
































































































































































































































organum visuale (par) 

PARTONOMY LIST

FMA	TA	UID	Short official Latin term	Short English equivalent
54448		6880	organum visuale (par)  ; visus (par) 	visual organ (pair)  ; sight (pair) 
54448		53	oculus  	eye  
12513		6881	bulbus oculi (par) 	eyeball (pair)
58112		6882	polus anterior (par) 	anterior pole (pair) 
58114		6883	polus posterior (par) 	posterior pole (pair) 
58142		6884	equator (par) 	equator (pair) 
		6885	meridiani (par) 	meridians (pair) 
58292		6886	axis bulbi externus (par)	external axis of eyeball (pair) 
58293		6887	axis bulbi internus (par)	internal axis of eyeball (pair) 
58163		6888	axis opticus bulbi oculi (par) 	optic axis of eyeball (pair) 
58865		6889	segmentum anterius (par) 	anterior segment (pair) 
58868		6890	segmentum posterius (par) 	posterior segment (pair) 
58102		6891↓	tunica fibrosa bulbi oculi (par) 	fibrous layer of eyeball (pair) 
58269		6892	sclera (par) 	sclera (pair) 
58411		6893	sulcus sclerae (par) 	scleral sulcus (pair)
58373		7531	laminae sclerae (par) 	scleral layers (pair) 
58362		6898	lamina episcleralis sclerae (par) 	episcleral layer of sclera (pair) 
58365		6899	substantia propria sclerae (par)  ; stroma sclerae (par)	substantia propria of sclera (pair); stroma of sclera (pair)
58368		6900	lamina fusca sclerae (par) 	suprachoroid layer of sclera (pair)
58371		6901	lamina cribrosa sclerae (par) 	cribrosal layer of sclera (pair) 
		7532	cellulae sclerae (par) 	cells of sclera (pair) 
		7535	melanocyti sclerae (par) 	scleral melanocytes (pair)
58342		6904↓	limbus corneae (par) 	corneoscleral junction (pair); corneal limbus (pair)
		8506	arcus lipoideus (par)  ; arcus senilis (par)  ; arcus corneae (par)	arcus lipoideus (pair); arcus senilis (pair); corneal arch (pair)
58577		7019	angulus iridocornealis (par) 	iridocorneal angle (pair) 
		6945	spatia anguli iridocornealis (par) 	spaces of iridocorneal angle (pair) 
77660		6894	reticulum trabeculare iridosclerale (par)  ; ligamentum pectinatum iridocorneale (par) 	iridoscleral trabecular meshwork (pair)  ; pectinate ligament of iridocorneal angle (pair)
59702		6895	pars corneoscleralis (par) 	corneoscleral part (pair) 
59703		6896	pars uvealis (par) 	uveal part (pair) 
59704		6897	calcar sclerae (par)	scleral spur (pair) 
51873		4657	sinus venosus sclerae  	scleral venous sinus  
		9870	venulae aquosae   	aqueous venules  ; aqueous veins  
58238		6902	cornea (par) 	cornea (pair) 
58345		6903	anulus conjunctivus (par) 	conjunctival ring (pair) 
58329		6905	vertex corneae (par) 	corneal vertex (pair) 
58317		6906	facies anterior (par) 	anterior surface (pair) 
58318		6907	facies posterior (par) 	posterior surface (pair) 
		7609	laminae corneae (par) 	corneal layers (pair) 
58263		6908	epithelium anterius corneae (par) 	anterior epithelium of cornea (pair)  ; corneal epithelium (pair)
58273		6909	lamina limitans anterior corneae (par) 	anterior limiting membrane of cornea (pair) 
58306		6910	substantia propria corneae (par)  ;	substantia propria of cornea (pair); 


































		stroma corneae (par)	stroma of cornea (pair)
58309		6911 lamina limitans posterior corneae (par)	posterior limiting membrane of cornea (pair)
312267		6912 epithelium posterius corneae (par)	posterior epithelium of cornea (pair) ; corneal endothelium (pair)
		7525 cellulae corneae (par)	cells of cornea (pair)
		7526 cellulae staminales corneae (par)	stem corneal cells (pair)
		7527 keratocyti corneae (par)	keratocytes of cornea (pair)
58103		6913 tunica vasculosa bulbi oculi (par) ; uvea (par)	vascular layer of eyeball (pair) ; uvea (pair)
58298		6914 choroidea (par)	choroid (pair)
58450		6916 spatium perichoroideum (par)	perichoroid space (pair)
58462		7453 laminae choroideae (par)	layers of choroid (pair)
58368		6915 lamina suprachoroidea choroideae (par)	suprachoroid layer of choroid (pair)
58435		6917 lamina vasculosa choroideae (par)	vascular layer of choroid (pair)
58437		6918 lamina choroidocapillaris (par)	choroidocapillar layer (pair)
58438		6919 complexus basalis choroideae (par)	basal complex of choroid (pair)
		7454 lamina basalis epithelii pigmentosi choroideae (par)	inner basal lamina of choroid (pair)
		12994 epithelium pigmentosum choroideae (par)	pigmented epithelium of choroid (pair)
		7455 stratum fibrosum internum choroideae (par)	inner fibrous layer of choroid (pair)
		7456 stratum elasticum choroideae (par)	elastic layer of choroid (pair)
		7457 stratum fibrosum externum choroideae (par)	external fibrous layer of choroid (pair)
		7458 lamina basalis vasis capillaris choroideae (par)	basal lamina of capillaries of choroid (pair)
		7459 cellulae choroideae (par)	cells of choroid (pair)
		8434 melanocyti choroidei (par)	choroid melanocytes (pair)
		6920 vasa sanguinea choroideae (par)	blood vessels of choroid (pair)
49952		8917 arteriae ciliares posteriores	posterior ciliary arteries
		8032↓ (arteria cilioretinalis)	(cilioretinal artery)
49962		3931 arteriae ciliares anteriores	anterior ciliary arteries
		4655 venae ciliares	ciliary veins
		4654 venae vorticosae	vorticose veins ; vortex veins
		14147 vena vorticosa superior lateralis	lateral superior vorticose vein
		14148 vena vorticosa superior medialis	medial superior vorticose vein
		14149 vena vorticosa inferior lateralis	lateral inferior vorticose vein
		14150 vena vorticosa inferior medialis	medial inferior vorticose vein
		12998 vasa capillaria choroideae (par)	capillaries of choroid (pair)
58295		6921 corpus ciliare (par)	ciliary body (pair)
58431		6922 corona ciliaris (par) ; pars plicata (par)	ciliary crown (pair) ; pars plicata (pair); corona ciliaris (pair)
58480		6925 anulus ciliaris (par) ; pars plana (par)	ciliary ring (pair) ; pars plana (pair)
76551		6923 processus ciliares (par)	ciliary processes (pair)
76439		6924 plicae ciliares (par)	ciliary folds (pair)
58838		7013 zonula ciliaris ; ligamentum suspensorium lentis	ciliary zonule ; suspensory ligament of lens
		7446 laminae ciliares (par)	layers of ciliary body (pair)
		7447 lamina supraciliaris (par)	supraciliary layer (pair)
49151		6926 musculus ciliaris (par)	ciliary muscle (pair)
		6927 fibrae meridionales (par) ; fibrae longitudinales corporis ciliaris (par)	meridional fibres (pair) ; longitudinal fibres (pair) ▲


















































































































		6929	fibrae radiales (par) 	radial fibres (pair)  ▲
		6930	fibrae circulares (par) 	circular fibres (pair)  ▲
312260		7452	stroma ciliare (par) 	ciliary stroma (pair) 
58476		6931	lamina basalis (par) 	basal layer (pair) 
58464		7481	epithelium ciliare (par)  ; pars ciliaris retinae (par) 	ciliary epithelium (pair)  ; ciliary part of retina (pair) 
		7482	epithelium pigmentosum corporis ciliaris (par) 	pigmented epithelium of ciliary body (pair) 
		7485	epithelium nonpigmentosum corporis ciliaris (par) 	nonpigmented epithelium of ciliary body (pair) 
58235		6932	iris (par) 	iris (pair) 
58507		6933	margo pupillaris (par) 	pupillary margin (pair) 
58508		6934	margo ciliaris (par) 	ciliary margin (pair) 
58491		6935↓	facies anterior (par) 	anterior surface (pair) 
		7742	zona pupillaris (par) 	pupillary zone (pair) 
		7758	crypta pupillae (par)	pupillary crypt (pair) 
		7488	catella (par) 	collarrette (pair) 
		7489	zona ciliaris (par) 	ciliary zone (pair) 
		7490	crypta iridis (par) 	crypt of iris (pair) 
58492		6936	facies posterior (par) 	posterior surface (pair) 
58113		6937	anulus iridis major (par)	outer ring of iris (pair)  ; outer border of iris (pair)
58328		6938	anulus iridis minor (par)	inner ring of iris (pair)  ; inner border of iris (pair)
58513		6939	plicae iridis (par) 	folds of iris (pair) 
		7491	plicae circulares iridis (par) 	circular folds of iris (pair) 
		7492	plicae radiales iridis (par) 	radial folds of iris (pair) 
58252		6940	pupilla (par) 	pupil (pair) 
77663		6948	(membrana pupillaris (par) 	(pupillary membrane (pair) 
		7755	laminae iridis (par) 	layers of iris (pair) 
		7493	stratum limitans anterius iridis (par) 	anterior limiting layer of iris (pair) 
		7494	melanocyti iridis (par) 	melanocytes of iris (pair) 
58526		6943	stroma iridis (par) 	stroma of iris (pair)  ; iris stroma (pair)
		7495	stratum anterius nonvasculosum iridicum (par) 	anterior nonvascular layer of iris (pair)
49157		6941	musculus sphincter pupillae (par)  ; sphincter pupillae (par) 	sphincter pupillae muscle (pair); sphincter pupillae (pair); sphincter muscle of pupil (pair)
		7496	stratum posterius vasculosum iridicum (par) 	posterior vascular layer of iris (pair)
58529		6946	circulus arteriosus major iridis  	major arterial circle of iris  
58581		6947	(circulus arteriosus minor iridis  	(minor arterial circle of iris  
		7507	cellulae congregatae (par) 	clump cells (pair) 
		7508	epithelia iridica (par) 	epithelia of iris (pair)
		7509	epithelium nonpigmentosum iridis (par) 	nonpigmented epithelium of iris (pair) 
49158		6942	musculus dilatator pupillae (par)  ; dilatator pupillae (par) 	dilatator pupillae muscle (pair); dilatator pupillae (pair); dilatator muscle of pupil (pair)
		7522	myoepitheliocyti iridici (par) 	myoepithelial cells of iris (pair)
58517		6944	epithelium pigmentosum iridis (par) 	pigmented epithelium of iris (pair) 
		7523	pigmentocyti iridis (par) 	pigmented cells of iris (pair)
58301		6949	tunica interna bulbi oculi (par)	internal layer of eyeball (pair) 
58301		6950	retina (par) 	retina (pair) 
58603		6951	pars caeca retinae (par) 	nonvisual retina (pair)








































































































58610		6952	pars ciliaris retinae (par)	ciliary part of retina (pair)
58611		6953	pars iridica retinae (par)	iridial part of retina (pair)
		7649	limbus posterior retinae (par)	posterior border of retina (pair)
		7650	epithelium simplex cuboideum pigmentosum limbi posterioris retinae (par)	simple cuboidal pigmented epithelium of posterior border of retina (pair) ; simple cuboidal pigmented epithelium of iridial part of retina (pair)
		7651↓	membrana basalis superficialis limbi posterioris retinae (par)	superficial basement membrane of posterior border of retina (pair)
		7652	pigmentocytii retinae (par)	pigment cells of retina (pair)
58600		6954	ora serrata (par)	ora serrata (pair)
58604		6955	pars optica retinae (par)	optic part of retina (pair)
58617		7645	strata retinae (par)	retinal layers (pair)
58627		6956	stratum pigmentosum retinae (par)	pigmented layer of retina (pair)
		6957	strata nervosa retinae (par)	nervous layers of retina (pair)
58680		6958	stratum segmentorum externorum et internorum retinae (par)	layer of outer and inner segments of retina (pair); layer of rods and cones of retina (pair)
58683		6959	stratum limitans externum retinae (par)	outer limiting layer of retina (pair); external limiting layer of retina (pair)
58684		6960	stratum nucleare externum retinae (par)	outer nuclear layer of retina (pair); external nuclear layer of retina (pair)
58685		6961	stratum plexiforme externum retinae (par)	outer plexiform layer of retina (pair); external plexiform layer of retina (pair)
58686		6962	stratum nucleare internum retinae (par)	inner nuclear layer of retina (pair); internal nuclear layer of retina (pair)
58704		6963	stratum plexiforme internum retinae (par)	inner plexiform layer of retina (pair); internal plexiform layer of retina (pair)
58687		6964	stratum ganglionicum retinae (par)	ganglionic layer of retina (pair)
58688		6965	stratum neurofibrarum retinae (par)	layer of nerve fibres of retina (pair) ▲
58689		6966	stratum limitans internum retinae (par)	inner limiting layer of retina (pair); internal limiting layer of retina (pair)
58634		6967	discus nervi optici (par); papilla nervi optici (par)	optic disc (pair) ; papilla of optic nerve (pair)
77664		6968↓	excavatio disci nervi optici (par)	optic disc excavation (pair); excavation of optic nerve head (pair)
58637		6969	macula lutea (par)	macula lutea (pair)
58658		6970	fovea centralis (par)	central fovea (pair) ; fovea centralis (pair)
58677		6971	foveola (par)	foveola (pair) ; foveal pit (pair)
		7646	stratum pigmentosum foveae centralis (par)	pigmented layer of central fovea of retina (pair) ; pigmented layer of fovea centralis (pair)
		7647	stratum nervosum foveae centralis (par)	nervous layer of central fovea of retina (pair) ; nervous layer of fovea centralis (pair)
		7648	stratum conorum foveae centralis (par)	layer of cones of central fovea of retina (pair)
		7644↓	neura retinalia (par)	retinal neurons (pair)
		7653	neura sensoria retinalia (par)	retinal sensory neurons (pair) ; photoreceptor cells (pair)
67747		7690	neura bacillifera (par) ; bacilla retinae (par)	rod cells (pair); rods (pair)
		7690	# neuron bacilliferum ; bacillum retinae	# rod cell; rod
62135		7692	segmentum externum neuri bacilliferi	external segment of rod cell
		7693	disci membranacei neuri bacilliferi	membranous discs of rod cell ▲
62224		7694	ponticulus conjunctivus neuri bacilliferi	connecting stalk of rod cell

67828	7695	cilium connectens neuri bacilliferi (U)	connecting cilium of rod cell (U)
	7708	spatium intersegmentale neuri bacilliferi (U)	intersegmental space of rod cell (U)
67789	7709	segmentum internum neuri bacilliferi (U)	internal segment of rod cell (U)
	7698	zona ellipsoidea neuri bacilliferi (U); ellipsoideum neuri bacilliferi	ellipsoid zone of rod cell (U); ellipsoid of rod cell
	7699	zona myoidea neuri bacilliferi (U); myoideum neuri bacilliferi	myoid zone of rod cell (U); myoid of rod cell
62226	7700	fibra externa neuri bacilliferi (U)	outer rod cell fibre ▲
62234	7701	soma neuri bacilliferi (U)	soma of rod cell (U)
	7702	processus axonalis neuri bacilliferi (U)	axonal process of rod cell (U)
62240	7703	fibra interna neuri bacilliferi (U)	inner rod cell fibre ▲
62241	7704	spherula neuri bacilliferi (U)	rod cell spherule
	7706	synapsis invaginans neuri bacilliferi (U)	invaginated synapse of rod cell (U)
67748	7707	neura conifera (par) (U); coni retinae (par) (U)	cone cells (pair); cones (pair)
	7707	# neuron coniferum (U); conus retinae (U)	# cone cell; cone
62157	7710	segmentum externum neuri coniferi (U)	outer segment of cone cell
	7712	disci membranacei neuri coniferi (U)	membranous discs of cone cell (U)
62225	7715	ponticulus conjunctivus neuri coniferi (U)	conjunctival stalk of cone cell (U)
62204	7717	cilium connectens neuri coniferi (U)	connecting cilium of cone cell (U)
	7718	spatium intersegmentale neuri coniferi (U)	intersegmental space of cone cell (U)
62213	7720	segmentum internum neuri coniferi (U)	inner segment of cone cell
	7721	zona ellipsoidea neuri coniferi (U); ellipsoideum neuri coniferi	ellipsoid zone of cone cell (U); ellipsoid of cone cell
	7722	zona myoidea neuri coniferi (U); myoideum neuri coniferi	myoid zone of cone cell (U); myoid of cone cell
62227	7723	fibra externa neuri coniferi (U)	outer cone cell fibre ▲
62235	7724	soma neuri coniferi (U)	soma of cone cell (U)
	7726	processus axonalis neuri coniferi (U)	axonal process of cone cell (U)
62239	7727	fibra interna neuri coniferi (U)	inner cone cell fibre ▲
62242	7728	pes terminalis neuri coniferi (U)	cone cell pedicle
	7729	synapsis invaginans neuri coniferi (U)	invaginated synapse of cone cell (U)
	7731	coni typi rubri (par); coni typi L (par)	L-type cones (pair); long-wavelength cones (pair); red cones (pair)
	7733	coni typi viridis (par); coni typi (par)	M-type cones (pair); medium-wavelength cones (pair); green cones (pair)
	7734	coni typi caerulei (par); coni typi S (par)	S-type cones (pair); short-wavelength cones (pair); blue cones (pair)
	13042	coni foveae centralis (par) (U)	cones of central fovea of retina (pair) (U)
67749	7654	neura bipolaria (par) (U)	bipolar neurons (pair) (U); bipolar cells (pair)
67750	7659	neura bipolaria bacillobipolaria (par) (U)	rod bipolar neurons (pair); rod bipolar cells (pair)
62092	7660↓	neura bipolaria coniferobipolaria (par) (U); neura bipolaria conotopica (par)	cone bipolar neurons (pair); cone bipolar cells (pair)
62093	7661	neura bipolaria coniferobipolaria nana (par) (U); neura bipolaria conotopica nana (par)	midget cone bipolar neurons (pair); midget cone bipolar cells (pair)

	7662	neura bipolaria coniferobipolaria nana plana (par) ^U ; neura bipolaria conotopica nana plana (par)	flat midget cone bipolar neurons (pair); flat midget cone bipolar cells (pair)
	7663	neura bipolaria coniferobipolaria nana invaginantia (par) ^U ; neura bipolaria conotopica nana invagins (par)	invaginating midget cone bipolar neurons (pair); invaginating midget cone bipolar cells (pair)
62094	7664	neura bipolaria coniferobipolaria nana caerulea (par) ^U ; neura bipolaria conotopica nana caerulea (par)	blue cone bipolar neurons (pair); blue cone bipolar cells (pair)
62095	7665	neura bipolaria coniferobipolaria diffusa (par) ^U ; neura bipolaria conotopica diffusa (par)	diffuse cone bipolar neurons (pair); diffuse cone bipolar cells (pair)
	7666	neura bipolaria coniferobipolaria bistratificata gigantea (par) ^U ; neura bipolaria conotopica bistratificata gigantea (par)	giant bistratified cone bipolar neurons (pair); giant bistratified cone bipolar cells (pair)
	7667	neura bipolaria coniferobipolaria diffusa nongigantea (par) ^U ; neura bipolaria conotopica diffusa nongigantea (par)	nongiant diffuse cone bipolar neurons (pair); nongiant diffuse cone bipolar cells (pair)
67765	7655↓	neura ganglionaria retinalia (par) ^U	retinal ganglion neurons (pair); retinal ganglion cells (pair)
	7668	neura ganglionaria umbelliformia magna (par) ^U	large parasol type ganglion neurons (pair); large parasol type ganglion cells (pair); M type ganglion cells (pair)
	7669↓	neura ganglionaria umbelliformia parva (par) ^U	small parasol type ganglion neurons (pair); small parasol type ganglion cells (pair); P2 type ganglion cells (pair)
	7670	neura ganglionaria nana (par) ^U	midget ganglion neurons (pair); midget ganglion cells (pair); P1 type ganglion cells (pair)
67764	7656	neura horizontalia (par) ^U	horizontal neurons (pair) ^U ; horizontal cells (pair)
67913	7735	neura horizontalia typi I (par) ^U	horizontal neurons of I type (pair) ^U
67914	7736	neura horizontalia typi II (par) ^U	horizontal neurons of II type (pair) ^U
67766	7657↓	neura amacrina (par) ^U	amacrine neurons (pair) ^U ; amacrine cells (pair)
67767	7671	neura amacrina diffusa (par) ^U	diffuse amacrine neurons (pair) ^U ; diffuse amacrine cells (pair)
62110	7672	neura amacrina stratificata (par) ^U	stratified amacrine neurons (pair) ^U ; stratified amacrine cells (pair)
	7673	neura amacrina bacilloamacrina (par) ^U	rod-related amacrine neurons (pair); rod-related amacrine cells (pair)
	7674↓	neura amacrina bistratificata campi angusti; neura amacrina AII (par)	A2 narrow-field bistratified amacrine neurons (pair); A2 narrow-field bistratified amacrine cells (pair)
	7675↓	neura amacrina mutuum campi lati; neura amacrina A17 (par)	A17 wide-field reciprocal amacrine neurons (pair); A17 wide-field reciprocal amacrine cells (pair)
	7676	neura amacrina dopaminergica (par) ^U ; neura amacrina A18 (par)	A18 dopaminergic amacrine neurons (pair); A18 dopaminergic amacrine cells (pair)
	7677	neura amacrina coniferoamacrina (par) ^U	cone-related amacrine neurons (pair); cone-related amacrine cells (pair)
	7678	neura amacrina campi angusti viae coniferotopicae angustae; neura amacrina A2 (par)	A2 narrow-field cone pathway amacrine cells (pair)
	7679	neura amacrina bistratificata viae coniferotopicae; neura amacrina A8 (par)	A8 bistratified cone pathway amacrine cells (pair)
	7680	neura amacrina campi parvi; neura amacrina A13 (par)	A13 small-field amacrine cells (pair)
	7681	neura amacrina de-in; neura amacrina A19 (par)	A19 OFF-ON amacrine cells (pair)
	7682	neuron amacrinum in-de; neura amacrina A20 (par)	A20 ON-OFF amacrine cells (pair)
		neuron amacrinum campi lati	

	7683	substantiae P; neura amacrina A22 (par)	A22 substance P-containing large field amacrine cells (pair)
62363	7684	neura amacrina cholinergica (par) (U)	acetylcholine-containing starburst amacrine cells (pair)
	7685	neura interplexiformia (par) (U)	interplexiform neurons (pair) (U)
62111	7658	gliocyti retinae (par) (U)	retinal glial cells (pair); gliocytes of retina (pair) (U)
54558	7686	gliocyti radiales retinae (par) (U)	radial gliocytes of retina (pair) (U); radial glial cells of retina (pair)
	7686	# gliocyty radialis retinae (U)	# radial gliocyte of retina (U); radial glial cell of retina
	7687	processus radialis (U)	radial process (U)
54543	7689	astrocyti protoplasmatici (par) (U)	protoplasmatic astrocytes (pair) (U)
50863	 6372	nervus opticus (U); nervus cranialis II (U) (E)	optic nerve (U); cranial nerve II (U); cranial nerve 2 (E)
	 6983	vasa sanguinea retinae (par) (U)	blood vessels of retina (pair) (U)
49879	 3921	arteria centralis retinae (E)	central retinal artery (U) (E)
49912	 6985	arteriola retinalis temporalis superior (U) (E)	superior temporal retinal arteriole (U) (E)
49917	 6986	arteriola retinalis temporalis inferior (U) (E)	inferior temporal retinal arteriole (U) (E)
49909	 6987	arteriola retinalis nasalis superior (U) (E)	superior nasal retinal arteriole (U) (E)
49915	 6988	arteriola retinalis nasalis inferior (U) (E)	inferior nasal retinal arteriole (U) (E)
51904	 6989	arteriola macularis superior (U) (E)	superior macular arteriole (U) (E)
51905	 6990	arteriola macularis inferior (U) (E)	inferior macular arteriole (U) (E)
51906	 6991	arteriola macularis media (U) (E)	middle macular arteriole (U) (E)
51799	 4659	vena centralis retinae (E)	central retinal vein (U) (E)
51913	 6992	venula retinalis temporalis superior (U) (E)	superior temporal retinal venule (U) (E)
51914	 6993	venula retinalis temporalis inferior (U) (E)	inferior temporal retinal venule (U) (E)
51916	 6994	venula retinalis nasalis superior (U) (E)	superior nasal retinal venule (U) (E)
51915	 6995	venula retinalis nasalis inferior (U) (E)	inferior nasal retinal venule (U) (E)
51917	 6996	venula macularis superior (U) (E)	superior macular venule (U) (E)
51918	 6997	venula macularis inferior (U) (E)	inferior macular venule (U) (E)
51919	 6998	venula macularis media (U) (E)	middle macular venule (U) (E)
58241	 6999	lentis (par) (U)	lens (pair) (U)
77669	 7000	substantia lentis (par) (U)	lens substance (pair)
58970	 7001	cortex lentis (par) (U)	cortex of lens (pair) (U)
58971	 7002	nucleus lentis (par) (U)	nucleus of lens (pair) (U)
	 7003	fibrae lentis (par) (U)	lens fibres (pair) ▲
	7540	fibrae centrales lentis (par) (U)	central fibres of lens (pair) (U) ▲
	7550	fibrae transitoriae lentis (par) (U)	transitory fibres of lens (pair) (U) ▲
	7551	fibrae principales lentis (par) (U)	principal fibres of lens (pair) (U) ▲
	7571	filamenta filensina (par)	filensin filaments (pair)
	8499	filamenta phakinina (par)	phakinin filaments (pair)
58871	 7004	epithelium lentis (par) (U)	lens epithelium (pair)
58881	 7005	capsula lentis (par) (U)	capsule of lens (pair) (U)
58897	 7006	polus anterior (par) (U)	anterior pole (pair) (U)
58898	 7007	polus posterior (par) (U)	posterior pole (pair) (U)
58889	 7008	facies anterior (par) (U)	anterior surface (pair) (U)
58890	 7009	facies posterior (par) (U)	posterior surface (pair) (U)
58907	 7010	axis (par) (U)	axis (pair) (U)
58910	 7011	equator (par) (U)	equator (pair) (U)
	 7012	radii (par) (U)	radii (pair) (U)
58838	 7013	zonula ciliaris (par) (U); ligamentum suspensorium lentis (par) (U)	ciliary zonule (pair) (U); suspensory ligament of lens (pair) (U)

		7014	fibrae zonulares (par) 	zonular fibres (pair)  ▲
58982		7015	spatia zonularia (par) 	zonular spaces (pair) 
58071		7016	camerae bulbi oculi (par) 	chambers of eyeball (pair) 
58819		7017	humor aquosus (par) 	aqueous humor (pair) 
58078		7018	camera anterior bulbi oculi (par) 	anterior chamber of eyeball (pair) 
58577		7019	angulus iridocornealis  	iridocorneal angle  
58080		7020	camera posterior bulbi oculi (par) 	posterior chamber of eyeball (pair) 
58848		7021	camera postrema bulbi oculi (par)  ; camera vitrea bulbi oculi (par)	postremal chamber of eyeball (pair); vitreous chamber of eyeball (pair)
58979		7022	spatium retrozonulare (par) 	retrozonular space (pair) 
58827		7023	corpus vitreum (par) 	vitreous body (pair) 
		7588	hyalocyt (par) 	hyalocytes (pair) 
		7027	membrana vitrea (par) 	vitreous membrane (pair) 
		7028	stroma vitreum (par) 	vitreous stroma (pair) 
67388		7029	humor vitreus (par) 	vitreous humor (pair) 
77670		7024	(arteria hyaloidea (par) 	(hyaloid artery (pair) 
58837		7025	canalis hyaloideus (par) 	hyaloid canal (pair) 
58843		7026	fossa hyaloidea (par) 	hyaloid fossa (pair) 
260119		7030	structurae oculi accessoriae (par)	accessory visual structures (pair) 
54071		7753	fasciae orbitales (par) 	orbital fasciae (pair) 
59351		7031	periorbita (par) 	periorbit (pair)  ; periorbita (pair)
		7638↓	membrana orbitalis (par) 	orbital membrane (pair) 
49034		7038	musculus orbitalis (par) 	orbital muscle (pair) 
59328		7032	septum orbitale (par) 	orbital septum (pair) 
58734		7033	vagina bulbi oculi (par)	fascial sheath of eyeball (pair); bulbar sheath of eyeball (pair)
		7034	ligamentum suspensorium bulbi oculi (par) 	suspensory ligament of eyeball (pair) 
58985		7035	spatium episclerale (par) 	episcleral space (pair) 
59005		7036	corpus adiposum orbitae (par) 	retrobulbar fat body (pair); orbital fat body (pair)
77671		7037	fasciae musculares bulbi oculi (par) 	muscular fasciae of eyeball (pair) 
49033		1674	musculi externi bulbi oculi (par)	extraocular muscles (pair) 
49035		7039	musculus rectus superior (par) 	superior rectus muscle (pair); superior rectus (pair)
49036		7040	musculus rectus inferior (par) 	inferior rectus muscle (pair); inferior rectus (pair)
49037		7041	musculus rectus medialis (par) 	medial rectus muscle (pair); medial rectus (pair)
49038		7042	musculus rectus lateralis (par) 	lateral rectus muscle (pair); lateral rectus (pair)
49143		7043	lacertus musculi recti lateralis (par)	cheek ligament of lateral rectus muscle (pair); cheek ligament of lateral rectus (pair)
49071		7044	anulus tendineus communis (par) 	common tendinous ring (pair)  ; common anular tendon (pair)
49039		7045	musculus obliquus superior (par) 	superior oblique muscle (pair)  ; superior oblique (pair)
49065		7046	trochlea (par) 	trochlea (pair) 
40066		7047	vagina tendinis musculi obliqui superioris (par)	tendinous sheath of superior oblique muscle (pair) 
49040		7048	musculus obliquus inferior (par) 	inferior oblique muscle (pair)  ; inferior oblique (pair)
49041		7049	musculus levator palpebrae superioris (par) 	levator palpebrae superioris muscle (pair)
49137		7050	lamina superficialis (par) 	superficial layer (pair) 
49058		7074↓	lamina profunda musculi levatoris palpebrae superioris (par)  ; musculus tarsalis superior (par) 	deep layer of levator palpebrae superioris muscle (pair)  ; superior tarsal muscle (pair) 

54237		7052	supercilium (par) 	eyebrow (pair) 
		7752	structurae palpebrales (par) 	palpebral structures (pair) 
54437		7053	palpebrae (par) 	eyelids (pair) 
54439		7054	palpebra superior (par) 	superior eyelid (pair)  ; upper eyelid (pair)
		7589	facies anterior (par)	anterior surface (pair)
		7590	facies posterior (par) 	posterior surface (pair) 
59357		8416	limbus anterior (par) 	superior anterior palpebral margin (pair)
59342		7592	limbus posterior (par) 	superior posterior palpebral margin (pair)
59087		7067	tarsus superior (par) 	superior tarsus (pair) 
59408		7066	cilia superiora (par) 	superior eyelashes (pair) 
54442		7055	palpebra inferior (par) 	inferior eyelid (pair)  ; lower eyelid (pair)
		7602	facies anterior (par) 	anterior surface (pair) 
		7612	facies posterior (par) 	posterior surface (pair) 
59358		7613	limbus anterior (par) 	inferior anterior palpebral margin (pair)
59344		7614	limbus posterior (par) 	inferior posterior palpebral margin (pair)
59088		7068	tarsus inferior (par) 	inferior tarsus (pair) 
59409		8521	cilia inferiora (par) 	inferior eyelashes (pair) 
59370		7057	rima palpebronasalis (par)	palpebronasal fold (pair); medial canthic fold (pair)
59110		7059	rima palpebrarum (par)	palpebral fissure (pair) 
59315		7060	commissura lateralis palpebrae (par) 	lateral palpebral commissure (pair) 
59316		7061	commissura medialis palpebrae (par) 	medial palpebral commissure (pair) 
59321		7062	angulus lateralis oculi (par) 	lateral angle of eye (pair)  ; lateral canthus of eye (pair)
59322		7063	angulus medialis oculi (par) 	medial angle of eye (pair)  ; medial canthus of eye (pair)
		7617	dermis palpebrae (par) 	dermis of eyelid (pair)  ; corium of eyelid (pair)
		7069	ligamentum palpebrale laterale (par)  ; ligamentum canthi laterale (par)	lateral palpebral ligament (pair)  ; lateral canthic ligament (pair)
		7070	ligamentum palpebrale mediale (par)  ; ligamentum canthi mediale (par)	medial palpebral ligament (pair)  ; medial canthic ligament (pair)
		8513	pars superficialis (par) 	superficial part (pair)  ; anterior attachment (pair)
		8509	pars profunda (par) 	deep part (pair)  ; posterior attachment (pair)
59104		7071	glandulae sebaceae tarsales (par) 	tarsal sebaceous glands (pair) 
59159		7072	glandulae ciliares (par)  ; glandulae palpebrales (par) 	ciliary glands (pair)  ; palpebral sweat glands (pair) 
49058		7074↓	lamina profunda musculi levatoris palpebrae superioris  ; musculus tarsalis superior  	deep layer of levator palpebrae superioris muscle  ; superior tarsal muscle  
49059		7075	musculus tarsalis inferior (par) 	inferior tarsal muscle (pair) 
59191		8510	glandulae sebaceae ciliares (par) 	ciliary sebaceous glands (pair) 
59196		7621	glandulae sebaceae ciliares palpebrae inferioris (par) 	ciliary sebaceous glands of inferior eyelid (pair) 
59195		11911	glandulae sebaceae ciliares palpebrae superioris (par) 	ciliary sebaceous glands of superior eyelid (pair) 
59011		7076	tunica conjunctiva (par) 	conjunctiva (pair)
59045		7077	plica semilunaris (par) 	semilunar fold (pair)  ; plica semilunaris (pair)
77672		7078	caruncula lacrimalis (par) 	lacrimal caruncle (pair) 
59024		7079	tunica conjunctiva bulbi oculi (par) 	bulbar conjunctiva (pair)
59025		7080	tunica conjunctiva palpebrae (par) 	palpebral conjunctiva (pair)
59017		7081	fornix conjunctivae superior (par)	superior conjunctival fornix (pair)
59018		7082	fornix conjunctivae inferior (par)	inferior conjunctival fornix (pair)
20291		7083	saccus conjunctivus (par) 	conjunctival sac (pair) 

59056		7084	glandulae conjunctivae (par)	conjunctival glands (pair)
62131		7770	epithelium stratificatum squamosum noncornificatum conjunctivum (par)	nonkeratinized stratified squamous epithelium (pair)
		8507	exocrinocyti caliciformes (par)	caliciform exocrinocytes (pair) ; goblet cells (pair)
		7626	tela subconjunctiva (par)	subconjunctival tela (pair)
55605		7085	apparatus lacrimalis (par)	lacrimal apparatus (pair)
59101		7086	glandula lacrimalis (par)	lacrimal gland (pair)
59383		7087	pars orbitalis (par)	orbital part (pair)
59384		7088	pars palpebralis (par)	palpebral part (pair)
85250		7627	acini lacrimales (par)	lacrimal acini (pair)
		7627	# acinus lacrimalis	# lacrimal acinus
		7628	lacrimocyt	secretory cells of lacrimal gland
		7629	myoepitheliocyt lacrimales	myoepithelial cells of lacrimal gland
		7630	canales intra glandulae lacrimalis (par)	intralobular canals of lacrimal gland (pair)
		7631	canales inter glandulae lacrimalis (par)	interlobular canals of lacrimal gland (pair)
59527		7089	canales excretorii glandulae lacrimalis (par)	excretory canals of lacrimal gland (pair)
320425		7090	(glandulae lacrimales accessoriae (par)	(accessory lacrimal glands (pair)
77673		7091	rivus lacrimalis (par)	lacrimal pathway (pair)
59402		7092	lacus lacrimalis (par)	lacus lacrimalis (pair); lacrimal lake (pair)
59407		7093	papilla lacrimalis (par)	lacrimal papilla (pair)
59365		7094	puncta lacrimalia (par)	lacrimal puncta (pair)
		7633↓	canaliculus lacrimalis communis (par)	common lacrimal canaliculus (pair)
59539		7634	canaliculus lacrimalis superior (par)	superior lacrimal canaliculus (pair)
		7635	ampulla canaliculi lacrimalis superioris (par)	ampulla of superior lacrimal canaliculus (pair)
59540		7636	canaliculus lacrimalis inferior (par)	inferior lacrimal canaliculus (pair)
		7637	ampulla canaliculi lacrimalis inferioris (par)	ampulla of inferior lacrimal canaliculus (pair)
20289		7097	saccus lacrimalis (par)	lacrimal sac (pair)
77674		7098	fornix sacci lacrimalis (par)	fornix of lacrimal sac (pair)
9703		7099	ductus nasolacrimalis (par)	nasolacrimal duct (pair)
66389		7100	plica lacrimalis (par)	lacrimal fold (pair)
			382 lines	
			973 entities	

SCIENTIFIC NOTES

UID Libelle of note

- 6891 The Tunica fibrosa has been subdivided into the Sclera, the Cornea and the Limbus corneae, a transitional zone between sclera and cornea, of utmost importance for the maintenance of intra-ocular pressure, since the removal of aqueous humor occurs here. The terminology used follows Hogan MJ, Alvarado JA, Weddell JE (1971) Histology of the Human Eye. Saunders, Philadelphia, PA.
- 6904 New term; the Venulae aquosae ('Wasservenen') were described by Ascher KW (1942) Am J Ophthalmol 25:31. They collect the Humor aquosus from the Sinus venosus sclerae, and drain into the Venae episclerales.
- 6935 The Facies anterior of the iris has been subdivided into a Zona pupillaris and a Zona ciliaris, separated by the Catella or collarette (based on Geneser F 1986 Textbook of Histology. Munksgaard, Copenhagen).
- 6968 The incorrect English terms (Depression of optic disc and Physiological cup) are replaced by: Optic disc excavation and Excavation of optic nerve head.
- 7074 The smooth muscle fibres of the Deep layer are also known as the Musculus tarsalis superior (of Müller).
- 7633 Each Palpebra contains a Canaliculus lacrimalis, often they combine to a Canaliculus lacrimalis communis before emptying into the Saccus lacrimalis.
- 7638 Term not in TA: At the level of the Foramen nervi optici, the Periorbita is joined with the dural sheath of the Nervus opticus, and bridges as Membrana orbitalis the Fissura orbitalis inferior. The Musculus orbitalis consists of smooth muscle fibres within the Membrana orbitalis; replaced from Musculi externi bulbi oculi.
- 7644 Heading Neura retinalia added, from TH; based on Kolb H, Linberg KA, Fisher SK 1992. Neurons of the human retina: A Golgi study. J Comp Neurol 318:147-187, and more recent studies (Website Kolb H et al. The Organization of the Retina and Visual System; <http://webvision.med.utah.edu>).
- (from TH): The term Membrana basalis superficialis limbi posterioris was added, for developmental reasons, the

- 7651 epithelium of the posterior border does not have the usual basement membrane on its side facing the stroma, but superficially on the side facing the lens.
- 7655 TH term 'multipolare' replaced by 'retinale' for consistency. There are at least 18 different morphological types of ganglion cells in the human retina, numbered from G1-G23 after Golgi studies (G = Golgi type) by Kolb et al. (1981 Vision Res 21:1081-1114) in cats. Special names have been given to the Midget and Parasol ganglion cells, projecting to the Parvocellular and Magnocellular layers of CGL.
- 7657 Masland RH (2001 The fundamental plan of the retina. Nat Rev Neurosci 4:877-886) counted at least 29 types of Amacrine cells, most of them are glycinergic (Neuron amacrinum glycinergicum) or GABAergic (Neuron amacrinum GABAergicum).
- 7660 A physiological subdivision of Cone bipolar cells includes ON-cone bipolar cells and OFF-cone bipolar cells, each with three to five distinct types (Masland RH 2001. The fundamental plan of the retina. Nat Rev Neurosci 4:877-886).
- 7669 More recently, these ganglion cells became known as Small and Large bistratified ganglion cells, giving rise to the Koniocellular pathway to the CGL (Dacey DM 2000 Parallel pathways for spectral coding in primate retina. Annu Rev Neurosci 23:743-775; Nassi JJ, Callaway EM 2009 Parallel processing strategies of the primate visual system. Nat Rev Neurosci 10:360-372).
- 7674 TH's A11 corrected to AII (Roman numeral!). 'Aperturae angustae' corrected to 'campi angusti' as for the other amacrine cells. The Latin term has been divided into two. The Amacrine cell AI (Kolb and Famiglietti 1974 Science 186:47-49) was later renamed as A17. The term AII remained.
- 7675 See note # 7674
- 8032 New term; the Arteria cilioretinalis is a variant artery which leaves the Discus nervi optici separately from the Arteria centralis retinae. It may serve as an additional supply for the Macula lutea from the choroidal circulation. If present (10-30% of cases), it can spare central vision in occlusion of the Arteria centralis retinae.

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