nervous System*, 3rd ed. Elsevier, Amsterdam, pp 943-987) added a Midcingulate cortex.
- 6069 See note # 8762

- The Uncus is treated in various ways: 1) as the rostral part of the Parahippocampal gyrus; 2) as a structure on its own. TNA suggests the latter. Insausti R and Amaral DG (2012 Hippocampal formation. In: Mai JK, Paxinos G, eds: The Human Nervous System, 3rd ed. Elsevier, Amsterdam, pp 896-942) advocated to restrict the term Uncus to the Gyrus uncinatus, the Band or limb of Giacomini and the Gyrus intralimbicus (or Uncal apex). The Sulcus semianularis (Semi-anular sulcus) separates the Ambient and Semilunar sulci (see Duvernoy HM 1992, 1998 The Human Hippocampus, 2nd ed. Springer, Berlin-Heidelberg-New York). The Gyrus uncinatus is the most rostral part of Uncal bulge, according to Insausti and Amaral (2012) and part of field CA1. The Limbus fasciae dentatae (Band of dentate gyrus) is the Middle part of the Uncus, first described by Giacomini CH (1884 Fascia dentata du grand hippocampe dans le cerveau de l'homme. Arch Ital Biol 5:1-16, 205-209, 396-417) and part of the Dentate gyrus. The Gyrus intralimbicus (Intralimbic gyrus or Uncal apex) is the most caudal part of the Uncal bulge and part of field CA3.
- The Archicortex includes the Hippocampus (Ammon's horn, Dentate gyrus and Subiculum), Presubiculum, Parasubiculum, Entorhinal cortex, Retrosplenial cortex and a cortical band in the Cingulate gyrus (Stephan 1975; Zilles K, Amunts K 2012 Architecture of the cerebral cortex. In: Mai JK, Paxinos G, eds: The Human Nervous System, 3rd ed. Elsevier, Amsterdam, pp 836-895).
- The Paleocortex includes the Olfactory bulb, Retrobulbar region ('Anterior olfactory nucleus'), Olfactory tubercle, Septal and Piriform (BA51) regions and a minor part of the Amygdala (Stephan 1975; Zilles and Amunts 2012).
- The Allocortex includes the Paleocortex and the Archicortex (Filimonoff IN 1947 A rational subdivision of the cerebral cortex. Arch Neurol Psychiatry 58:296-311; Stephan H 1975 Allocortex. In: Bargmann W (ed) Handbuch der mikroskopischen Anatomie des Menschen, Vol 4: Nervensystem, Band 9. Springer).
- The Mesocortex (Rose M 1927 Der Allocortex bei Tier und Mensch. I. Teil. J Psychol Neurol (Lpz) 34:1-11) comprises the Proisocortex, a transition area between the Isocortex and the Allocortex, and the Periallocortex, the adjoining part of the Allocortex (Filimonoff 1947); also known as Paralimbic cortex (Mesulam 1985). The Periallocortex can further be subdivided into the Peripaleocortex (Claustrum) and the Periarchicortex (Entorhinal, Presubicular and Retrosplenial cortices and part of the Cingulate gyrus; Filimonoff 1947; Zilles and Amunts 2012).
- Under this Heading the structures presented in TA as Substantia basalis, Substantia innominata and Area septalis are grouped. Reichert's 'Substantia innominata' was for a long time a 'terra incognita' of the Basal forebrain. The extensive studies by Heimer and colleagues (Heimer L, Harlan RE, Alheid GF, et al. 1997 Substantia innominata: A notion which impedes clinico-anatomical correlations in neuropsychiatric disorders. Neuroscience 76:957-1006; Heimer et al. 1999; Sakamoto et al. 1999) make the term SI more or less superfluous.
- The Nuclei of the Corpus amygdaloideum (Amygdaloid body) are replaced into groups following de Olmos JS (2004 Amygdala. In Paxinos G, Mai JK, eds: The Human Nervous System, 2nd ed. Elsevier, Amsterdam, pp 739-868) and Mai JK, Paxinos G, Voss T (2008 Atlas of the Human Brain, 3rd ed. Elsevier, Amsterdam).
- See note # 8686
- The Nucleus striae terminalis (Bed nucleus of the stria terminalis) can be subdivided into various subnuclei, the best known are the Lateral and Medial divisions (see Heimer L, de Olmos J, Alheid GF, et al. 1999 The human basal forebrain, Part 1. Handb Chem Neuroanatomy 15:57-226; Sakamoto N, Pearson J, Shinoda K, Alheid GF 1999 The human basal forebrain, Part 1. Handb Chem Neuroanat 15:1-55).
- Traditionally, the Claustrum is divided into a Dorsal (Insular) claustrum, connected with the Isocortex, and a Ventral (Piriform) claustrum or Endopiriform nucleus, connected with the Allocortex (see Druga R 2014 The structure and connections of the claustrum. In: Smythies JR, Edelstein LR, Ramachandran VS, eds: The Claustrum, Academic Press, San Diego, CA, pp 29-84).
- The Subpallium develops from four Developmental domains (see Puelles L, Harrison M, Paxinos G, Watson C 2013 A developmental ontology for the mammalian brain based on the prosomeric model. Trends Neurosci 36:570-578). Traditionally, the Preoptic area is discussed together with the Hypothalamus. The Amygdala arises from all four Subpallial domains as well as from the Pallium ventrale.
- The Pars retrolentiformis of the Internal capsule should be treated as a separate component, not as part of the Posterior limb; Crus retrolentiforme suggested as synonym. The Pars sublenticiformis also forms a separate component of the Internal capsule; Crus sublenticiforme suggested as synonym.
- See note # 6254
- The Capsula extrema (Extreme capsule) forms one of the Long association systems involved in language processing (see Catani M, Thiebaut de Schotten M 2012 Atlas of Human Brain Connections. Oxford University Press, Oxford).
- Although in the Fasciculus arcuatus (Arcuate fasciculus) three segments (anterior, long and posterior) were distinguished (Cayani M, Jones DK, ffytche DH 2005 Perisylvian language pathways. Ann Neurol 57:8-16), more recent research showed that the anterior segment belongs to the superior longitudinal fasciculus and the posterior segment is in reality separate and was renamed Fasciculus temporoparietalis verticalis (temporoparietal vertical or aslant tract), leaving the long segment as the true arcuate fasciculus (Fernandez-Miranda JC, Wang Y, Pathak S, et al. 2015 Asymmetry, connectivity, and segmentation of the arcuate fascicle in the human brain. Brain Struct Funct 220:3665-3680)
- The Fasciculus longitudinalis superior (Superior longitudinal fasciculus) appears to be composed of three bundles (SLFI-III or Superior, Middle and Inferior; Makris N, Kennedy DN, McInerney S, et al. 2005 Segmentation of subcomponents within the superior longitudinal fascicle in humans: A quantitative, in vivo, DT-MRI study. Cereb Cortex 15:854-869) as in monkeys (Schmahmann JD, Pandya DN 2006 Fiber Pathways of the Brain. Oxford University Press, New York; Thiebaut de Schotten M, Dell'Acqua F, Valabreque R, Catani M 2012 Monkey to human comparative anatomy of the frontal lobe association tracts. Cortex 48:82-96).
- Here, the new nomenclature for the long association fibres of the cerebrum is advocated as proposed by Mandonnet E, Sarubbo S, Petit L (2018 The nomenclature of human white matter association pathways: Proposal for a systematic taxonomic anatomical classification. Front Neuroanat 12:94).
- The Fibrae U-figuratae (U-shaped fibres) were first described by Meynert (1872), and replaced the term Fibrae arcuatae cerebri (Arnold 1838) that became obsolete.
- Recently, the Fasciculus temporoparietalis verticalis (Temporoparietal aslant tract) was demonstrated, replacing the vertical segment of the arcuate fasciculus (Panesar SS, Belo JT, Yeh F-C, Fernandez-Miranda JC 2019 Structure, asymmetry, and connectivity of the human temporo-parietal aslant and vertical occipital fasciculi. Brain Struct Funct 224:907-923; see also 6273).
- (Commissura hippocampi): The old term Psalterium has been added; much in use by clinicians; for a study on the

- 6286 cells of origin of commissural connections of the monkey hippocampal formation, see Amaral DG, Insausti R, Cowan WM (1984) The commissural connections of the monkey hippocampal formation. *J Comp Neurol* 224:307-336.
- 8539 The Via endofolialis (Endfolial pathway) is composed of Hilar Schaffer collaterals from CA3h (see Lim C, Mufson EJ, Kordower JH, et al. 1997 Connections of the hippocampal formation in humans. II. The endfolial pathway. *J Comp Neurol* 385:352-371).
- 8624 The Nucleus preopticus ventrolateralis is a recently discovered Preoptic nucleus, a sleep-promoting nucleus (Saper CB, Chou TC, Scammell TE 2001 The sleep switch: Hypothalamic control of sleep and wakefulness. *Trends Neurosci* 24:726-731).
- 8659 The Sulcus frontomarginalis (Frontomarginal sulcus of Wernicke) is an important landmark in the frontal polar region (Duvernoy HM 1992 *Le cerveau humain*. Springer, Paris; Tamraz JC, Comair YG 2006 *Atlas of Regional Anatomy of the Brain Using MRI*. Springer, Berlin-Heidelberg-New York), and used as such in the DTI literature (Catani M, Thiebaut de Schotten M 2012 *Atlas of Human Brain Connections*. Oxford University Press, Oxford).
- 8663 The various Motor areas of the Frontal lobe are known as F1-F7 in monkey brains (see Geyer G, Luppino L, Rozzi G 2012 Motor cortex. In: Mai JK, Paxinos G, eds: *The Human Nervous System*, 3rd ed. Elsevier, Amsterdam, pp 1012-1035): F1 is the Primary motor cortex, F2 the Caudal part of the Cortex premotorius dorsalis, F3, the the Caudal part of the Cortex premotorius medialis (SMA proper), F4 the Caudal part of the Cortex premotorius ventralis, F5 the Rostral part of the Cortex premotorius ventralis, F6 the Rostral part of the Cortex premotorius medialis (Pre-SMA), and F7 the Rostral part of the Cortex premotorius dorsalis.
- 8664 See note # 8663
- 8665 See note # 8663
- 8666 Usually, the Sulcus centralis does not reach the Sulcus lateralis and is separated from it by a short gyrus, the Gyrus subcentralis, which is formed by the 'fusion' of the Precentral and Postcentral gyri in their ventralmost parts. The Subcentral gyrus is delimited in front and behind by the Anterior and Posterior subcentral sulci (Dejerine 1895; Duvernoy 1992; Petrides and Pandya 2012). Also known as: Central or Rolandic operculum, and Inferior frontoparietal 'pli de passage'.
- 8667 See note # 8666
- 8668 See note # 8666
- 8671 See note # 8663
- 8672 See note # 8663
- 8675 See note # 6052
- 8676 See note # 6052
- 8677 See note # 6052
- 8678 See note # 6052
- 8679 See note # 6053
- 8680 See note # 6053
- 8681 See note # 6053
- 8686 The term Nucleus olfactorius anterior of TA is mostly cortical and is replaced by the more appropriate term Regio retrobulbaris (see Zilles and Amunts 2012). The two- or three-layered structure recognizable in lower primates is hardly visible in the human brain.
- 8706 See note # 6019
- 8708 See note # 6019
- 8714 The Cortex ectorrhinalis (BA36) is often included as part of the Perirhinal cortex (Ding S-L, Van Hoesen GW 2010 Borders, extent, and topography of human perirhinal cortex as revealed using multiple modern neuroanatomical and pathological markers. *Hum Brain Mapp* 31:1359-1379) but lies on the other side of the Collateral sulcus.
- 8719 The Cortex perirhinalis (Perirhinal cortex) is also not included in TA; for description, see Augustinack JC, Huber KE, Stevens AA, et al. (2013 Predicting the location of human perirhinal cortex, Brodmann's area 35, from MRI. *Neuroimage* 64:32-42).
- 8724 Field CA4 appears to correspond most closely to the polymorph zone of the Dentate gyrus, and, therefore, is not a field of the Hippocampus at all. Amaral and Insausti (Amaral DG, Insausti R 1990 Hippocampal formation. In: Paxinos G, ed: *The Human Nervous System*. Academic Press, San Diego, CA, pp 711-755) suggested the term 'CA3h' for the pyramidal cells within the hilus ('h'), continuous with CA3.
- 8734 See note # 6071
- 8735 See note # 6071
- 8736 See note # 6071
- 8737 See note # 6071
- 8738 See note # 6071
- 8739 In the French literature, for the Inner ring of the Limbic lobe the term Gyrus intralimbicus is used. In the German literature, however, this term is used for the Uncal apex.
- 8740 The Cortex entorrhinalis (Entorrhinal cortex) is not included in TA; for description, see Braak H, Braak E (1992 The human entorrhinal cortex: Normal morphology and lamina-specific pathology in various diseases. *Neurosci Res* 15:6-31. The Substantia reticularis alba (White reticular substance of Arnold) is the white matter surrounding the darker patches of Layer 2 cell islands. The Verrucae hippocampi (Hippocampal warts) are located above these cell islands and described by Retzius G (1896 *Das Menschenhirn: Studien in der makroskopischen Morphologie*. Norstedt, Stockholm) and Klingler J (1948 *Die makroskopische Anatomie der Ammonsformation*. Denkschr Schweiz Naturforsch Ges, Vol 78, Fretz, Zürich). They mark the surface of the Entorrhinal cortex.
- 8742 See note # 8740
- 8756 The Sulcus intrarhinalis (Intrarhinal sulcus) is found between the Ambient gyrus and the Entorrhinal cortex (see Duvernoy 1992; Insausti and Amaral 2012).
- 8757 See note # 8762

- 8762 The Dentes subiculi (Gyri of Andreas Retzius) were described by Retzius (1896) for the Caudal part of CA1 at the Hippocampal tail; the term Gyri subspleniales (Subsplenial gyri) indicate their position. Deep to the Gyri andreae retzii, two obliquely oriented small gyri are found (Duvernoy 1998; Insausti and Amaral 2012): 1) a medial gyrus: the Fasciola cinerea, which forms the visible part of the Dentate gyrus as described by Giacomini (1884) and Klingler (1948); and 2) a lateral gyrus: Gyrus fasciolaris (Fasciolar gyrus), corresponding to the caudal end of the CA3 field.
- 8768 The Cortex perirhinalis (Perirhinal cortex; BA35) and the Transentorhinal subregion of Braak and Braak (1992) are somewhat synonymous terms (Augustinack JC, Huber KE, Stevens AA, et al. 2013 Predicting the location of human perirhinal cortex, Brodmann's area 35, from MRI. *Neuroimage* 64:32-42). In other studies (Ding S-L, Van Hoesen GW 2010 Borders, extent, and topography of human perirhinal cortex as revealed using multiple modern neuroanatomical and pathological markers. *Hum Brain Mapp* 31:1359-1379), BA 36 is included within the Perirhinal cortex. This is unfortunate since BA35 is periarcticortex but BA36 (Entorhinal cortex) is truly isocortex. The Layers of BA35 are comparable to those of the adjacent Entorhinal cortex.
- 8780 See note # 5996
- 8781 The Sulcus intermedius primus (First intermediate sulcus of Jensen) may subdivide the Lobulus parietalis inferior into the Gyrus supramarginalis and the Gyrus angularis (Duvernoy 1992; Tamraz and Comair 2006). The Sulcus intermedius secundus (Second intermediate sulcus of Eberstaller) is found posterior to Jensen's sulcus.
- 8782 See note # 8781
- 8793 See note # 5972
- 8797 The large cholinergic neurons of the Striatum were originally described as Giant interneurons by Kölliker. Three types of GABAergic striatal interneurons can be distinguished, based on size and the colocalization of Parvalbumin, Somatostatin/NPY and Calretinin (Bolam 2010; Haber et al. 2012).
- 8798 See note # 5972
- 8820 Mainly GABAergic interneurons (see Markram H, Toledo-Rodriguez M, Wang Y, et al. 2004 Interneurons of the neocortical inhibitory system. *Nat Rev Neurosci* 5:793-807; Ascoli GA et al. 2008 Petilla terminology: Nomenclature of features of GABAergic interneurons of the cerebral cortex. *Nat Rev Neurosci* 9:557-568; DeFelipe J et al. 2013 New insights into the classification and nomenclature of cortical GABAergic interneurons. *Nat Rev Neurosci* 14:202-216); the current subdivision is based on preferred postsynaptic region.
- 8826 See note # 5972
- 8827 See note # 5972
- 8830 Functional subdivision of the Isocortex as described by Mesulam M-M (1985 Patterns in behavioral neuroanatomy. In: Mesulam M-M, ed: *Principles of Behavioral Neurology*. Davis, Philadelphia, PA, pp 1-70). The Granular isocortex ranges from Hypergranular through Granular to Dysgranular.
- 9122 The Lobulus parietalis superior may be divided into an anterior and a posterior portion by the Sulcus parietalis transversus (Transverse parietal sulcus of Brissaud), originating on the medial side and extending to the lateral side of the hemisphere (see Tamraz and Comair 2006).
- 9135 Here, the Isocortical neurons are added, in part following and modifying TH terms. They are subdivided into Pyramidal neurons (Projection, Commissural and Association neurons) and Excitatory and Inhibitory interneurons. In general, Small pyramidal neurons are found in Layer II and give rise to ipsilateral Corticocortical projections. Medium-sized pyramidal neurons are found in Layer III and give rise to Commissural projections. The Large pyramidal neurons in Layer V give rise to the Corticofugal projections (Mountcastle VB 1998 *The Cerebral Cortex*. Harvard University Press, Cambridge, MA).
- 9180 The Pallium laterale gives rise to the Claustrum-insular complex (see Puelles L 2014 Development and evolution of the claustrum. In: Smythies JR, Edelman LR, Ramachandran VS, eds: *The Claustrum*, Academic Press, San Diego, CA, pp 119-176).
- 9188 The Insula is composed of three Belt regions (see Mesulam M-M and Mufson EJ (1985 The insula of Reil in man and monkey. *Architectonics, connectivity and function*. In: Peters A, Jones EG, eds, *Cerebral Cortex*, Vol 4, Plenum Press, New York, pp 179-226): 1) The Cortex insularis agrularis (Agrular insular cortex, where Layers II and IV are lacking) in the Anterior insula is characterized by a Superficial pyramidal layer and an Inner cell layer, continuous with the Pyramidal layer of the Piriform cortex. Here, the recently rediscovered von Economo neurons (VENs) are found (see Allman JM, Tetreault NA, Hakeem AY, et al. 2011 The von Economo neurons in fronto-insular and anterior cingulate cortex. *Ann NY Acad Sci* 1225:59-71). 2) The Cortex insularis dysgranularis (Dysgranular insular cortex), a Proisocortical region characterized by the presence of an inconspicuous Inner granular layer IV. Layers V and VI are also not as clearly separated from each other as in true isocortex. 3) The Cortex insularis granularis (Granular insular cortex), a posterior granular region with clearly visible Inner (layer IV) and Outer (layer II) granular layers (True isocortex; see also Zilles and Amunts 2012).
- 9223 See note # 9188
- 9227 See note # 9188
- 9305 The classic Golgi studies by Cajal (Ramón y Cajal S 1909-1911 *Histologie du système nerveux de l'homme et des vertébrés*. Maloine, Paris) and Lorente de Nó R (1934 Studies on the structure of the cerebral cortex. II. Continuation of the study of the ammonic system. *J Psychol Neurol (Lpz)* 46:113-177) showed the presence of some 20 different types of interneurons in the Hippocampus. Most of them have been immunohistochemically defined (see Freund TF, Buzsáki G 1996 Interneurons of the hippocampus. *Hippocampus* 6:347-470; Somogyi P 2010 *Hippocampus: Intrinsic organization*. In: Shepherd GM, Grillner S, eds: *Handbook of Brain Microcircuitry*. Oxford University Press, New York, pp 148-164). Some 28 types of GABAergic interneurons can be distinguished (Somogyi 2010), basically: Basket neurons, Bistratified neurons, and Chandelier neurons.
- 9368 There are many types of Short-axon cells described by among others Blanes, Cajal (Vertical cell), Golgi and Van Gehuchten (Mori K 1987) Membrane and synaptic properties of identified neurons in the olfactory bulb. *Prog Neurobiol* 29:275-430; Shepherd GM, Chen WR, Greer CA 2004 Olfactory bulb. In: Shepherd GM, ed: *The Synaptic Organization of the Brain*, 5th ed. Oxford University Press, New York, pp 165-216). As in TH, these cells are not included.
- In the Cortex entorhinalis (Entorhinal cortex), Insausti et al. (Insausti R, Tuñón T, Sobreviela T, et al. 1995 The human entorhinal cortex: A cytoarchitectonic analysis. *J Comp Neurol* 355:171-198) distinguished 8 subfields (EO, ER, ELR, EMI, EI, ELC, EC and ECL). For the layers of the Entorhinal cortex, the subdivision by Insausti and Amaral (2012) into six Laminae is advocated. To avoid confusion with isocortical layers, here, arabic numerals are used as in the

- 9417 literature. TH Latin and English terms (H4.8.03.104/114) are added. For Layers 2 and 3, the general term External principal layer is advocated, for Layer 5 Internal principal layer, following Braak H, Braak E (1992 The human entorhinal cortex: Normal morphology and lamina-specific pathology in various diseases. *Neurosci Res* 15:6-31). Layer 2 is made up of islands of relatively large and darkly stained modified pyramidal and stellate cells (Braak and Braak 1992: Pre-a). Layer 3 corresponds to layers Pre-β and Pre-γ of Braak and Braak (1992). The layers Pre-a, Pre-β and Pre-γ form their External principal layer. Layer 5 corresponds to the Internal principal layer with sublayers Pri-a, Pri-β and Pri-γ of Braak and Braak (1992).
- 9433 The complex Cortex retrosplenialis (Retrosplenial cortex) consists of Periarhchicortical (BA26) and Proisocortical (BA29, 30) areas (Braak H 1980 *Architectonics of the Human Telencephalic Cortex*. Springer, Berlin-Heidelberg-New York; Zilles and Amunts 2012). The TH nomenclature (H4.8.03.122/129) seems to combine these different structures. The Cortex ectosplenialis (Ectosplenial cortex; BA26) has a primitive three-laminar pattern with Molecular, Densocellular and Multiform layers. The Cortex retrosplenialis granularis (Granular retrosplenial cortex; BA29) shows a four-layered structure: Molecular, External and Internal pyramidal and Multiform layers. The Cortex retrosplenialis dysgranularis (Dysgranular retrosplenial cortex; BA 30) shows a further progression of laminar differentiation with an additional (Internal) granular layer.
- 9454 For further subdivision of the Cortex cingularis (Cingulate cortex) with Layers, see Vogt BA, Palomero-Gallager N (2012) Cingulate cortex. In: Mai JK, Paxinos G, eds: *The Human Nervous System*, 3rd ed. Elsevier, Amsterdam, pp 934-987.
- 9459 This term, introduced in 1684 by Vieussens as 'Centrum ovale' to indicate the oval shape of the Cerebral white matter, continuous with the Internal capsule, was later changed into Centrum semiovale by Flatau E (1894 *Atlas des menschlichen Gehirns und des Faserverlaufes*. Karger, Berlin) and others. In the clinical literature, this term is common usage. It was included by His and colleagues in the BNA.
- 9508 The Pedunculus temporalis (Temporal peduncle) forms the connection between the temporal and frontal lobes and contains: (1) the Fasciculus occipitofrontalis inferior (Inferior occipitofrontal fasciculus); and (2) the Fasciculus uncinatus cerebri (Uncinate fasciculus).
- 9509 The Fasciculus subcallosus (Subcallosal fasciculus or Bundle of Muratoff; Muratoff W 1893 *Secundäre Degenerationen nach Durchschneidung des Balkens*. *Neurol Centralbl* 12:714-729) forms a separate bundle of Corticostriatal fibres (see Schmahmann JD, Pandya DN 2007 The complex history of the fronto-occipital fasciculus. *J Hist Med* 16:362-377).
- 9510 The Fasciculus frontalis obliquus (Frontal aslant tract or Frontal oblique tract) connects the SMA and pre-SMA with the opercular part of the Inferior frontal gyrus (Catani M, Dell'Acqua F, Vergani F, et al. 2012 Short frontal lobe connections of the human brain. *Cortex* 48:273-291).
- 9583 De Olmos (de Olmos J 1990 Amygdala. In: Paxinos G, ed: *The Human Nervous System*. Academic Press, San Diego, CA, pp 583-710) introduced the term 'Olfactory amygdala' for the 'Superficial cortex-like amygdaloid region' (Yilmazer-Hanke DM 2012 Amygdala. In: Mai JK, Paxinos G, eds: *The Human Nervous System*, 3rd ed. Elsevier, Amsterdam, pp 759-834).
- 9840 The Striatum and Putamen consist of AChE-poor Striosomes within an AChE-rich matrix (Graybiel AM, Ragsdale CW Jr 1978 Histochemically distinct compartments in the striatum of human, monkey and cat demonstrated by acetylthiocholinesterase staining. *Proc Natl Acad Sci USA* 75:5723-5726; Graybiel AM 1990 Neurotransmitters and modulators in the basal ganglia. *Trends Neurosci* 13:244-254).
- 9844 The term Fundus striati points to the ventral parts of the Caudate nucleus and Putamen, that with the Nucleus accumbens and the Olfactory tubercle form the Ventral Striatum.
- 9852 For Golgi studies see Braak H, Braak E (1982 Neuronal types in the striatum of man. *Cell Tissue Res* 227:319-342), and Graveland GA, Williams RS, DiFiglia M (1985 A Golgi study of the human neostriatum: Neurons and afferent fibers. *J Comp Neurol* 234:317-333); for immunohistochemical and physiological data see Bolam JP (2010 Microcircuits of the striatum. In: Shepherd GM, Grillner S, eds: *Handbook of Brain Microcircuits*. Oxford University Press, New York, pp 109-119) and Haber SN, Adler A, Bergman H (2012 The basal ganglia. In: Mai JK, Paxinos G, eds: *The Human Nervous System*, 3rd ed. Elsevier, Amsterdam, pp 678-838).
- 12155 In the Regio periamygdaloidea (Periamygdaloid region) according to Brockhaus H (1940 *Zur normalen und pathologischen Anatomie des Mandelkerngebietes*. *J Psychol Neurol (Lpz)* 49:1-136) and Stephan (1975) only two layers can be distinguished.
- 12158 Frequently, a series of furrows delineates the Sulcus paracinguli (Paracingulate sulcus), which separates the medial division of the superior frontal gyrus from the Gyrus paracinguli (Paracingulate gyrus).
- 12159 See note # 12158
- 12160 See note # 6052
- 12161 See note # 6052
- 12162 See note # 6053
- 12163 See note # 6053
- 12168 TH subdivision into six layers (H4.8.03.115/121) suggested a well-divided structure. Insausti and Amaral (2012) emphasized that the laminar organization of the Presubiculum is complex and only poorly understood. They described a single, superficially located cellular layer made up of External and Internal principal layers. Their subdivision is followed here.