

LATIN AND GREEK ROOTS OF SCIENTIFIC TERMS

<u>a</u> , without (beginning of many words)	<u>aorta</u> , lifted up	<u>brachy</u> , short
<u>ab</u> , from	<u>apo</u> , from	<u>brandy</u> , slow
<u>abduct</u> , lead or draw from	<u>aqua</u> , water	<u>branch</u> , gill
<u>acanth</u> , prickle or spine	<u>arach</u> , spider	<u>bronch</u> , windpipe
<u>acer</u> , without horns	<u>arbor</u> , tree	<u>bucca</u> , cavity or mouth
<u>acetabul</u> , vinegar cup	<u>arc</u> , arch	<u>bulla</u> , bubble, flask
<u>acin</u> , cluster of grapes	<u>arch</u> , ancient, primitive	<u>buno</u> , hill
<u>acro</u> , summit or top	<u>arcbos</u> , anus, the rectum	<u>burse</u> , pouch
<u>actin</u> , ray	<u>are</u> , space	
<u>acust</u> , relating to hearing	<u>argent</u> , silver	<u>caduci</u> , temporary, disappearing
<u>ad</u> , toward	<u>arthro</u> , joint	<u>caec</u> , blind
<u>adduct</u> , draw toward	<u>artic</u> , joint	<u>calam</u> , a reed, a pen
<u>adipo</u> , fat	<u>artio</u> , even in number	<u>calles</u> , callous
<u>advehen</u> , carrying to	<u>aryten</u> , pitcher	<u>camp</u> , field
<u>adventiben</u> , foreign, coming or added to	<u>asc</u> , sac, pouch	<u>campanula</u> , bell
<u>aegithe</u> , sparrow	<u>aspid</u> , shield	<u>cap</u> , <u>capit</u> , head
<u>affer</u> , sparrow	<u>aster</u> , star	<u>capill</u> , hair
<u>ala</u> , wing	<u>astrag</u> , dice (knuckle bone used as die)	<u>card</u> , heart
<u>alb</u> , white	<u>astyl</u> , without pillar or prop	<u>carin</u> , keel
<u>alg</u> , pain	<u>ater</u> , atra, black	<u>carn</u> , flesh
<u>alj</u> , wing, a side part	<u>atlas</u> , Titan carrying world on shoulders	<u>carotid</u> , producing stupor
<u>allant</u> , sausage	<u>atr</u> , (ium) vestibule or forecourt	<u>carp</u> , wrist
<u>alve</u> , pit, cavity, or socket	<u>aur</u> , ear, gold	<u>cary</u> , nut
<u>ambly</u> , blunt	<u>auto</u> , self	<u>caudea</u> , tail
<u>amnio</u> , a foetal envelope	<u>axi</u> , axis	<u>cav</u> , hollow
<u>amoeb</u> , change	<u>azyg</u> , unpaired (without a yoke fellow)	<u>ceph</u> , head
<u>amphi</u> , both, on both sides		<u>cera</u> , <u>cerat</u> , horn
<u>ampulla</u> , a flask	<u>baena</u> , walking	<u>cerc</u> , horns, lobes, short tail
<u>an</u> , without, at the beginning of words	<u>balan</u> , acorn	<u>cerv</u> , neck
<u>ana</u> , up, back, again, anew	<u>barb</u> , beard	<u>chair</u> , hand
<u>anchus</u> , bend, bay, or sinus	<u>basi</u> , at the bottom	<u>cheion</u> , turtle
<u>andr</u> , man (male)	<u>but</u> (is), skate, ray	<u>chely</u> , turtle
<u>angul</u> , angle	<u>bdella</u> , sucker	<u>chiasm</u> , crossing of line
<u>ankylo</u> , stiffening of the joints	<u>bi</u> (o or a), life	<u>chil</u> , lip
<u>anomo</u> , lawless, irregular	<u>bi</u> (s), two or twice	<u>chir</u> , hand
<u>ante</u> , in front of	<u>biomen</u> , twins, paired	<u>chlamy</u> , an outer garment
<u>anthro</u> , man	<u>blast</u> , germ	<u>choan</u> , funnel
<u>anti</u> , opposite, against	<u>botry</u> , small bunch of grapes	<u>choledoch</u> , bile carrying
<u>antr</u> , cave	<u>brachi</u> , arm, especially upper arm	<u>chondr</u> , cartilage (originally lump)

<u>chord</u> , cord	<u>cort</u> , bark	<u>dino</u> , terrible
<u>chorion</u> , membrane	<u>cost</u> , rib	<u>diphy</u> , double, grown together
<u>chrom</u> , color	<u>cotyl</u> , cup	<u>diplo</u> , double
<u>chrys</u> , golden	<u>crami</u> , skull	<u>dis</u> , two, twice, double
<u>chyl</u> , fluid	<u>crass</u> , thick	<u>divert</u> , turn aside, diverticulum
<u>chym</u> , juice	<u>cremaster</u> , suspender	<u>don</u> (t), tooth
<u>cili</u> , eyelash	<u>crep</u> , shoe, slipper	<u>dors</u> , back
<u>ciner</u> , ashy, gray	<u>cribj</u> , sieve	<u>drom</u> , quick running
<u>cipit</u> , head	<u>cric</u> , ring	<u>duo</u> , two, twice
<u>cirr</u> (us), tentacle (originally a curl)	<u>crist</u> , crest	<u>duoden</u> , twelve
<u>clad</u> , branch	<u>crosse</u> , tassel, fringe	<u>dura</u> , hard, tough
<u>clast</u> , broken	<u>crura</u> , crus, shank or shin	
<u>clav</u> , key	<u>crypt</u> , hidden	<u>echin</u> , spiny
<u>cleid</u> , key	<u>cten</u> , comb	<u>ect</u> , outer, outside
<u>cleist</u> , closed	<u>cune</u> , wedge	<u>effer</u> , carrying away
<u>cleither</u> , bar or key	<u>cuspl</u> , lance, point	<u>ejacul</u> , throwing out
<u>clin</u> , bed, recline	<u>cuti</u> , skin	<u>elasmou</u> , plate, flat
<u>clist</u> , closed	<u>cycl</u> , circular	<u>embio</u> , living
<u>cloaca</u> , sewer	<u>cvn</u> , dog	<u>embol</u> , thrown in, inserted
<u>coccy</u> (x-g), cuckoo	<u>cyst</u> , capsule or case	<u>end</u> , inner
<u>cohl</u> , shell	<u>cyt</u> , cell	<u>engy</u> , narrow
<u>cocl</u> , hollow		<u>ensj</u> , sword
<u>col</u> , (on), large intestine	<u>daetyl</u> , finger	<u>enter</u> , inside
<u>coll</u> , neck	<u>dasy</u> , thick, hairy, dense, raw, crude,	<u>epeadyma</u> , upper or outer garment
<u>collat</u> , borne together	<u>de</u> , (a), (um), a division of anything	<u>epi</u> , upon
<u>columella</u> , little column	<u>deca</u> , ten	<u>equine</u> , pertaining to a horse
<u>com</u> , together	<u>decid</u> , dropping, falling off	<u>erythr</u> , red
<u>commis</u> , con, conch	<u>decuss</u> , cross banding	<u>etlym</u> , sieve
<u>con</u> , together with	<u>dele</u> , visible	<u>eu</u> , well, very, exceedingly
<u>conch</u> , shell	<u>delph</u> , womb	<u>eury</u> , wide, broad
<u>condyl</u> , knuckle	<u>demi</u> , half	<u>ex</u> , outside, from, without
<u>contra</u> , against	<u>den</u> (s, t), tooth	<u>extens</u> , drawing out
<u>conus</u> , cone	<u>dendr</u> , tree, bush	<u>extra</u> , beyond, additional, more
<u>copro</u> , dung	<u>derm</u> , skin	<u>extrins</u> , coming from outside
<u>cora</u> , (x-c) raven	<u>dero</u> , long persisting	
<u>corb</u> , basket	<u>desmo</u> , band	<u>fabella</u> , little bean
<u>cord</u> , heart	<u>deut</u> , second	<u>fale</u> (falx), sickle
<u>corium</u> , leather	<u>di</u> , dia, two, twice, double	<u>fase</u> , (ia, ie) band, bundle
<u>corn</u> , horn	<u>dia</u> , through, apart	<u>fauccs</u> , the upper throat
<u>coron</u> , crown	<u>didym</u> , twin	<u>fer</u> , to carry or bear
<u>corp</u> , body	<u>digit</u> , finger (or toe)	

<u>femur</u> (or), thigh	<u>hallu</u> , (x,cis), great toe	<u>lter</u> , passage
<u>fenester</u> , window	<u>haplo</u> , simple	
<u>fibula</u> , breast, or safety pin	<u>helminth</u> , worm	<u>Kion</u> , column
<u>fil</u> , thread	<u>helo</u> , wart-like outgrowth	
<u>fimbria</u> , fringe	<u>hemi</u> , half	<u>labi</u> , lips
<u>fistula</u> , tube	<u>hepar</u> (hepat), liver	<u>labyrinth</u> , tortuous passage
<u>flex</u> , to bend	<u>hept</u> , seven	<u>lacer</u> , torn
<u>flocculusu</u> , lock of wool	<u>hetero</u> , different	<u>lacrim</u> , tears
<u>fontan</u> , spring, fountain	<u>hex</u> , six	<u>lact</u> , milk
<u>foreman</u> , opening, usually small	<u>hibern</u> , winter	<u>lacuna</u> , space, void
<u>fornix</u> , vault, dome	<u>hilum</u> , eye of bean	<u>lagna</u> , flask
<u>fovea</u> , shallow round depression	<u>hippo</u> , horse	<u>lamella</u> , leaf, layer
<u>fund</u> , to pour	<u>hippoeampus</u> , fabulous sea beast	<u>lemm</u> , skin, husk
<u>furcul</u> , fork	<u>holo</u> , entire, complete, standing alone	<u>lens</u> , lentil, bean
	<u>hom</u> , man, or similar	<u>lepi</u> , scale
<u>gaster</u> (tr), stomach	<u>homal</u> , flat	<u>lepto</u> , slender
<u>gano</u> , shining, splendor	<u>hormone</u> , that which excites	<u>leuc</u> , white
<u>gangle</u> , knot in string	<u>hyal</u> , glass-like	<u>levator</u> , lifter
<u>gallus</u> , cock	<u>hydr</u> , water	<u>lingua</u> , tongue
<u>gale</u> , weasel	<u>hyo</u> , U-shaped	<u>lith</u> , stone
<u>gemin</u> , twins	<u>hyper</u> , over, above	<u>log</u> , discourse
<u>genu</u> (ie), knee, bent	<u>hypo</u> , lower, beneath	<u>loph</u> , bunch, bundle
<u>gerro</u> , shield		lumenu, cavity
<u>gladi</u> , sword	<u>ichty</u> , fish	<u>luna</u> , moon
<u>glen</u> , socket	<u>ileum</u> , twisted	<u>lutea</u> , yellow
<u>glia</u> , glue	<u>iliac</u> , flank	<u>lymph</u> , clear water
<u>glom</u> (us, er), ball of yarn	<u>impar</u> , unpaired, unequal	<u>lyssa</u> , a vesicle, rabies
<u>gloss</u> , tongue	<u>incis</u> , cutting in	
<u>glotti</u> , tongue	<u>ida</u> , like	<u>macro</u> , great, large
<u>glutae</u> , rump	<u>incu</u> , (s, udi), anvil	<u>macula</u> , spot
<u>glypt</u> , carved, engraved	<u>ingluvies</u> , crop	<u>magn</u> , large
<u>gnath</u> , jaw	<u>inguin</u> , groin	<u>maior</u> , larger
<u>gon</u> , begetting, seed, sperm	<u>inneminate</u> , without a name	<u>mala</u> , cheek
<u>gonj</u> , angle	<u>inter</u> , between	<u>malleus</u> , hammer, mallet
<u>gubarnae</u> , that which governs	<u>intima</u> , innermost	<u>mamma</u> , breast
<u>gymn</u> , naked	<u>intra</u> , inside	<u>mandib</u> , lower jaw
<u>gyr</u> , turning, convolution	<u>iola</u> , (suffix) diminutive	<u>manu</u> , hand
	<u>intrins</u> , contained within	<u>marsupi</u> , pouch, purse
<u>haem</u> , blood	<u>iri</u> , (s, id) goddess of the rainbow	<u>masseter</u> , a chewer
<u>haben</u> , restraining band	<u>lschia</u> , hip	<u>mast</u> , nipple
<u>hamat</u> , hook	<u>lso</u> , equal	<u>mat</u> (e, r), mother

<u>maxill</u> , jaw	<u>nictitate</u> , winking	<u>ot</u> (l, o), ear
<u>maxim</u> , greatest	<u>non</u> , not	<u>ov</u> (ar, um), egg
<u>meatus</u> , passage	<u>noth</u> , spurious	
<u>med</u> , middle	<u>noto</u> , back	<u>paleo</u> , ancient
<u>medulla</u> , marrow	<u>nuch</u> , neck, back of neck	<u>palli</u> , mantle
<u>mela</u> , black	<u>nucle</u> , little nut	<u>pannicul</u> , little cloth
<u>menin</u> (x, g), membrane		<u>para</u> , beside, near
<u>meno</u> , moon	<u>obtect</u> , concealed	<u>parie</u> , wall
<u>mer</u> , (os), part	<u>obturat</u> , closed	<u>parot</u> , beside
<u>mesar</u> , middle-thin	<u>ocip</u> , back of head	<u>patella</u> , small dish
<u>mesenter</u> , (supporting) mid intestine	<u>oct</u> , eight	<u>parv</u> , small
<u>meso</u> , middle	<u>odae</u> , (edax), biting	<u>pectin</u> , comb
<u>meta</u> , after	<u>oid</u> , like	<u>pect</u> , (us, or), breast
<u>min</u> , (or, us) smaller	<u>odont</u> , tooth	<u>ped</u> , foot
<u>minim</u> , least	<u>odesoph</u> , gullet	<u>peduncle</u> , little foot
<u>mirabile</u> , wonderful	<u>olecran</u> , skull of elbow	<u>pellueid</u> , shining through
<u>miss</u> , (o, u) sent	<u>oliaet</u> , smelling	<u>pene</u> , almost
<u>mit</u> , (e, r) turban, bishop's mitre	<u>olive</u> , olive	<u>pente</u> , five
<u>mixi</u> , mingle	<u>omasu</u> , paunch	<u>peri</u> , around
<u>mola</u> , will	<u>oment</u> , fat skin	<u>perine</u> , region around anus
<u>moll</u> , soft	<u>omm</u> , eye	<u>perenni</u> , through the year
<u>monil</u> , string of beads	<u>omo</u> , shoulder	<u>petri</u> , rock
<u>monimo</u> , fixed	<u>omphalo</u> , navel	<u>phaeo</u> , dark, dusky
<u>mono</u> , single	<u>onto</u> , being	<u>phalanx</u> (g, x) close formation
<u>morph</u> , form	<u>oo (n)</u> , egg	<u>pher</u> , bear, carry
<u>motor</u> , that which moves	<u>ophi</u> , snake	<u>phil</u> , loving
<u>multi</u> , many	<u>ophthalm</u> , eye	<u>phor</u> , to bear or carry
<u>myel</u> , marrow	<u>opereul</u> , little cover	<u>phot</u> , light
<u>mylo</u> , mill	<u>opoter</u> , either	<u>phragm</u> , fence, partition
<u>myo</u> , muscle, or to close	<u>ops</u> , vision, eye	<u>phren</u> , diaphragm, mind
<u>mys</u> , muscle, sucker	<u>opt</u> , vision, eye	<u>phyl</u> , tribe
<u>myx</u> , mucous	<u>orbi</u> , circle	<u>phyll</u> , leaf
<u>myz</u> , sucker	<u>orch</u> , testicle	<u>phyo</u> , to produce
	<u>or</u> (al, is), mouth	<u>physa</u> , bladder
<u>nar</u> , nose	<u>ornith</u> , bird	<u>physio</u> , nature
<u>nas</u> , nose	<u>os, oss</u> , mouth, bone	<u>phyto</u> , plant
<u>necro</u> , dead body	<u>ossicul</u> , little bone	<u>pia</u> , pious
<u>nect</u> , swimming	<u>ost</u> , bone	<u>pil</u> , hair
<u>neo</u> , new, recent	<u>osti</u> , mouth	<u>pinea</u> , pine cone
<u>nephr</u> , kidney	<u>ostrac</u> , shell	<u>pinna</u> , feather
<u>neur</u> , nerve	<u>ortho</u> , straight	<u>pir</u> , pear

<u>pis</u> (u, i), pea	<u>pvg</u> , rump	<u>sclar</u> , hip
<u>pituit</u> , secretion of mucous	<u>pyl</u> , gate	<u>sclera</u> , hard
<u>plae</u> , plate, tablet	<u>pvo</u> , pus	<u>scop</u> , shadow, broom, owl
<u>plagio</u> , oblique	<u>pvr</u> , pear	<u>scut</u> , shield
<u>plan</u> , flat, plane, smooth		<u>seyph</u> , cup
<u>plant</u> (ar, i), sole of foot	<u>quad</u> , four	<u>seba</u> , tallow, wax
<u>plasm</u> , forming, formed	<u>quadrigemin</u> , quadruplets	<u>sect</u> , cutting
<u>plasm</u> , forming, formed	<u>quat</u> , four	<u>selen</u> , moon
<u>platy</u> , flat, broad	<u>quint</u> , five	<u>sella</u> , seat, saddle
<u>plec</u> (o,t), twist, pluck		<u>semi</u> , half, part
<u>plesio</u> , near	<u>rach</u> , spine	<u>sept</u> , seven, wall
<u>pleth</u> , full, crowded	<u>radi</u> , root	<u>ser</u> (o,u) any fluid formed in body
<u>pleur</u> , side	<u>ram</u> (l, u), branch	<u>serra</u> , saw
<u>plex</u> , interwoven	<u>raph</u> , seam	<u>sex</u> , six
<u>plica</u> , fold	<u>rect</u> , straight, right	<u>sinus</u> , hollow bay
<u>ploi</u> , fitted for sailing	<u>ren</u> , kidney	<u>sipho</u> , tube
<u>plum</u> (a), feather	<u>rept</u> , creeping	<u>skler</u> , hard
<u>pneu</u> (mo, st), air, breath	<u>retic</u> , network	<u>sol</u> , sun
<u>pni</u> (i), air, breathing	<u>retina</u> , little net	<u>soma</u> , body
<u>ped</u> , foot	<u>retro</u> , back, backward, behind	<u>sperm</u> , seed, semen
<u>poly</u> , many	<u>revehantes</u> , carrying back	<u>sphen</u> , wedge
<u>poll</u> (ex, ic), thumb	<u>rhabd</u> , rod	<u>sphinet</u> , closing
<u>pons</u> , bridge	<u>rhage</u> , tear, rent	<u>splanch</u> , viscera
<u>poplit</u> (ea), hock	<u>rhach</u> , spine	<u>spleen</u> , bandage, spleen
<u>porta</u> , gate	<u>rhin</u> , nose	<u>spondyl</u> , vertebra
<u>post</u> , behind, after	<u>rhize</u> , root	<u>squam</u> , scale
<u>pre</u> , before	<u>rhynch</u> , snout	<u>stalsis</u> , constriction
<u>prim</u> , first	<u>rode</u> , gnaw	<u>stapes</u> , stirrup
<u>pro</u> , in front, toward	<u>rota</u> , turn, wheel	<u>stat</u> , standing
<u>process</u> , to project from	<u>rostrum</u> , beak, prow	<u>steg</u> , covering
<u>proct</u> , anus	<u>rumen</u> , throat	<u>stell</u> , star
<u>profund</u> , deep		<u>sten</u> , narrow
<u>proliger</u> , bearing offspring	<u>saccul</u> , little sac	<u>stereo</u> , solid
<u>pros</u> , forward	<u>saer</u> , (al, um) sacred	<u>stern</u> , breastbone
<u>prostate</u> , in first rank	<u>sarc</u> , flesh	stom, <u>mouth</u>
<u>psalter</u> , book of psalms	<u>saur</u> , lizard	<u>strat</u> , spread, layer
<u>pseudo</u> , false	<u>scala</u> , ladder, stairway	strept, <u>turned</u> , <u>twisted</u>
<u>pter</u> , wing, feather, fin	<u>scalene</u> , uneven	<u>striat</u> , marked with furrows
<u>ptyal</u> , spittle	<u>scaph</u> , anything hollow, bowl, ship	<u>stroph</u> , turning
<u>pubi</u> (c,s), grown up, sexually mature	<u>scapula</u> , shoulder blade	<u>styl</u> , column
<u>pulmo</u> , lung	<u>schizo</u> , cleft, split	<u>sub</u> , under, below

<u>sulc</u> , furrow	<u>trop</u> , truning	<u>Zon</u> , girdle
<u>sup</u> (e, r), above	<u>tunic</u> , body garment	<u>Zo</u> (a, o), animal
<u>suture</u> , seam	<u>turb</u> , a thing which spins a top	<u>Zyg</u> , yoke
<u>syn</u> , together	<u>turcic</u> , Turkish	
<u>syryn</u> (g,x), pipe	<u>tyto</u> , pad, cushion	
	<u>tympa</u> n, drum	
<u>tact</u> , touch		
<u>taenia</u> , band or ribbon	<u>ulo</u> , wooly	
<u>talus</u> , ankle	<u>ulna</u> , elbow	
<u>tapestum</u> , carpet	<u>ultra</u> , beyond	
<u>tars</u> (us, al), ankle	<u>umbilic</u> , navel	
<u>tect</u> , covered	<u>unc</u> , book	
<u>tegmen</u> , covering	<u>ungui</u> , nail, claw	
<u>tela</u> , web	<u>ungal</u> , hoof, claw, talon	
<u>teleo</u> , complete, perfect	<u>uni</u> , one, single	
<u>tele</u> , far, end	<u>ure</u> , urine	
<u>temno</u> , cut	<u>uro</u> , urine, tail	
<u>tenacul</u> , holding	utricle, little skin bag	
<u>tentor</u> , spread like a tent	<u>uv</u> (e,a), grapes	
<u>teres</u> , round, cylindrical		
<u>terti</u> , third	<u>vagina</u> , sheath	
<u>tetra</u> , four	<u>vagus</u> , wandering	
<u>thelam</u> , chamber, bed	<u>vas</u> , vessel	
<u>theca</u> , case	<u>vascul</u> , little vessel	
<u>thel</u> , teat, nipple	<u>vent</u> (e,r), belly	
<u>thely</u> , female	<u>ven</u> , vein	
<u>thero</u> , beast, mammal	<u>vel</u> (a, um), veil	
<u>thym</u> , thyme	<u>verm</u> , worm	
<u>thyreo</u> , large, shield	<u>vesic</u> , blister, bladder	
<u>tom</u> , cut, section	<u>vill</u> , shaggy hair, velvet	
<u>torpe</u> , numb	<u>visc</u> , organs of body cavity	
<u>trab</u> , beam	<u>vita</u> , life	
<u>travecul</u> , little beam	<u>vitell</u> , yolk	
<u>trachy</u> , rough	<u>vitr</u> , glassy	
<u>trapez</u> , four sided, table	<u>vomer</u> , ploughshare	
<u>trema</u> , hole	<u>vora</u> , devour	
<u>tri</u> , three, thrice		
<u>trich</u> , hair	<u>xen</u> , stranger, different	
<u>trech</u> , wheel, pulley	<u>Xifi</u> , sword	
<u>trechanter</u> , a runner		
<u>troph</u> , food	<u>Ypsil</u> , U or Y shaped	