## $\mathfrak{A}$ : Zatin



[^0]

[^1]

## Ad - to, toward, near, at



## Aedes - temple, house



$$
\text { Aequus-equal \{equi-, iqu\} }
$$

| aim (n.) | esteem (v.) aim (v.) <br> esteemed <br> inestimable | estimator-M <br> estimated cost-\$ |
| :---: | :---: | :---: |
| aimless |  |  |
| estimated weight-\$ |  |  |

Aestimo, aestimare, aestimavi, aestimatum to fix the value of, estimate, consider \{aim, esteem\}

| age (n.) ${ }^{\text {age (v.) }} \begin{gathered}\text { aged aye-gk } \\ \text { aeon- } \Phi\end{gathered}$ |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
|  | eternal lo | ngevity | eon eterne-gk |  |
| eternally eternity | y longevous | aeon | eternize-gk | grandeval |
|  | coeval | aeonian | medievalist-h | grandevity |
|  | Age coevally | eonian | n medieval-h/v |  |
|  | age-old | primeval | Medieval Latin-lg |  |
|  | Ice Age | ageless | Medieval Greek-lg |  |
|  |  | Medieval W | Warm Period-g |  |
|  |  | From | $m$ Here to Eternity-LE |  |
|  |  | come | of age-v |  |
|  |  | coetan | neous-gk |  |
|  |  | age of r | reason-gk |  |
|  |  | age of co | consent-gk |  |
|  |  | Informa | ation Age |  |

Aevum - time, life, age, generation
Aeternus - eternal, everlasting
Aetas, aetatis - age \{ag\}
Aion (Gr.) - age \{eon, aeon\}

```
                        agriculturist
                    agricultural
                agriculturalism
                agriculturalist
    agriculture agrarian peregrine
    pilgrim}\mp@subsup{}{}{1
                pilgrimage
                        peregrination
                            onager-Bz
                    agrestial-Bb
                        agrestian-gk
                            agrestic-gk
                            agrimi-Bz
                            agroecology-ag/s
                            Agromyzidae-Bz
                                    agribusiness-$/ag
                                    agriology-gk
                                    Agrionidae-Bz
                                    agribiz-v
                                    agritourism-$
                                    Agricola-h
                                    Agricola-LE
                                    agrobacterium-ag
                                    Agrarians-LE
                                    agrizoophobia-PS
                            agrarianism-gk
                    agrochemical-ag/CH
                    agrarian movement-LE
                    Childe Harold's Pilgrimage-LE
                    agrostology-s agrobiology-B/ag
                    agrimotor-ag agroforestry-gk/ag
                    peregrine falcon-Bz agrology-s/ag
            Canterbury pilgrims-LE agricere-ag
        Pilgrim's Progress-LE agricultural engineering-s
        agricultural geology-g/ag agricultural meteorology-mt/ag
agroclimatic-mt/ag agroecotype-ag agrogorod-gk agropyron-ag
```

Ager, agri - field, country \{agri-, egr\}
Agros (Gr.) - field \{agro-\}
Agrios (Gr.) - wild

${ }^{1}$ If something is to be exact, it must be 'measured out.' ${ }^{2}$ To navigate is etymologically to 'drive a ship.' ${ }^{3}$ To swat a fly is to 'compress' or squash it; swat is an alteration of squat, which itself is a 'compression' of the body since one becomes smaller as one squats. ${ }^{4}$ Via Latin prodigere, 'to drive forth, waste.' ${ }^{5} \mathrm{Via}$ Latin exlitigare, 'to exculpate in a lawuit;' the meaning later changed to 'declare something as true in legal proceedings.' ${ }^{6}$ Latin for 'things to be done.' ${ }^{7}$ Via Latin coactum, 'collected;' Plyushkin possessed a cache of so many things that he had 'collected' over his life that there existed only a narrow, labyrinthine passageway through his house: rubbish claimed every other inch of space.


## Ago, agere, egi, actum - to do, act, drive

\{ig, eg\}
Agito, agitare, agitavi, agitatum - to hunt, drive forcefully, set in motion
Castigo, castigare, castigavi, castigatum - to punish \{chastis\}
Cogito, cogitare, cogitavi, cogitatum-to think, consider, ponder
Cogo, cogere, coegi, coactum - to force, compress, collect
Examen, examinis - a weighing out, testing of weight Exigo, exigere, exegi, exactum - to enforce, demand, test, measure out, weigh \{ess\}

[^2]adage
prodigy ${ }^{1}$ prodigious
prodigiousness
adagial
adagial
prodigiosity-gk adagy
prodigiosity-gk adagy
prodigiosin-BCM
prodigiosin-BCM
Adagia-LE
Adagia-LE

## Aio, ait - to say, affirm \{ag, ig\}

```
    alb-r
                            Alban-h
        album
        auburn
                albino-gk/Bb
                        albinism-gk
            albino albumen-gk albiculi
            albatross albumin-BCM
                albescent-gk albugeneous-gk
                    albedo-s/gk
                    albedometer-s
                        Albuquerque-ge
                    albiflorous-Bb
                daub-gk bedaub-gk
                albite-mn
                    alburnum-Bb
                    albatross-Bz/LE/gk
                            Albion-my/LE
                                    abele-Bb
                            albophobia-PS
                    albumose-BCM Alba Longa-h
                    aubade-LE dealbate-Bb
                    corpus albicans-md
                    lineae albicantes-md
            toxalbumin-BCM alba-Bb/mu/LE/an
            albuminuria-md dealbation-gk
                album amicorum-fl albariza-fl
            albomycin-md album graecum-gk
            alba firma-h albarello-gk albarium-gk
            albaspidin-CH albitophyre-mn albocinereous-an
alborada-mu albugo-Bb Albulidae-Bz albumblatt-mu albumose-BCM
```


## Albus - white

[^3]

Alo, alere, alui, altum - to feed, nourish, cause to grow
Altus - high, deep, grown tall \{alti-, alto-, hanc, haught, haut\}
Adolesco, adolescere, adolevi, adultum - to grow up, mature Abolo, abolere, abolevi, abolitum - to destroy ${ }^{4}$, disallow, get rid of

[^4]
${ }^{1}$ Short for Latin et alia, 'and other things.'

```
            perambulator-gk
                    priamel-LE
            somnambulation ambulance chaser-v obambulate
            somnambulate
ambulance }\mp@subsup{}{}{1}\mathrm{ circumambulate
            circumambulation
                    preamble andantino-mu vigiambulism
                    preambulary
                            ambulation
                ambulatory
                ambulate
                    amble
                            ambling ambulacrum-Bz
                    ambulatory surgery-md
                    solvitur ambulando-fl
```


# Ambulo, ambulare, ambulavi, ambulatum - to walk, go around, go \{ambl\} 



## Amicus-friend \{ami, amig, em, imic\}

[^5]

# Amo, amare, amavi, amatum - to love, have affection for, find pleasure in Amor-love 



[^6]angleworm

| angular | angularity <br> triangle |
| :---: | :---: |
| triangulation |  |

triangular triangulate quadrangle angle (v.) quadrangular angling rectangle scalene triangle rectangular isosceles triangle angler equilateral triangle
angle of refraction-M/s
angle (n.)
vigintiangular-M ankylosaur-p ankylosis-md/an
ankylose-md/an
angle bracket-M angle of incidence-M angle of reflection-s/M anglerfish-Bz
pentangular-M
Triangulum-as
Triangulum Australe-as

Angulus - angle, corner \{angl\}
Ankylos (Gr.) - crooked, bent


## Anima - soul, breath

Animal - animal, beast, living creature
Animus - rational soul, mind, will, courage, anger, pride, life


Annus - year \{enn\}

```
                                    vamp-gk antechamber-gk
                                    anteroom-gk
                    antedate ante up-sp
            antebellum antediluvian ante-sp ante-jentacular
                        advantageous avaunt antepenult-lg
                            disadvantageous antepenultimate antecedent-gr/Ф
                vantage Advanced Placement-ed
                        vanguard infero-anterior-B/an
ancient
    advance
        advanced
            advancement
                advantage
                disadvantage
                    antemortem-fl
                    take advantage of anteriormost-B
                    anterodorsal-an
                    anterolateral-an
                    antefix-at
                        antenave-at
                    antepartum-md
                        antehypophysis-an
                    antejuramentum-1
                    The Advancement of Learning-\Phi/ed
                    The Rime of the Ancient Mariner
                    Seven Wonders of the Ancient World-h
            The Advantages and Disadvantages of History for Life-\Phi
                    Ante - before
                    Abante-from before {van}
                            antiquity antiquary-gk
        antique antiquate antic }\mp@subsup{}{}{1}\mathrm{ antiquer-gk
            antiquated antically antiquarian-gk
                        antics }\mp@subsup{}{}{1}\mathrm{ antiquitarian-gk
                        antiquity-h
                    The Antiquary-LE
                    Antique Harvesters-LE
                    antiques and horribles-gk
            Antiquus - old, former, ancient {antic}
        anxious anguish anxiety attack-gk
        anxiously anguished (adj.) anxiolytic-md
            anxiousness anxiety angina-md
                angst quinsy-md
                angina pectoris-gk
                    Anxius - worried, uneasy
                    Angustus - narrow
Ango, angere, anxi, anctum - to choke, strangle, distress, torment
                    Ankhone (Gr.) - a strangling {ang}
\({ }^{1}\) The Italian word antico referred to bizarre designs on 'ancient' Roman pottery; later antics came to refer to ludicrous capers or bizarre behavior, and the adjective antic came to mean 'bizarre' or 'absurdly odd.'
```



Aperio, aperire, aperui, apertum - to open \{overt\}


[^7]
\[

$$
\begin{aligned}
& \text { Aqua- water \{aqua-, aqui-\} } \\
& \text { Aquarius - pertaining to water }\{\text { sewer }\}
\end{aligned}
$$
\]

```
            arbiter
            arbitration
            arbitrary
        arbitrarily
arbitrariness arbitrament arbitrageur-$
        arbitrator arbitrable arbiter elegantiae-fl
            arbitrate arbitrative arbitrary constant-M
        arbitress arbitrational-gk
                    arbitration of exchange-$
                Petronius Arbiter-h
```

Arbitror, arbitrari, arbitratus sum - to think, judge
arboreal
Arbor Day $\left.\begin{array}{c}\text { arboretum } \\ \text { arboreous }\end{array} \begin{array}{c}\text { arboraceous-B } \\ \text { arboricide-gk } \\ \text { arboriculture-s } \\ \text { arbuscle-Bb }\end{array}\right\}$
Arlbor - tree
arcane Ark of the Covenant-r coerce $^{1}$ ark Arcidae-Bz coercive exercise (n.) arcana-gk coercion exercise (v.) arcanum-gk coercible exercise bike arca-h/r coerciveness exercising arcanist-gk arcifinious-1 arcanum arcanorum-fl

## Arca - chest, coffer \{ark\}

Arceo, arcere, arcui - to enclose, confine \{erc\} Exerceo, exercere, exercui, exercitum - to train, exercise, drill

[^8]```
                    archway
\begin{tabular}{|c|c|}
\hline \begin{tabular}{l}
arch \\
archlike video arcade arched archery
\end{tabular} & overarch arc-as/M
arc \begin{tabular}{c} 
arco-mu \\
arcocentrum-an \\
arco saltando-mu \\
arced \\
overarching \\
archer \\
arc de Triomphe-at
\end{tabular}
arrow \begin{tabular}{c} 
Arch of Constantine-at \\
Arch of Septimius Severus-at \\
Arch of Titus-at
\end{tabular}
arcade-at
Arcifera-Bz
Archer-gk
arciform-gk
archerfish-Bz
arcuate nucleus-an
arc-boutant-at
arcato-mu
arcature-at
Arch of Trajan-at
Arrowsmith-LE \\
\hline
\end{tabular}
                    Arcus - bow {arch}
\begin{tabular}{ccc} 
arson & \multicolumn{2}{c}{ ardent } \\
ardently & \multicolumn{2}{c}{ ardelion } \\
arsonist ardency & ardent spirits-gs arsonite \\
& & ardor \\
arid \\
aridity \\
aridness
\end{tabular}
```

Ardeo, ardere, arsi - to burn, be on fire Aridus - dry

```
                            APC-ms
                            arms-he/ms
                            armet-ms
                            firearm armure-fs
                                armored armoire-gk
                            arm (v.)
                                    army ant-Bz
                                    unarm disarmament armament-ms
                armor disarming armistice armorial-he
                armory
                        disarmingly alarum armada-n/ms/gk
                army disarm ambry-r
        armor-clad alarmist gendarme-v/ms
armadillo}\mp@subsup{}{}{1
    armorer-ms armordial
        alarm
    alarm clock
    alarming
        alarmingly
        armed
                                    Spanish Armada
                                    The Armadillo-LE
        The Armies of the Night-LE
                                    up in arms-v
                                armamentarium-md
            arming armature-a/B/s
            armed forces
            armed services A Farewell to Arms-LE
                armored car alarums and excursions-gk/a
                    unarmed Armistice Day-gk
                    Armadillidium-Bz
```

                    Arma - arms, weapons
    ```
                            inert-CH/md
                            inert gas-CH
                            artfully artisan art runner-$
                    artful artifice Art-LE
art artifact inert }\mp@subsup{}{}{1}\mathrm{ ars gratia artis-fl artigrapher
        artistic artless Artium Baccalaureatus-ed
        artistically
        artificial
                        artiste
                                    Artium Magister-ed
                                    inertia-PH
artificially
artist
    artistry
        artwork objet d'art-fl
                        artificial intelligence-CS
                        Art Moderne-a
                        Art nouveau-a
                        ars nova-mu
                    ars antiqua-mu
                        inertial guidance-ar
                        artificial life-CS
                        l'art pour l'art-fl
                    interartistic-gk
                Art Deco-a art film-f
        art form-a artificer-gk artsy-craftsy-v
            National Gallery of Art-a/gk
                artsy-fartsy-v Ars Grammatica-gr
                artificial insemination-md
                    The Artful Dodger-LE
                                    L'Art, 1910-LE
                                    arte mayor-LE
                                    arte menor-LE
                                    Ars Amoris-LE
                                    Ars Poetica-LE
                            The Art of Fiction-LE
                Commedia dell'arte-LE
                The Art of the Novel-LE
                    ars est celare artem-a
                    In an Artist's Studio-LE
                    Musée de Beaux Arts-LE
                The Artist of the Beautiful-LE
                Ars, artis - skill, craft {ert}
                    asperity
                exasperate
exasperation
            exasperated
exasperating
            exasperatingly
                        asperate-gk asper 
```


## Asper-rough, harsh, roused to anger

[^9]

## Ater, atra, atrum - black

## Atrium ${ }^{2}$ - first room in a Roman Villa

 Atrox, atrocis - frightful, alarming, cruel, shocking

Audio, audire, audivi, auditum - to hear \{audio-\} Oboedio, oboedire, oboedivi, oboeditum - to listen to, submit to \{obey, obed\}

[^10]

Augeo, augere, auxi, auctum - to increase, make greater, enhance Auctor - author, creator, one with power \{author\}

Augustus - venerable, majestic
Augur-diviner, seer
Auxilium - help, aid
Auxanein (Gr.) - to increase

| ```scouting auscultation-gk/md scoutmaster right auricle-an left auricle-an auricle-B/an auriculate-B/gk scouting report-sp interaural-gk aurist-md auriform-gk pend d'oreille-ap``` |  |  |  |
| :---: | :---: | :---: | :---: |
| Auris - ear |  |  |  |

Ausculto, auscultare, auscultavi, auscultatum - to listen to, obey \{scout\}
${ }^{1}$ Named after 'Augustus' Caesar, the first Roman emperor. ${ }^{2}$ To inaugurate a president is to 'enhance' her chances of success via an auspicious formal ritual. The origin of this ceremony included the 'diviner,' who would ascertain the success of the new magistrate via prophetic signs, such as the flight path of birds; also see note 1, p. 26.

```
    or-he
    oriflamme-ms/gk
    ormolu-gk
                                    orpiment-a
                                    orpine-Bb
                                    Au-CH
            oriole aureate dory-Bz
Orioles Au loriot-Bz
            El Dorado oriel-at
                aureate language-LE
                        aurific-gk
                        carasius auratus-Bz
                                    auric-CH
                                    aureole-a/as/r
                                    aurous-CH
                                    auriferous-gk
                                    aurulent-gk
                                    inaurate-gk/Bz
                    auricomous-gk
                    auriphrygiate-gk
                                    aurochloride-CH
                                    Legenda Aurea-LE/r
                aurichalcite-mn auramine-CH
    aureity-gk aureomycin-md auripotent
aureus-h/$ aurivorous-gk auripigment
```

```
                    Aurum - gold {or}
                Aureus - golden, made of gold
```

| avarice | L'Avare-LE |
| :---: | :---: |
| avaricious | avidity-CH |
| avariciously |  |
| avariciousness | avidin-BCM avarition |
| avid | avidious |
| avidly | audaculous |
|  | avidity <br> audacity <br> audacious <br> audaciousness |

Aveo, avere - to be eager or anxious, desire, yearn for Avarus - miser, hoarder of money
Audax, audacis - bold, daring ${ }^{1}$

```
            aviary avion-ms
```


Avis-bird \{au, os\}
uncle
$\begin{array}{ccc}\text { Uncle Sam } & \text { avuncular } & \text { avunculize } \\ \text { uncleless } & \text { atavism } & \text { Uncle Tom's Cabin-LE } \\ \text { Uncle Remus } & \text { atavistic } & \\ & \text { say uncle-v } & \\ & \text { avunculate-ap } & \end{array}$
Avunculus - maternal uncle \{uncl\}
Avus-grandfather
Atavus-remote ancestor

## 超: Zatin




## Barba-beard

[^11]| ```bar barred barrel }\mp@subsup{}{}{1}\mathrm{ (n.) barrier barrel cactus barrette embarrassing embarrassingly embarrass embarrassment }\mp@subsup{}{}{2``` | barricade <br> barrage <br> embargo debar <br> disbarembarrassed bull baGreat Barrier Reebarrel of funbarrel of laughsbarrel (adj.)barrel (v.) | ```disbar-1 barrister-gk/1 bar exam-1 barre-d/mu barre chord-mu barrelhouse-mu/gk barrel organ-mu barrel vault-at ossing the Bar-LE d Away-LE``` |
| :---: | :---: | :---: |

## Barra-rail, barrier, bar \{bar\}



Bassus - low, short \{bas\}
${ }^{1}$ The idea here is that a barrel forms a 'barrier' for its contents, not letting them out; this is a debated origin. ${ }^{2}$ The etymological notion behind embarrassment is that one's sense of self is put 'into or behind bars' for public inspection; one becomes highly and often blushingly 'self-conscious' until once again freed from such a 'disconcerting' or embarrassing restraint.


Battuo, battuere - to beat, pound $\{b a t\}$

[^12]| rebel (v.) bellicose |  | bellipotent-gk |  |
| :---: | :---: | :---: | :---: |
| rebel (n.) | belligerent | antebellum-fl/h | bellatrix |
| rebellious bell | belligerency | casus belli-fl | belligerate |
| rebellion | on bellicosity |  | debellator |
| rebelliousness | ness | Bellona-my | belliferous |
| duel $^{1}$ be | belligerence | The Rebel-Ф | imbellic |
| duelist bellicos | bellicoseness | Rebel-h | imbelliousduellion |
| dueling | postbellum | The Duel-LE duellionduello-sp |  |
| duelled |  |  |  |  |
| Rebellious Slave-a |  |  |  |
| revelry |  | Jack Cade's Rebellion-h <br> Whisky Rebellion-h |  |
|  |  |  |  |  |  |
|  |  | veller |  |

Bellum - war, fighting, contention \{bel, vel\}


$$
\text { Bellus - pretty, handsome, charming \{beau\} }
$$ shift from the ' b ' of bellum to the ' v ' of revel.



[^13] consonant shift from ' $b$ ' to 'v.'
bicoastal-gk


## Bini - two by two, two each

[^14]

Bonus - good, worthy, well-behaved, excellent $\{$ bount $\}$

car bra<br>pretzel ${ }^{1}$<br>brace (v.) brace (n.) bracelet braceleted bra $^{2}$<br>brassiere<br>embrace (n.) Brachiosaurus-p<br>biceps brachii-an<br>brace-n/mu/M<br>brachial-Bz/an<br>embrace (v.)<br>embraced<br>brachial plexus-an<br>brachiocephalic-an<br>embracing brachiopod-Bz<br>brachial vein-an<br>brachiolaria-Bz brachiate-Bz brassard-gk embraceor-1 embracery-1 brachialis-an<br>brace and bit-gk brachial artery-an<br>brachycephalic-md brachycatalectic-LE<br>brachylogy-LE brachytypous-mn amphibrach-LE brachypterous-Bz brachydactylia-md Brachylophosaurus-p Brachyceratops-p brachygraphy-gk tribrach-LE brachyskelic-md Brachypodosaurus-p Brachyura-Bz hypsibrachycephalic-ap brachyodont-Bz<br>> Bracchium - arm > Brachion (Gr.) - shorter, upper arm > Brachys (Gr.) - short



Brocca-a pointed stick, spike $\{b r o c$, brok $\}$
${ }^{1}$ A brochure is etymologically 'pages stitched together;' one 'stitches' with a 'pointed' object. ${ }^{2}$ To broach a subject is etymologically to pierce it with a 'spike,' thereby metaphorically 'breaking the ice' to introduce it.

```
                        buccula-Bz
                        debouch-ms/ge
                        disembogue-ge/gk
            embouchure-ge/mu
                buccal-md/an
                    buccellation
    bucca-Bz
                                    buccolingual-an
                                    buccolabial-an
bucconasal-an
    buccopharyngeal-an
            buccogingival-dt
                                    buccal gland-an
                                    buccal mass-Bz
                                    buccal veins-an
                    buccal arteries-an
                    buccal cavity-an
                    bonne bouche-fl
                    Bucca - mouth, cheek {bouch}
```



```
Bulla-bubble, round object, boss, stud \{boill, bowl\}
            Billa - sealed document, official paper {bull12}
                    Bullio, bullire - to bubble, boil {budg}
```

${ }^{1}$ To budge someone is to 'stir' him from his present position, just as 'boiling' is the 'stirring' of still water. ${ }^{2}$ As in a papal 'bull.'


## Buscus - bush, wood \{bush\}

${ }^{1}$ Burglars are experts at infiltrating well-protected establishments. ${ }^{2}$ The most famous boroughs in the USA are the five in New York City: Queens, the Bronx, Harlem, Manhattan, and Brooklyn. ${ }^{3}$ The bourgeoisie originally were a middle-class, primarily mercantile section of medieval society that chiefly operated within towns, which were often heavily 'fortified.' ${ }^{4}$ Note again the consonant shift from the 'b' of bursa to the 'p' of purse. ${ }^{5} \mathrm{Via}$ French hautbois, 'deep wood;' this woodwind makes low sounds.

## $\mathfrak{C}:$ Inatin

caballero cavalier (adj.)

chivalry aerocade
cavalcade
chivalric
chivalrous
motorcade aquacade
chevaline-gs shevvie
cavalla-Bz
chevalier-gk
capercaillie-Bz
cavalier servente-fl
chevalier d'industrie-fl
caballine-LE
chevalet-mu
camelcade cheval de frise-ms
Age of Chivalry cheval glass-gk
cheval de bataille-fl
Cavalier lyrics-LE
Cavalier poets-LE
Cavalier drama-LE
Le Chevalier au Lion-LE
Cavalry Crossing a Ford-LE
Le Chevalier de la Charrette-LE


Cado, cadere, cecidi, casum - to fall, die, happen \{cay, cid, chanc, cheat\}
${ }^{1}$ When one cheats, one morally 'falls.' ${ }^{2}$ Things 'fall' through a chute, such as water, just as one 'falls prepared' in a parachute. The para of parachute comes from 'parasol,' which resembles it in shape. ${ }^{3}$ I was convinced that the charlatan was guilty of casuistry; words 'fell' from his lips a little too glibly.


## Caedo, caedere, cecidi, caesum - to cut, kill \{chis, cid, cis, -cide\} Caesar, Caesaris - Caesar

${ }^{1}$ When one makes a decision, one must 'cut off' or 'cut away' all other possibilities to arrive at a judgment. ${ }^{2}$ Caesar was either a reference to being reputedly 'cut' from his mother's womb, the first recorded 'cesarean' section, or to his "full head of hair," a jocular cognomen since most busts of Caesar show him to be balding, his hair 'cut' away.

| ceiling ceilinged |  | coeligenous celestical |
| :---: | :---: | :---: |

# Caelum - sky \{ceil, cel\} <br> Caelestis - heavenly, from the sky \{celest\} Caeruleus-blue \{cerul\} 

recalcitrant ${ }^{1}$
recalcitrance inculcate inculcation inculcated

caulk<br>calk-gk<br>calzone-gs Bz/an

calcaneum-an
calceolaria-Bb
calcar avis-an calcarine-an/gk
cockatrice-my
calceolate-Bb
calcarine sulcus-an

Calco, calcare, calcavi, calcatum - to tread underfoot, track \{culc, culcat\} Calx, calcis - heel \{culc\}

[^15]

Caleo, calere, calui - to be warm, hot \{chaf, chal, chauf\}
Calidus - warm \{cald, cauld\}
Calor-heat
calendar year
calendar month binomial nomenclature Greek calends

| intercalate-gk |
| :---: |
| calendula-Bb |
| calendrical |
| calends-h |
| intercalary-gk |

nomenclator-s/a/h
nomenclature-a/s
The Shepheardes Calendar-LE

## Calo, calare, calavi, calatum - to announce, summon, convoke \{clat\} Kalendae - the first day of the month \{calend\}

\(\left.$$
\begin{array}{cccc}\begin{array}{c}\text { challenge } \\
\text { challenger } \\
\text { challenged (v.) } \\
\text { calumniate } \\
\text { calumniation } \\
\text { challenging }\end{array}
$$ \& calumny \& \& <br>
\& calumnious <br>
unchallenging <br>

challengeable\end{array}\right) \quad\)| challenged (adj.) |
| :---: |

# Calumnior, calumniari, calumniatus sum - to contrive false accusations, find fault \{challeng, calumn\} 

[^16]calcimine-gk
calculate ${ }^{1}$
calculation calculator
calculable calculating
miscalculate incalculable chalk calculated causeway incalculably calcium Ca
calculative calculus chalky
recalculate recalculation
chalkboard chalk up-v
dyscalculia-md
pedocal-g
causeway-gk
chalk talk-gk
calcium cyclamate- CH calcium hydroxide- CH
integral calculus-M
urinary calculus-md
calculus of variations-M
calcium channel blocker-md

## Calx, calcis-limestone, chalk \{chalk\} Calculus - pebble

camarilla-fl
concamerated-Bz
camera obscura-a
camera lucida-s
Comrade-ps
camera-1/a/fl
unicameral-1 chamber-fellow camaraderie cameral-gk cameralist-h chamber music-mu
chamber tomb-ah camarada cabaret-gk incameration in camera-fl chamberlain-gk/r
concameration-at/PH
Camarasaurus-p
The Camera Eye-LE
bicameral legislature-1
cavitas concamerata-an

$$
\text { Camera - room, chamber \{chamber, camar\} }
$$

[^17]| change (n.) <br> changing | change (v.) <br> changeable | changed <br> changeful <br> changeover |
| :---: | :---: | :---: |
| changer |  |  | changeability changeup-s

Cambio, cambiare - to exchange \{chang\}
$\left.\begin{array}{cc} & \begin{array}{c}\text { Champs Élysées } \\ \text { aide-de-camp-ms } \\ \text { champignon-gs }\end{array} \\ \text { Champane-ge } \\ \text { campo-ge }\end{array}\right]$

Campus-a plain, field \{champ\}

[^18]```
        canceleer-sp
        cancel
    canceler
        cancellation
            cancelled
                cancelable cancellate-an
                        Cancellariidae-Bz
                            cancelli-at/r
                    cancelbot-CS
                    chancellorship-gk/1
                    Lord Chancellor-gk/1
                    Chancellor of the Exchequer-$
                    Cancer-lattice {chanc}
Cancellus - gridwork of bars, barrier {cancel, chancell, chancel}
carcinoma-md
            carcinomatosis-md
                        carcinology-Bz
                        cancerology-md
            cancerphobia-PS
            Carcinonemertes-Bz
cancer carcinosarcoma-md
cancerous carcinogen carangid-Bz
        Cancer
            canker sore canker-md/vt
                tropic of Cancer cankerous-md
                    cankerroot-Bb
                    cocarcinogen-md
                        cancerate-md
                    cancer eye-vt
                        cancroid-md/gk
                        cancerocidal-md
                        cancericidal-md
                        cancer family-md
                        cankerworm-Bz
                    teratocarcinoma-md
Cancer, cancri - crab, cancer, tumor, malignant disease {canker}
    Karkinos (Gr.) - cancer, crab {carcin, carcino-}
```



## Candeo, candere, candui - to be of brilliant whiteness, shine, be hot \{chand\} Incendo, incendere, incendi, incensum - to set fire to Candidus-white, clear, unambiguous

Canis-Bz<br>chenille-fs<br>canine<br>kennel ( n .) canary ${ }^{2}$<br>kennel (v.)<br>canines

Canis-dog

[^19]

> Cano, canere, cecini, cantum - to sing \{chant, cent $\}$ Carmen, carminis - hymn, spell, poem, song $\{$ charm $\}$

[^20]| chèvre-gs |  |  |  |
| :---: | :---: | :---: | :---: |
| cabstand | taxicab cab |  | caprine-gk <br> cabretta-fs |
|  | cabby |  |  |
|  | caper | cabrilla-Bz | cheverel |
|  | Capricorn | caprice | cabriole-gk |
|  | cab driver | capricious ${ }^{2}$ | cabriolet-gk |
|  |  | cabbie capri | ciously capriole-sp/gk |
|  |  | tropic of | Capricorn capripede-gk |
|  |  |  | omycin-md |
|  |  | capric acid-B | BCM |
|  |  | chevron-gk/at | /he |

Caper, capri-goat $\{\mathrm{cab}, \mathrm{cabr}\}$

| $\begin{array}{rc}\text { capillary } & \text { dishevel } \\ \text { dishevelment } \\ \text { disheveled }\end{array}$ | capillaire-gs <br> capillaceous <br> chevelure-gk <br> Capillaria-Bz <br> capillarity-CH <br> capillaturecapillaroscope-scapilliculture-mdcapilliform-gkcapillate-gkcapillus-md/CHcapillose-gk |
| :---: | :---: |

## Capillus-hair \{shevel\}

[^21]


# Capio, capere, cepi, captum - to take, seize, catch, accept, obtain, receive, grasp mentally, keep \{cat, catch, ceipt, ceit, ceiv, cept, chas, cip, cov, cup\} Capsa - container, box, case \{cas, cash, cask\} 

escape velocity chaplet-gk/at/r cope-r kepi-ms Capuchin-r
cap (n.) cap (v.) La Sainte-Chapelle-a escapism-gk
chapel escapade cape-sp chape-ms capistrate
chaperone (n.) inescapable caparison chapeau-fl
chaperone (v.) caparisoned escape clause-1
escape escapable escapement-gk
escape artist escapology-gk
escapee capuche-fs
cape capuchin-fs/Bz
scapegoat a cappella-mu
Cappa-hood, hooded cloak \{chap\}
${ }^{1}$ Via the Latin capulum, 'lasso,' which 'seizes' animals; a cable looks like a rope. Again, notice the shift of the ' p ' in capulum to the ' b ' in 'cable.' ${ }^{2} \mathrm{Via}$ Grimm's law, the letter ' p ' can change to ' v .'

```
                    CEO caput-an
                            commander-in-chief Chief Justice-1
                                mischievously cabbageworm-ag
                            unachievable corporal-ms
                achievable precipitancy cape-ge
                achieving precipitated cattle tick-vt
            chiefly precipitate (adj.) cattle guard-ag venture capital-$
    capital decapitate caddishness capitulum-B
        capitol decapitation cad}\mp@subsup{}{}{6}\mathrm{ occipital-an capitular-gk
    Captain Cook recapitulate chattels per capita-fl capo-gk/mu
Capitol Hill capitulate chattel chef-d'oeuvre-fl capitose-gk
recap }\mp@subsup{}{}{1}\mathrm{ decapitated caddish occiput-an capitulant-gk
            captain recapitulation
        cattle }\mp@subsup{}{}{2}\mathrm{ precipice
            chief (adj.) capitulation
                caprice
            capricious }\mp@subsup{}{}{5
                chieftain cap
    chapter precipitately
            biceps }\mp@subsup{}{}{3}\quad\mathrm{ precipitant
            cadet precipitate (v.)
                achieve precipitous
                achievement precipitation
                        achiever capitalism triceps }\mp@subsup{}{}{3
                        caudillismo-ps
                        kerchief capitalistic quadriceps }\mp@subsup{}{}{3
                        handkerchief in capite-fl
                    hanky capitolo-LE
                        cabbage capital-at
                            mischief }\mp@subsup{}{}{4}\quad\mathrm{ Cape Cod-ge
                mischievous Cape Hatteras-ge
                        precipitation Cape of Good Hope
                        caddie Chief Executive
                    capitalize Cape Town-ge
                    capitalization
                    overachiever Das Kapital-Ф
                    underachiever
                        underachieve Captain John Smith
                        underachievement mid-cap stocks-$
                large-cap stocks-$ small-cap stocks-$
                    micro-cap stocks-$
                    caput succedaneum-md
                    market capitalization-$
                        Kansas City Chiefs-sp
```


# Caput, capitis - head, summit, source, origin, leader, capital, horizontal extreme \{capt, ceps, chapt, chief, chiev, cipit\} <br> Capitulum-little head 

[^22]carboxyl-CH
carbonatite-g
carboxylate-BCM
hydrocarbon-CH
carbon
carbon copy
cremains-gk
carbs
carbamazepine-md
carbo
carbohydrate carbon dioxide carbon monoxide cremate radio
cremation carbon-14-CH
cremated C carbonaceous-CH
crematory carbonara-gs
crematorium carbon-nitrogen cycle-PH
carbonate
carbonic acid-CH
Carboniferous-g
carbon process-a
carbon star-as
carbonated water
carburetor
CO2
carbuncle-md/gm
carboxyhemoglobin-BCM carboxypeptidase-BCM
carbon tax-\$
carbolic-CH
carboxylase-BCM
carbon tax-\$

## Carbo, carbonis - charcoal, glowing coal \{carbo-\} Cremo, cremare, cremavi, crematum - to burn



## Caro, carnis-flesh, meat

[^23]

Carpo, carpere, carpsi, carptum - to pick, pluck, cull, seize $\{$ cerpt $\}$ Excerpo, excerpere, excerpsi, excerptum - to select, pick out \{scarc\}

Karpos (Gr.) - fruit ${ }^{2}$ \{-carp, -carpous, carpo-\}


[^24]```
                charitable
charity caress caressive caritas-r
    uncharitable caressing
        charitably cherish
        uncharitably cherished (adj.)
        charitableness caressingly
        Carus-dear {cher}
        Caritas-affection {charit}
```

castle château-fl
castles in the air castellate-at
Cinderella's castle
castellated-at
Bluebeard's castle
castellatus-mt
castling-sp
alcazar-gk
forecastle-n
castleward-gk
castlery-h
castlet-gk
castle walk-d
châteaux-fl
Manchester-ge
Rochester-ge
Worcester-ge
Gloucester-ge
châtelaine-gk
castellan-gk
castellar-at
châtelain-gk
castellany-gk
châteaubriand-gs
Castle Rackrent-LE
Castle Dangerous-LE
The Castle of Otranto-LE
altocumulus castellatus-mt
The Castle of Perseverance-LE
Castellum - refuge, stronghold \{castl, chat\}
Castra-fortified place, camp \{chester, cester\}
chaste chasteness chastely
chastity incest-gk

> chastened caste system-so
chasten Vitus agnus-castus-Bb
chastise caste ${ }^{1}$ incestuous-gk
chastisement chastity belt-h
castigate
castigation
castigator
unchaste

## Castus - pure, without stain \{cest, chast\} <br> Castigo, castigare, castigavi, castigatum - to punish, correct faults ${ }^{2}$

incatenate-gk<br>catenary-gk catenoid-gk/M<br>food chain chain chain mail chain gang concatenation catena-gk tter chainlink fence enchain-gk channel-n<br>chain saw<br>chain store<br>unchain<br>chain reaction- $\mathrm{PH} / \mathrm{CH}$<br>chain initiation codon-BCM<br>chain termination codon-BCM<br>unchained chain rule-M<br>chainmail catenative verb-gr catenate-gk

Catena-chain \{chain\}

[^25]

[^26]| caution (n.) | precaution |  | caveat emptor-fl |
| :---: | :---: | :---: | :---: |
| cautionary |  | cave canem-fl <br> caveat actor-fl |  |
| caution (v.) | caveat $^{1}$ | caveat-1/sp | cauty |
| cautioning |  |  |  |
|  | cautionless |  |  |
|  | cautious |  |  |
|  | cautiously |  |  |
|  | cautiousness |  |  |
|  | incautious |  |  |

## Caveo, cavere, cavi, cautum - to beware of, take care

| caveman <br> cave (n.) |  |
| :---: | :---: |
| caving |  |
| cave (v.) | incavation-gk |
| cave dweller concave | gabion-gk |
| cavern concavity | cavatina-mu |
| gaol excavate | cavetto-at |
| gaoler excavation | vena cava-a |
| jail ${ }^{2}$ cavernous | The Cave-LE |
| jailhouse cavity | Allegory of the Cave-Ф |
| jailer excavator | cave paintings-a |
| jailbird cajole ${ }^{3}$ | cavefish-Bz |
| jailbreak decoy (n.) | caver-sp |
| $\mathrm{decoy}^{4}$ (v.) | cavernicolous-gk |
| decoyed | cavatelli-gs |
| cajolery | Jailhouse Rock-mu |
| cage | jailbait-gk |
| caged | concavoconvex-s |
| cageling | concave-s |
| cavity jailhouse lawyer-v |  |
| Cavus - hollow |  |
| Cavea - coop, hive, cage, stall, dungeon \{cag, jail\} |  |

Cavea - coop, hive, cage, stall, dungeon \{cag, jaill\}

[^27]

## Cedo, cedere, cessi, cessum - to go, move, yield,

## withdraw, come to an end \{ceas, ceed\}

${ }^{1}$ To succeed is etymologically to 'go to the foot of' one's goal ${ }^{2}$ If something is necessary, one can 'not go' without it. ${ }^{3}$ One person 'succeeding' another is etymologically 'moving (up) from below,' such as a prince to a king; the prince's succession will formally occur after the last funeral rites of his lately deceased father.



# Celo, celare, celavi, celatum - to hide \{ceal, cult\} <br> Cella - storeroom, chamber Color-that which covers, hue <br> Supercilium - eyebrow 

[^28]

[^29]

## Centum - one hundred $\left\{\right.$ centi- $\left.{ }^{2}\right\}$

```
cerebral excerebrose
    CVA-md saveloy-gs acerebral
                                    cervelas-gs/mu
                                    cerebellum-an
                            cerebrate-gk cerebric-gk
                                cerebrum-an cerebrovascular-an
                            cerebral palsy-md
                                cerebrospinal-an cerebroid-gk
                            cerebroside-BCM
                            cerebrol-CH
cerebrovisceral-Bz cerebral thrombosis-md
                                    cerebral cortex-an cerebral palsy-md
                                    cerebral hemisphere-an
                                    decerebrate-md/vt
                                    cerebrospinal meningitis-md
                                    cerebriform-gk
                            sinistrocerebral-PS/an
                        cerebrally challenged-gk
```

                                    Cerebrum - brain \{cerebro-\}
    ```
                            concern }\mp@subsup{}{}{1}\mathrm{ discern
```



## Cerno, cernere, crevi, cretum - sift, discern, perceive, decide, separate Crimen, criminis - judgment, crime



Certo, certare, certavi - to compete, strive, contend, fight, struggle

[^30]

## Certus-sure

```
            chart (v.)
        cartoonist
                cartoons }\mp@subsup{}{}{1
        cartoon
            chart (n.)
            charted
        uncharted
            carton2
            egg carton
        milk carton
        ink cartridge }\mp@subsup{}{}{3
            card
    cards
```

                cardboard city-so
    cardboard character-gk
cardboard character-gk
card-sp/gk
cartogram-gk
charter-gk
chartulary-gk
cartography
charterhouse-r
cartographer
chartist-\$
cartouche-gk/at
cartridge pen-gk
cartridge clip-ms/gk
card-carrying-gk
lay one's cards on the table-v
cardholder cartel-gk/ms/\$
card catalog écarté-sp/d
cardboard discard (n.)-sp
credit card
à la carte
a la carte
discard (v.)
discarded
postcard
cartridge
Magna Carta
Charta - sheet of paper, paper for writing \{cart, card\}
Chartes (Gr.) - a leaf of paper

[^31]chemist
chemistry alchemy ${ }^{1}$
alchemical alchemist
chemical chemistry lab
chem lab chem
chemically chemosynthesis-BCM
chemo chemosurgery-md
organic chemistry chemosphere-mt
organic chemist $\quad$ physical chemistry-CH

inorganic chemistry $\left.\begin{array}{c}\text { chemical engineering-s/CH } \\ \text { inorganic chemist chemical dependency-gk } \\ \text { biochemist }\end{array}\right]$ The Alchemist-LE
biochemistry phytochemistry-BCM
chemotherapy chemical warfare-ms
chemical reaction chemoautotroph-B
chemical bond chemoreceptor-md
chemurgy-ag/CH

## Chimicus - alchemist \{chem, chemo-\} Alchimia - alchemy \{alchem\}

$$
\begin{aligned}
& \text { cipher }^{2} \text { (v.) ciphertext-gk } \\
& \text { zeros cypher (v.) } \\
& \text { zero (n.) ciphered } \\
& \text { zero (v.) ciphering } \\
& \text { zeroed decipher encipher zeroth-M/s } \\
& \text { zeroes decipherable cipher (n.) zero-sum-\$ } \\
& \text { zeroing indecipherable cypher (n.) zero-base-\$ } \\
& \text { zero degrees Fahrenheit absolute zero zero copula-lg } \\
& \text { zero degrees centigrade zero gravity-PH } \\
& \text { zero degrees Celsius zero-sum game-gk } \\
& \text { zero-balance-gk zero day-ms } \\
& \text { zero hour-ms/gk zero-zero-gk } \\
& \text { zero-point-PH aleph-zero-M } \\
& \text { zerovalent-CH } \\
& \text { zero-derivation-lg } \\
& \text { zero tolerance-gk } \\
& \text { zero degrees Kelvin-PH } \\
& \text { zero-coupon bond-\$ } \\
& \text { zero-point energy-PH } \\
& \text { zero-population growth-gk } \\
& \text { zero-emission vehicle-s } \\
& \text { Cifra-zero \{ciph, cyph\} } \\
& \text { Zephirum - nothing \{zero\} }
\end{aligned}
$$

[^32]| succinct | enceinte-ms |  |
| :---: | :---: | :---: |
| succinctly cincture | shingles-md discinct |  |
| succinctness | precinctcingulum-B |  |
| cinch |  |  |
|  |  |  |
|  | surcingle-sp/r |  |
| accinge-gk cingulomania |  |  |

## Cingo, cingere, cinxi, cinctum - to gird, surround, beleaguer Succinctus - concise ${ }^{1}$


${ }^{1}$ Succinctus also referred to clothes 'gathered up by a belt' so that no loose or unnecessary items of clothing encumbered one; ridding one's speech of unnecessary words became a metaphorical extension of this.


## Cito, citare, citavi, citatum - to set in motion, quote, mention, summon, encourage, rouse, excite ${ }^{3}$

civic


## Civis-citizen

## Civitas - state, town, organized community \{cit\}

${ }^{1}$ See note 6, p. 350. ${ }^{2}$ To resuscitate is to 'set (one) in motion again.' ${ }^{3}$ The many meanings of citare form a good example of the polysemous nature of many Latin verbs. ${ }^{4}$ If one is to act in a civil fashion, one should act as befits an upright 'citizen' of a lawful 'community.'


## Clamo, clamare, clamavi, clamatum - to shout, call out, declare \{claim\}

```
                                    Clara
                    clear (v.) Chanticleer-LE
                clearest chanticleer-gk
                clearer declaratory CAT-ar
                unclear declarative clarion-mu
        clear (adj.) clarity clarion declarant-gk
                clear-cut clairaudient clerestory-at glair-gk
            clarify clairvoyance clairaudience clairsentient-gk
clarification
        clarifier
        declare
        declaration
        clearance
        clarinet
        clarinetist
            clearheaded
                    clearing
                    clearing (n.)
                        clearsighted
                    reclarify
                clairvoyant chiaroscuro-a/LE clarigation
                        claret cup-gs/oe
                                    claire-obscure-a/LE
                                    éclaircissement-fl
                                    éclair-gs
                                    Aufklarung-h
                                    Clarissa-LE
                                    claret-oe
                                    clear out-v
                        in the clear-v
                            clear the air-v
                            renal clearance-md
                    reclarification declarative sentence-gr
                    Clarissa Claire
                    Claribel clearness
                    The Declaration of Independence
                    Clarus - clear, bright {clear, clair}
Declaro, declarare, declaravi, declaratum - to announce, tell, reveal, show }\mp@subsup{}{}{\mathbf{1}
```

```
            class
                                classis-r
    classmate
        classroom
        classic outclass
                        classical
        classy
    classify classically déclassé
classified outclassed
    classification
            classical music
                classical mythology classifieds-gk
                    middle-class classifier-lg
                    upper-class subclass-B/gk
                    lower-class class structure-so
                        second-class class struggle-so
                        first-class neoclassicism-LE/a/at/mu
                        underclass
                            lowerclassman
                            underclassman
```

classis-r the classics-1g classism-so declassify-gk class act-v class action-1 classical conditioning-PS
classicism-a/at/LE
classicist-gk
classical mythology classifieds-gk
middle-class classifier-lg
upper-class subclass-B/gk
lower-class class structure-so
second-class class struggle-so
first-class neoclassicism-LE/a/at/mu
underclass
underclassman

## Classis-class of the Roman people, fleet, rank, grade, group



# Claudo, claudere, clausi, clausum - to shut, close \{claustr, clos, clud, clus\} 

[^33]G clef $^{1}$ conclave $^{2}$
bass clef enclave
treble clef clef-mu
claviature-mu
clavicembalo-mu
clavicula-an
clave-mu
treble clef-mu
bass clef-mu
clavipectoral-an
roman à clef-LE
clef de voûte-at
clavicor-mu
clavicytherium-mu
klavierstück-mu

## Clavis - key \{clef $\}$

| Clementine <br> inclement | Clement <br> clemency | clement <br> clemently <br> inclemency <br> inclemently |
| :---: | :---: | :---: |

## Clementia - mercy, mildness, calmness \{clemenc ${ }^{3}$ \}

| declive-an |  |  |
| :---: | :---: | :---: |
| proclivity $^{4}$ | clivus-an |  |
| acclivity $^{\text {acclivitous }}$ | clivose |  |
|  | declivity | declivitous |
|  |  | declivous |

## Clivus ${ }^{5}$ - slope, hill

[^34]

## Codex, codicis - ancient book, book of laws



## Cohors, cohortis - enclosed yard, courtyard, retinue, group of people \{court, curt <br> Hortus - garden


#### Abstract

${ }^{1}$ A code can be a 'collection of laws,' or can be a secret way to communicate using different symbols based upon a secret 'law' that, if one discovers the key to the 'code,' can then be 'decoded' or understood. ${ }^{2} \mathrm{~A}$ court is not only an 'enclosed area' in which events take place, but can also stand for those people who are present in the court, a courtroom, for instance, is an 'enclosed area' in which trials are conducted, whereas the jury, judge, defendant, plaintiff, and lawyers comprise the 'group of people' of the court. ${ }^{3} \mathrm{When}$ the word courtship originated, men often 'courted' women in the confined and protective space of a 'garden,' or 'enclosed yard,' not only for the purposes of relative privacy, but also of modesty (gardens were close to homes); such 'courtiers' were encouraged to be 'courteous,' or chivalric and respectful, when 'courting' their lady love. A woman showed respect for her 'courtier' by 'curtsying.' ${ }^{4} \mathrm{~A}$ curtain is a simple way to 'enclose' a space by providing a visual screen.




## Colo, colare, colavi, colatum - to strain, filter \{coul\}

${ }^{1}$ Originally, one gave 'praise' by embracing around the 'neck;' medals and other forms of symbolic praise can also be hung around the 'neck.' Kings dubbed knights, or gave them an accolades, by tapping a sword on either side of their "necks." ${ }^{2}$ A portcullis is etymologically a huge iron 'gate' which acts as a 'filter' to 'strain' out the enemy.


## Colo, colere, colui, cultum - to till, grow, tend, maintain, develop, revere, worship, inhabit \{-colous\} <br> Colonus - settler, farmer

${ }^{1}$ The culture of a given people is etymologically those arts, skills, crafts, etc. which have been 'tended,' 'grown,' or 'developed' by that people during their heyday in history.
column dress-fs

| colonel $^{1}$ |  | column-at/an/Bb <br> colonelcy <br> colonette-at |
| :---: | :---: | :---: |
| column | culminate | colonnade-at <br> columniation-at |
| columnist culminated <br> colonelship culmination | intercolumniation-at <br> columella-B |  |
| columnar | columnar epithelium-an |  |

## Columna-projecting object, column \{colon\} Culmen, culminis - top, summit



## Communis - common, public, general \{common\}

Communico, communicare, communicavi, communicatum - to share, associate, discuss, give information
${ }^{1}$ A colonel originally commanded the head of a 'column' of soldiers. Note the ' r ' sound for the ' 1 ' in colonel; sometimes sounds (called confounded sounds) are interchanged seemingly at random, most especially ' 1 ' and 'r:' cf. 'glamour' vs. 'grammar,' and 'Hal' vs. 'Harry' (from Shakespeare's Henry IV plays).


# Condo, condere, condidi, conditum - to hide, put away, construct Condio, condire, condii, conditum - to season, preserve 

incongruous
incongruity
incongruent
incongruently
incongruence
congruent
congruity congruent-M
congrue
congruence
congruency
congruently
congruous
congruously
incongruously
incongruousness

Congruo, congruere, congrui - to come together, agree, suit, accord


$$
\text { Contra - opposite, against \{contr, counter, countr\} }
$$

[^35]

## Copia-plenty, profusion

Ops, opis-wealth, abundance


Coquo, coquere, coxi, coctum - to cook, ripen \{coc, cook, cot, cott, cuis, kitch\} Culina-kitchen \{kiln\}

[^36]

[^37]

## Cornu - horn, point

| CCU-md |
| :---: |
| coronet-gk/Bz |
| corona-as/at/an |
| coronary-md |
| crown (n.) |
| crowning |
| crown (v.) |


| corolla-Bb |
| :---: |
| crown jewels |
| crown princess |
| crown prince |


| Crown-ps |
| :---: |

coronal-lg
coronary artery-an
corns

[^38]

## Cortex, corticis - bark, rind, shell, husk

${ }^{1}$ The word corsage underwent numerous meaning changes that all logically progressed: the torso, or 'body' distinct from the limbs; then the bodice, or 'body,' of a woman's dress; lastly a bouquet pinned on the bodice. ${ }^{2}$ The industrious leprechaun means 'little body;' his counterpart, the 'clurichaun,' was more into having fun. ${ }^{3} \mathrm{~A}$ corpulent person is etymologically 'rich in or full of body.' ${ }^{4} \mathrm{~A}$ corporal is in charge of a 'body' of soldiers.

| Costa Rica costermonger-\$ |  |
| :---: | :---: |
| coasting | costard-gs/Bb |
| coast ${ }^{1}$ (v.) | costate-an/B |
| coast (n.) | Côte d'Azur-ge |
| coastal ac | accost ${ }^{2}$ intercostal-an |
| ollercoaster | accosted crebricostate-B |
| Coast Guard | costa-B |
| coastline | cuesta-ge |
| coastland | sternocostal-an |
| coast-to-coast | st cutlet-gs |
| coaster | $r$ costrel-gk |
| seacoast | Ivory Coast-ge |
| Costa | a Brava-ge |
| Costa | a del Sol-ge |

## Costa - rib, flank, side \{coast\}

| grampus-Bz cresset-gk |  |
| :---: | :---: |
| Grease-f |  |
| crass | crucible ${ }^{4}$ Crassisoma-Bz |
| grease $^{3} \quad$ crassness | crassamentum-md |
| greasy crassitude | crassa negligentia-1 |
| greasy spoon crassly | Crassula-Bb |
| greasiness | Crassostrea-Bz |
|  | Crassulaculae-Bb |
|  | grease gun-gk |
|  | ase monkey-v |
| Licin | Crassus-h |

## Crassus-thick, stupid, fat \{greas\}

| grid |  |  |
| :---: | :---: | :---: |
|  | gridded | creel-sp |
| grill (n.) | gridlock | power grid-gk |
| crate (n.) | grill (v.) | gridiron-sp |
| crate (v.) |  |  |
| grate |  | grill (v.)-v |
| grill |  | grillage-at |
| griddle |  | grille-gk |
|  | griddlecake gril | ork-gk |
|  | barbecue grill gratin |  |

$$
\text { Cratis - lattice, wickerwork hurdle \{grid, grill, grat\} }
$$

[^39]

Credo, credere, credidi, creditum - to believe, trust \{creant, grant\}


Creo, creare, creavi, creatum - to make, create, produce, cause Sincerus - pure, clean ${ }^{5}$

[^40]


Cresco, crescere ${ }^{4}$, crevi, cretum - to grow, arise, appear, increase \{cre, creas, cru, cruit\}


[^41]

## Crudus - bloody, raw, undigested, rough <br> Crudelis - cruel \{cruel\}

Kreas, kreato (Gr.) -flesh, raw meat \{creas, creat, creo\}

|  |
| :---: |
| Crusta-rind, shell, husk <br> Krystallos (Gr.) - ice ${ }^{3}$, crystal \{crystal, crystall\} |

[^42]Crux-as
crusado-\$/h
Rosicrucians-gk
crux gemmata-r
Raising of the Cross-a
Red Cross The Redcrosse Knight-LE
cross bike
cruciade-h/r
crossword cruciform cruiser-ms
crosswise crux ${ }^{3}$ cross vaulting-at cruciation
crosswalk excruciate cruciate cross-train-sp discruciate
crucifix excruciating ${ }^{4}$ crossing-at crucifige
cross (n.) crucial Crucifix Corner-LE
crisscross (v.) crucially Crossing the Bar-LE
crossing crucify
Crossing Brooklyn Ferry-LE
crossword crucified
crisscross (n.) excruciatingly
cruise ${ }^{1}$ (v.) crossroad
cruise (n.)
crusade
Crusades ${ }^{2}$
crusader
cross (v.)
cross (adj.)

PT Cruiser-gk
Land Cruiser-gk
The Crucible-LE crucifer-r/Bb
cruciferous vegetables- $\mathrm{Bb} / \mathrm{ag}$
The Crucifixion-r
cruciverbalist-lg
The True Cross-r
cross swords-v
cross swor
crossbones-gk crossbow
cross-examine-1 crossbreed cross-fertilization-gk crosscheck crossover-BCM
cross-pollination-Bb
crosscourt
crosscut
at cross-purposes-v
crossfire
cross section-M/PH
across-the-board-gk
cruise missile-ms
cruiserweight-sp
cruising radius-n/ar
cruciatocomplicate-Bz
cruciatoincumbent- Bz
cross-disciplinary-ed
Washington Crossing
the Delaware-a

$$
\text { Crux, crucis - cross \{cross, cruis, crus\} }
$$

[^43]

# Cubo, cubere, cubui, cubitum - to lie down, lie asleep, recline at table, go to sleep, rest \{cumb\} Cubiculum - bedroom \{cubicl\} 

| exculpate <br> exculpation |  |
| :---: | :---: |
| exculpated | mea culpa-fl |
| culpable | culpa lata-1 |
| culpability |  |
| culpa levis-1 |  |
| inculpable |  |
| inculpate | culpa levissima-1 |
| inculpationculpa levis in in concto-1 <br> inculpatory culpa-1 |  |
|  | exculpable |
|  | exculpatory |
|  | culpably |
|  | culprit |

## Culpa-fault, blame, guilt

[^44]

## Cum - with, together, thoroughly

${ }^{1}$ The 'intensive' form of many prefixes, which can be translated as thoroughly, e.g.: to 'compel' another is to thoroughly push him into doing it; to 'correct' a mistake is to make it thoroughly right; to 'complete' a task is to thoroughly fill it; if a metal is 'corroded' it is thoroughly eaten or gnawed away. Many prefixes have this intensive force.


```
    coin (n.) coin (v.)
        coinage coined
coin collecting cuneiform
            coin collector
```

                        cuneiform-lg/an
                        coign-at/gk
                                    quoin-at/gk
                                    cuneus-gk/an
                                    coin-at
                    cuneate-Bb
                    cuneal-gk
                    cuneoscaphoid-an
                    cuneocuboid-an
                    coign of vantage-gk
                    Cuneus - wedge \{coin\}
                    coop (v.)
    cup (n.)
coop (n.)
cup (v.)
cupbearer
buttercup
cupped
cupping
cupboard
cuppy-gk cupping-md/h cupola-at fly the coop-v cooper-gk cup of tea-v cupellation-ml
cupule-B
cupcake cupful
teacup
chicken coop
Cupa - barrel, vat, cask, tub \{coop\}
Cuppa - drinking container \{cup\}
${ }^{1}$ When coins were originally made, the die, or coin, that stamped them was shaped like a 'wedge;' later the word coin came to refer to the product of the stamping.

Cupid-my<br>cupid-a<br>kewpie doll Cupid's bow-sp<br>cupid's-dart-Bb<br>Cupid and Psyche-my/LE<br>concupiscible-gk<br>covetousness<br>cupidity<br>concupiscence<br>covet ${ }^{1}$<br>covetous

## Cupio, cupere, cupivi, cupitum - to wish, want, desire, long for \{cov\}



Again, via Grimm's law, a 'p' could shift to a 'v.' ${ }^{2}$ If one is curious or inquisitive about something, one etymologically 'cares' enough about it to seek more information.


Curro, currere, cucurri, cursum - to run, hurry, go on, continue \{cor, cours cur<br>curt<br>curtly<br>curtness<br>curtailed<br>curtailer<br>kirtle-fs curtal-Bz/gk<br>curtail curtailing curtailment

## Curtus-shortened, short

[^45]

## Curvus - bent, curved \{curb\} <br> Varus - bent, grown awry

| subcu-v |  |  |
| :---: | :---: | :---: |
| cutaneous-md/an |  |  |
| intracutaneous-an | percutaneous-md |  |
| cuticula-Bz | subcutaneous |  |

## Cutis-skin

## 列: Z Intin

| condemn | indemnify |
| :---: | :---: |
| condemnation |  |
| indemnity |  |
| condemnable condemnatory | damn-v <br> damnatory <br> damned damn (v.) |
| damnation | damagesedest-gk |
| damnable |  |
| damage |  |
| damaged |  |
| damaging |  |
| damageable |  |
| undamaged |  |
| redamaged |  |
| damage control |  |
| undamaged |  |

Damno, damnare, damnavi, damnatum -to declare guilty \{demn\}
Damnum-loss, penalty, injury \{dam, demn\}

| down | off | from | thoroughly |
| :--- | :--- | :--- | :--- |
| descend | deviate | demystify | desiccate <br> decelerate |
| degradation | decapitate | deficient | depravity |
| deduce | decisive | debunk | deride |
| demote | deciduous | defalcate- | defend |

## De-down, off, from, thoroughly

| debit (v.) debit (n.) debtor due | duly unduly undue duteous | debenture-\$ devoir-gk |
| :---: | :---: | :---: |
| dues | endeavor ${ }^{1}$ (n.) | due bill-\$ |
| duty dutiful | endeavor (v.) endeavoring | debtors' prison-h dutiable-\$ |
| dutifully | endeavored | duty bound-v |
| dutifulness | indebted | duty-free-\$ |
| on duty | indebtedness off duty debt overdue debit card | debt counselor-gk |

Debeo, debere, debui, debitum - to owe, ought \{deav, debt, du, dut\}
${ }^{1}$ An endeavor is etymologically a 'duty' one 'ought' to accomplish.


[^46]delete
deletion
deleted indelible indelibility
deletitious
indelibly
deletive
delenda-gk
deletion-BCM
deletory-gk

Deleo, delere, delevi, deletum - to destroy, efface, wipe out


```
            deity Deus-r
            deification
                                July }\mp@subsup{}{}{1}\mathrm{ deify
            divine }\begin{array}{c}{\mathrm{ divinity}}\\{\mathrm{ divinely deific}}
            divineness jovial}\mp@subsup{}{}{2
        Jupiter joviality divination joss stick-r deivirile
                By Jove!-v
                Jupiter-he
                                    joss-r
                                    deism-\Phi
                                    joss house-r
            Zeus jovially divinatory epideistic
                        adios divine (v.) Julius Caesar Jovian-my/as joviomelancholy
                        adieu diviner Romeo and Juliet prie-dieu-fl jovialist
                                    Jove deicide Dione-my/as jovy
                                    divinize deipotent-gk
                                    divinization Dioscuri-my
                            Julius Caesar-h
                                    Julius Caesar-LE
                                    Dianthus-Bb
                                    Divine Liturgy-r
                                    divine right-ps
                                    Jovian planets-as
                                    deiparous-my/r
                                    divine command ethics-\Phi
                                    deus ex machina-LE
                                    Deus sive Natura-Ф
                                    A Divine Image-LE
                                    The Divine Image-LE
                                    Dis Aliter Visum-LE
                        De divinatione-\Phi
                De natura deorum-\Phi
                Genealogia Deorum-LE
            The Divine Tragedy-LE
    Divina Commedia-LE
    Romeo and Juliet-LE/mu/d
    The Divinity School Address-LE
A Divine and Supernatural Light-LE
                    Temple of Jupiter Optimus Maximus-at
                Mount of Jupiter-gk Jupiterian-gk
                    Jupiter's-beard-Bb
                    Jovicentric-as
                    Jove's fruit-Bb
                    Deus-god {di}
                    Divus - divine, god
                    Zeus, Dios (Gr.) - Zeus
    Iuppiter, Iovis - Jupiter {Jov, Jupiter}
Iulius - descended from Jupiter {Jul, Juli}
```

[^47]> dexterity $^{1}$ dexterous $^{\text {dextrous }}$ ambidextrous ambidexterity dexterously dextrose-CH dextrin-CH dextrorse-Bb dexter-gk/he dextrosinistral-gk dextroversion-gk dextrophobia-PS deasil-gk dextral-Bz/gk dextrocardia-md dextranase-dt dextran-CH/md dextrorotatory-CH dextroamphetamine-md dextropropoxyphene-md sinistrodextral-gk dextroglucose-CH mano destra-mu destrier-ms

Dexter, dextra, dextrum - right \{dextro-\}

[^48]

[^49]| predictor | vindicate <br> prejudice <br> prejudiced | vindication <br> preachy |
| :---: | :---: | :---: |
| judicatory | salvediction <br> satisdiction <br> depredicate |  |
| preacher | injudiciously |  |
| prejudge | judic |  |

# Dico, dicere, dixi, dictum - to say, tell \{dit\} 

## Dico, dicare, dicavi, dicatum - to proclaim, show <br> Dicto, dictare, dictavi, dictatum - to recite, order

Index, indicis ${ }^{1}$ - one who shows or reveals
Iudex, iudicis ${ }^{2}$ - judge, one who gives an opinion $\{j u d g$, judic\}
Vindex, vindicis ${ }^{3}$ - claim, avenger, surety, defender, revenge \{veng\}


[^50]```
                    digitalis-Bb/md
                        digitalin-CH
                            digitize-s
                            digitalize-s
                            digitoxin-md
                                    digitiform-gk
                            DVD
            digit }\mp@subsup{}{}{1
            digital
            digitally
        digital phone
            digital camera
        prestidigitation
                                    digitate-Bb/gk
                        prestidigitate
                                    digitation-gk
                                    sexdigitism-md
                                    digital computer-CS
                                    digitorium-mu
            interdigitation-an
                                    digitalization-s
        digitization-s
                                    digitigrade-Bz
        digital photography-a
                                    digital recording-s
        digital compression-s
                            digital superhighway-s
        digital satellite system-s
                                    Digital Compact Cassette-s
        digital audio broadcasting-s
                        digerati-CS
                        Digitus-finger
dignity
dignify
dignitary
dainty \(^{2}\)\(\quad\)\begin{tabular}{c} 
indignantly \\
indignity \\
indignation
\end{tabular} \begin{tabular}{c} 
indignant
\end{tabular} \begin{tabular}{c} 
dedignation \\
condign \\
incondign
\end{tabular}
```

Dignus - worthy, deserving \{dain\} Dignitas - worthiness, fitness, importance \{daint\}

[^51]
discipline (v.)

| discipline (n.) disciplined (v.) <br> disciple <br> interdisciplinary <br> disciplinable |  |  | disciplinant-r <br> disciplinarian | Disciple-r <br> disciplinary | undisciplined |
| :---: | :---: | :---: | :---: | :---: | :---: |

## Disco, discere, didici-to learn <br> Discipulus - student \{discipl\}



Divido, dividere, divisi, divisum - to separate into parts, divide \{devic, devis\}
${ }^{1}$ A device has been 'devised' or etymologically 'separated out' to do a certain task. ${ }^{2}$ Dividend is Latin for 'to be divided;' the dividend in a 'division' problem is the number 'being divided,' whereas the divisor is the number doing the 'dividing,' or 'separating' into groups. ${ }^{3}$ An individual is 'separated' from everybody else; the etymological idea is that an individual is 'indivisible' or 'not divisible,' that is, she cannot be 'divided' any further, being whole unto herself.


[^52]Reddo, reddere, reddidi, redditum - to give back, hand over, set forth \{rend, rendit, rent\}
Trado, tradere, tradidi, traditum - to hand over, deliver, surrender \{trait, tray, treas\}
Vendo, vendere, vendidi, venditum - to sell, give for a fee
Didonai (Gr.) - to give \{dot\}
Dosis (Gr.) - something given


[^53] taught, never exerting himself and thereby, in his view, 'feeling no pain.'


[^54]

## Domo, domare, domavi, domatum - to tame, subdue \{daunt, domit\} Daman (Gr.) - to tame \{diam\}

dome<br>\(\begin{array}{cc}domestic \& domicile<br>domesticate \& domiciliary<br>domesticated \& domesticity\end{array}\)<br>\(\begin{array}{cc}domestic \& domicile<br>domesticate \& domiciliary<br>domesticated \& domesticity\end{array}\)<br>\(\begin{array}{cc}domestic \& domicile<br>domesticate \& domiciliary<br>domesticated \& domesticity\end{array}\)<br>domestication<br>major-domo-gk<br>domical-gk/at domify<br>domestically<br>lithodomous-Bz<br>duomo-at<br>domical vault-at<br>domestic partner-gk<br>domestic prelate-r<br>domestic violence-gk<br>opisthodome-h/r<br>The Dome of the Rock-at/r<br>dome-shaped mountains-g<br>Domus - house<br>Doma (Gr.) - house, housetop



Dormio, dormire, dormivi, dormitum - to sleep

[^55]```
            dorsum-an extrados-at
                dossal-gk
            endorse dorsolateral-an dorsal-an/B
            endorsement dorsiflexor-an
                    dorsad-an/B
                    dossier dorsiventral-B
                                    dorsigrade-Bz
                                    dorsal fin-Bz
                                    indorse-gk
                                    endorsee-gk
                                    dorsal root-an
                                    dorsolumbar-an
                                    dorsabdominal-an
                                    blank endorsement-$
                                    dorsal carpal ligament-an
            Dorsum - back {dorsi-, dorso-}
            dragon rankle }\mp@subsup{}{}{1}\mathrm{ Draco-as
            dragonfly rankling draconic mandrake-Bb
            Count Dracula draconian dragoon2 (v.) dragonet-Bz
                        dragonfish-Bz
                        dragon's blood-oe/Bb
                        fire-drake-gk
                Dracaena-Bb
            tarragon-gs
        draconic-gk
    dracontiasis-md
dracontium-Bb drakelet draconist flap-dragon
        Dracocephalum-Bb
            Dracula-LE
                    dracunculosis-md
                    dracunculiasis-md
    dragon lady-gk
    dracunculus-Bz
    dragoon-ms
    Cryptodraco-p
dracone-gk
dragon-$ draconin-CH
Draconid-as draconite-gk
sangdragon-Bb dracontic-as
to tickle the dragon-v
                        dragon-boat racing-sp
                                    Arthur Pendragon-LE
                                    pen-dragon-my
                                    Dracaena draco-Bb
                                    The Dragon of
                                    Wantley-LE
                                    snapdragon-Bb flapdragon-Bb
                    Draco, draconis - dragon, snake, serpent {drag}
                            Drakon, drakontos (Gr.) - dragon {dracon, diracont, drag}
'Via dracunculus, little dragon;' 'dragons' were once thought to rankle, or persistently irritate nearby towns
and villages. }\mp@subsup{}{}{2}\mathrm{ One is dragooned, as it were, under the malicious and coercive influence of a 'dragon.'
```

| drama club | drama |
| :---: | :---: |
| dramatically | dramatic |
| dramatist | dramatize | dramatic irony-LE

Drama, dramatis - play, drama Drastos (Gr.) - to be performed, to be done


[^56]

## Duco, ducere, duxi, ductum - to lead \{du\} Dux, ducis-leader \{duch, duk\} Educo, educare, educavi, educatum - to bring up, lead forth \{edu\}

[^57]


Duro, durare, duravi, duratum - to make hard, continue in existence, hold out, survive
Durus - hard, harsh \{dour\}

## $\mathfrak{C}:$ ILatin



```
    edible
    edibility
        inedible
        inedibility
        obese
            obesity
        esculent escarole-gs/Bb
esurient edacious-gk semese
        inesculent comedo-gk/md
                                comestible
        edibleness
                            obeseness
```

Edo, edere, edi, esum - to eat

${ }^{1}$ The prefix of sobrius is probably se, 'without, apart;' hence se-ebrius, 'without intoxication.'
elementary school elemental
periodic table of the elements elementary
element

The Elements of Theology-Ф The Elements-M
elemental (n.)-gk/my
element-CH/PH
elements-mt/r
transition element-CH
rare-earth element-CH

## Elementum - component, particle, rudiment, beginning



Emo, emere, emi, emptum - to buy, take, gain
Exemplum - example, aught taken out \{exampl, sampl\}
Praemium - reward, prize, payment for service \{premi\}
Promptus-taken out, ready
Redimo, redimere, redemi, redemptum - repurchase, buy back \{ransom, redeem\}

[^58]

## Eo, ire, ii, itum - to go, pass

Ambio, ambire, ambii, ambitum - to go round, canvass, surround
Comes, comitis - companion, one who 'goes' with another \{count, con $\left.{ }^{2}\right\}$
Exeo, exire, exii, exitum - to go out, leave \{issu\}
Initium-beginning, entrance $\left\{\mathrm{enc}^{3}\right\}$
Iter, itineris-journey, a 'going' somewhere
Obeo, obire, obii, obitum - to go over, meet one's death, pass away
Pereo, perire, perii, peritum - to die, vanish, come to an end \{perish\}
Subito - suddenly, entered upon at little to no forewarning \{sudden\}
Transeo, transire, transii, transitum - to go across, go over \{tranc\}
${ }^{1}$ If one shows ambition, one likes fervently to 'go around' seeking a goal (originally referring to votes); burning the candle at 'both' ends, causing it to 'go' out quickly, would be a nice metaphor for ambition. ${ }^{2}$ In 'constable.' ${ }^{3}$ In 'commence' and forms thereof.


Erro, errare, erravi, erratum - to wander, make a mistake

effect effete
effluvium
effrontery
effervescent
efface
effusive
emunctory-md
efferent-an ineluctable emanate
emigrate exclusory extricate extort exhort
expiration
extenuating exude exact (adj.) exact (v.) expensive exhilarated emaciated exuviate-Bz

Ex-out of, from, thoroughly


Experior, experiri, expertus sum - to try, test, attempt
Periculum - experience, danger, attempt \{peril\}
Peiran (Gr.) - to attempt, attack \{pir\}

| $\begin{array}{cc} & \text { strange quark-PH } \\ \text { externally } & \text { strange particle-PH }\end{array}$ |  |  |
| :---: | :---: | :---: |
| extraordinary |  | strangeness-PH |
| extraordinarily |  | ELF-s |
| extra | extrinsically | EHF-s |
| exterior | extrinsic | extrasensory-gk |
| external |  | ESP-gk |
| externalize | extrovert extraneous | in extremis-fl |
| extreme |  | extrachromosomal-BCM |
| strangely | extremity estrange | extrados-at |
| strange ext | extraneousness estranged | extragalactic-as |
| stranger | extraneously estra | angement extranet-CS |
| extravagant ex | extraordinaire | extraocular muscle-an |
| extravagance | extravaganza | extreme unction-r |
| extravagantly | $y$ extremist | extrorse-Bb |
| extracurricular | extremism | extrinsic factor-BCM |
| extraterrestrial | ial extroversion | extrapose-gr |
| extramural | extroverted extr | ramitochondrial-BCM |
| extremely | ely extrapolate ext | tranuclear-PH |
|  | extremeness extrapolation |  |
|  | strangest extravert |  |
|  | strangeness |  |
|  | Extra - beyond, outside \{extr, | extro-\} |
|  | Exter- outward \{strang\} |  |
|  | Extremus - end, edge, uttern | most |


|  | $\begin{aligned} & \text { forge (n.) } \\ & \text { forge (v.) } \end{aligned}$ |  |
| :---: | :---: | :---: |
| forged forger |  | affabrous fabrile |
| forgery |  | fabricant-gk |
| fabric | fabricated | Valley Forge-h |
|  | fabric softener | fabricate |
|  | fabrication |  |
|  | fabricator |  |
|  | fabricable |  |

Fabrica - art, craft, workshop \{forg\}
Faber, fabri - smith, artisan, workman


$$
\text { Facies - face, surface \{fac, fic }\}
$$





## Facio, facere, feci, factum - to make,

build, create, do, accomplish \{fash, feas, feat, fect, feit, fi, fic, fit, -fy\}
Afficio, afficere, affeci, affectum - to influence, be strongly moved, act on Conficio, conficere, confeci, confectum - to make, prepare food, perform \{comfit\}
Deficio, deficio, defeci, defectum - to fail, be lacking, falter, revolt Efficio, efficere, effeci, effectum - to bring about, accomplish, produce

Facilis - easy, easily worked, easily accomplished \{ficul\}
Inficio, inficere, infeci, infectum - to poison, corrupt, make an engrained stain Officium - duty \{offic\}
Proficio, proficere, profeci, profectum - to make headway, make progress, advance, be successful \{profit\}
Sufficio, sufficere, suffeci, suffectum - to supply, furnish, be adequate, substitute
${ }^{1}$ Italian for 'offices;' from the Palazzo degli Uffizi, magnificent governmental 'offices' created by Vasari which today are used as a truly magnificent art gallery, containing, et al., the masterpieces of Botticelli.

FMS-PS


Fallo, fallere, fefelli, falsum - to trick, deceive, be in error \{fail, fault\}

| fame | infamous | famigerate |
| :---: | :---: | :---: |
| famous | infamy | famicide |
| famed | defamation House of Fame-LE |  |
| famousness | defamatory Famam Librosque Cano-LE |  |
|  | famously defame |  |
|  | defamed infamously |  |
|  | infamousness |  |

## Fama-reputation, rumor, report

family (adj.)
familiar
unfamiliar
familiarity
unfamiliarity family (n.)
family room
familial
familiarly
family man-gk familiar spirit-gk family practice-md family medicine-md family-B/lg/M/CH
family leave-gk family planning-gk
family tree-gk
familiarization familism-so
family doctor paterfamilias-h
The Swiss Family Robinson

## Familia ${ }^{2}$ - household, personal group

${ }^{1}$ A faucet does not indicate the 'true' flow of water in the pipe, but rather regulates the flow by how much the valve is opened, thereby 'deceiving' the user as to its actual flow rate. ${ }^{2}$ Note that the last ' $i$ ' of a Latin noun stem is often changed to a 'y' in English, e.g. famili- to 'family.'
farrago ${ }^{1}$

> farina-gs/ag confarreated
> farraginous farinaceous-gk/gs
> farine-Bb/gs/ag
> farinha-Bb/gs/ag
> farinogram-gs
> farinograph-gs farinose-B/gk confarreatio-h diffarreatio-h

Far, farris - grain
Farina - meal, flour

|  | fascism |
| :---: | :---: |
| fascist | fasces $^{2}-\mathrm{h}$ |
| fascistic | fascicular-gk |
|  | fascicular cambium- Bb |
|  | fasciculus-an |

fascicled-gk
fascicle-gk
Fascisti-h
neofascism-ps fascitis-md
plantar fascitis-md
plantar fasciitis-md
fasciitis-md
fascistoid-gk
necrotizing fasciitis-md

## Fascis-bundle ${ }^{2}$, rod of power, magistrate Fascia-band ${ }^{3}$, sheet-like surface

confess<br>confession<br>confessedly fess up-v<br>confessor Confessions-LE<br>professor profess<br>professorial<br>professed<br>professional<br>professionalism<br>unprofessional professionally confessional-r<br>unprofessionally<br>professionalize<br>professionalization professorship

Fateor, fateri, fassus sum - to confess, admit, acknowledge \{fess\}
Profiteor, profiteri, professus sum - to declare openly, offer freely
${ }^{1}$ A farrago is etymologically a mixture of different types of 'grain,' extended metaphorically to 'assortment.'
${ }^{2}$ A fasces was a 'bundle' of sticks tied together with an axe-head at the top, which symbolized the power of Roman kings. ${ }^{3}$ One can think of a band of tissue as a flat 'bundle.'

| fatiguing |  | fatigue (n.) |
| :---: | :---: | :---: |
|  | indefatigable fatigued | fatigues-ms indefatigably fatigable |
|  | fatigue (v.) | indefatigableness |
|  |  | fatigueless |

Fatigo, fatigare, fatigavi, fatigatum - to weary, tire

| ignis faturs-fl <br> fade-out-f <br> fade-in-f |  |
| :---: | :---: |
| infatuate <br> infatuated <br> infatuation <br> infatuating fatuousness <br> fade <br> faded <br> fading <br> fadeless <br> fadeaway |  |

Fatuus - foolish, silly, insipid \{fad\}
favor (n.)
favor (v.)
favors
favorer
favoringly
favorite $\quad$ disfavoring Faust-LE/gk
favorable faver $\quad$ disfavor favorite son-ps/gk
favorably $\quad$ disfavored Faust-LE
unfavorable favoritism
unfavorably favored (adj.)
in favor of
favorableness
unfavorableness

Faveo, favere, favi, fautum - to be well-disposed towards, support, favor

[^59]

## Felix, felicis-happy, lucky




${ }^{1}$ When one suffers, one 'carries under' herself a heavy burden. ${ }^{2}$ A relative is etymologically one who can be 'traced back' or 'carried back' to the same extended family. ${ }^{3}$ A difference is etymologically something that is 'carried apart' or 'separate' from something else. ${ }^{4}$ People are 'brought together' during a conference. ${ }^{5} \mathrm{~A}$ fertile tree 'bears' much fruit. ${ }^{6} \mathrm{~A}$ sport that is preferable to another is 'brought before' it. ${ }^{7}$ Latin for 'to be brought back,' that is, before the people for a vote. ${ }^{8}$ When Edith Grossman so brilliantly and wonderfully translated Don Quixote, she etymologically 'carried' the Spanish of Cervantes 'across' into English.

```
            elate
                elated }\mp@subsup{}{}{1
                elation
    dilatory
        interrelated
            interrelate
            proliferation
                somniferous
                correlative
                    Porifera-Bz
            differential diamantiferous-gk
                conifer }\mp@subsup{}{}{2}\mathrm{ dapifer-gk
                coniferous illation-gk/r
                    superlative adjective delate-gk
            superlative adverb fatiferous-gk
            relative clause tralatitious-gk
        relative pronoun scutiferous-Bz/ms
                    tRNA-BCM
                    laboriferous-gk
                transfer RNA-BCM
                    The Indifferent-LE
                EPR correlation-PH
            epistemological relativism-\Phi
    transferase-BCM veneniferous
relative humidity-mt fluctiferous
                differential equation-M ramiferous
differential calculus-M roriferous
                    ablative absolute-gr
elative-gr
                relator-1
                    transferor-1
            indifferentism-r
                            mammiferous-Bz
                                    poriferous-gk
                                    preferred stock-$
                                    prolate-M
                                succiferous
```


# Fero, ferre, tuli, latum - to carry, bring, bear 

Differo, differre, distuli, dilatum - to carry away, separate, keep waiting, disagree
Refero, referre, retuli, relatum - to bring back, return, tell of, trace back

```
                                    farrier-gk
                            ferrous-CH
                            ferritin-md ferruminate
                    Fe ferric-CH
            ferrite-mt
            ferriferous-gk
            ferromagnetic-CH
    ferromanganese-mt ferromagnetism-CH
            ferredoxin-Bb chemin de fer-sp
            fer-de-lance-Bz ferrosilicon-mt
        ferruginous-gk ferroconcrete-at transferrin-md/BCM
                        ferric chloride-md
                    ferrous sulfate-md
                        ferric ammonium citrate-md
```

$$
\text { Ferrum - iron }\{\text { ferri-, ferro- }\}
$$

${ }^{1}$ The Italians were so elated by their victory over France in the World Cup that they were 'brought out of their everyday state into one of 'great happiness and jubilation.' ${ }^{2}$ A conifer is a 'cone-bearing' tree.

| ferocity |  | ferine-gk |
| :---: | :---: | :---: |
| ferocious $^{1}$ | feral |  |
|  | ferociousness |  |
| ferociously |  |  |
| fierce |  |  |
| fiercest |  |  |
| fiercer |  |  |
| fierceness |  |  |
| fiercely |  |  |

## Ferus - wild, savage, cruel \{fierc\}

| fervent fervently | ```fervid perfervid fervor fervency``` | defervescence-md refervescence comfrey-Bb |
| :---: | :---: | :---: |
|  |  | ment |
|  |  | ented |
|  | ferme | ntation |
|  | efferv | escent |
|  | effer | escence |
|  | eff | esce |

## Ferveo, fervere, fervui - to boil, be hot Fermentum - yeast



# Festum - a feast, merrymaking, holiday \{feast\} Feriae - holidays \{fair\} <br> Fanum-temple 

[^60]

Figo, figere, fixi, fixum/fixtum - to fasten, nail, secure, attach, pierce, stare at Fibula-clasp
filial fils-fl
$\operatorname{affiliate}^{1}(\mathrm{v}$.
Fitz-gk
affiliated
affiliation filiate-1
affiliate (n.) filiation-1/gk/lg
filiopietistic-gk
Dumas fils-LE
grandfilial-gk
hidalgo-gk/fl
Ella Fitzgerald-mu
Edward Fitzgerald-LE
F. Scott Fitzgerald-LE

## Filia-daughter <br> Filius-son

file ${ }^{2}$ (n.)


## Filum - thread, string \{fill\}

[^61]fission \begin{tabular}{c}

fissure | vent-fs |
| :---: |
| fissile |
| fissuration-gk |
| Fissilinguia-Bz | <br>

fissile-PH/g <br>
fission-B <br>
fissiparous-B/gk <br>
fissipalmate-Bz <br>
fissiped-Bz <br>
fissive-B <br>
fissuriform-gk <br>
nuclear fission-PH
\end{tabular}

## Findo, findere, fidi, fissum - to cleave, split



Fingo, fingere, finxi, fictum - to pretend, invent, forge, shape \{faint, feign, feint, fig\}<br>Figura-form, shape

[^62]

## Finis - end, boundary, limit

Finio, finire, finivi, finitum - to end, count, form a boundary, complete

[^63]

## Firmus - strong, stable, immovable \{farm\}

|  |  |
| :---: | :---: |
| fiscal | fisc-\$ |
| fiscally | fiscality- $\$$ |
| confiscated year-\$ |  |
| confiscate (adj.) | fiscal drag-\$ |
| confiscation |  |
| confiscatory | fiscal court-1 |

## Fiscus - purse, treasury

| flagrant $^{2}$ |  |
| :---: | :---: |
| flagrantly conflagrant | flagration |
| flagrancy | flamen-h/r |
| flagrance | flagrante delicto-fl |
| flagrantness | deflagrate-gk |
| conflagration | archflamen-h/r |
| in flagrante delicto-fl |  |

## Flagro, flagrare, flagravi, flagratum - to burn <br> Flamen - priest, burner of sacrifices




## Flecto, flectere, flexi, flexum - to bend

[^64]\[

\]

## Fleo, flere, flevi, fletum - to weep, bewail, lament

Flebilis - lamentable, doleful, pathetic \{feebl, foibl\}
conflict (n.)

| conflict of interest |
| :---: |
| afflicted |

afflict $\quad$| profligate $^{2}(\mathrm{n})$. |
| :---: |
| profligacy |
| profligate (adj.) |

afflictive
conflicting
conflicted
conflict (v.)
conflictive
inflict inflictive
inflicted infliction
Fligo, fligere, flixi, flictum - to strike down


Flo, flare, flavi, flatum - to blow, exhale, play a pipe \{flav\} Flabellum - fan (with which to cool oneself)

[^65]```
        fl. '-fl/h
        flor-oe
            Flora-my
                    flora-Bb/md
            floribunda-Bb
                                    florid inflorescence-Bb
florist flower (n.) flowering
flour }\mp@subsup{}{}{1
flower girl
        flowerpot
                floral
                    cauliflower
                flower (v.)
                flour tortilla
                cornflower floral tube-Bb
                    Florida Florence-ge
                    Floridian Florentine-gk
                    floriculture-ag
                    fleur-de-lis-Bb/he
                            floriated-gk/fs
                            florabundant-gk
                        florin-$
                            floristics-Bb
                            enfleurage-gk
                            floscule-Bb
                            flower child-v
                    florigen-Bb
                    flower bond-$
                    cirriflorous-Bb
                    floridean starch-Bb
                            The Flower-LE
                            Flos Lunae-LE
                    Flowering Judas-LE
                    Les Fleurs du Mal-LE
                    Floris and Blanchefleur-LE
                    Flower in the Crannied Wall-LE
```

    Flos, floris - flower, blossoming, zenith, best period of life \{fleur,
        flour, flower\}
    [^66]

## Fluo, fluere, fluxi, fluxum - to flow, stream, glide \{fluor-, fluoro-\} Fluctus - a wave, undulating movement <br> Fluvius-river, running water

${ }^{1}$ The $f l u$, short for influenza, was once thought to 'flow in' from the evil 'influence' of the stars. ${ }^{2}$ Light is emitted or 'flows' out from a fluorescent bulb. ${ }^{3}$ Wealth 'flows towards' an affluent person. ${ }^{4}$ The most reactive element is fluorine, which can therefore be thought of as 'flowing' eagerly towards other substances such as water, organic compounds, minerals, etc., to combine with them; fluorine is rarely found isolated. ${ }^{5} \mathrm{From}$ Greek phloios, 'bark,' by which food 'flows' through a plant; phloios is possibly a cognate of fluere.

|  |  |
| :---: | :---: |

## Focus ${ }^{3}$ - hearth, fireplace $\{$ fuel, fus\}



Folium - leaf \{foil, fol\}
${ }^{1}$ The curfew was the 'cover fire;' at curfew, all fires were extinguished, primarily for safety, hence everyone needed to be back home. ${ }^{2}$ Fuel is etymologically that which is burned in a 'hearth.' ${ }^{3}$ The focus in the Roman household was the most important and 'centrally-located' part of the Roman villa, used for heat, cooking, and light, hence a 'center' of activity. 'A portfolio is a 'case' that one 'carries' containing 'leaves' of paper used to supplement one's résumé. ${ }^{5}$ If one acts as a foil to another, one enhances ones' own qualities by comparison; jewelers used to place gems on 'foil,' or 'sheets of metal' to increase their brilliancy.

## FSH-BCM

| folly | fils-\$ <br> follicle-an/Bb |
| :---: | :---: |
| fool (n.) |  |
| follies |  |
| fool (v.) | folliculitis-md |
| follies-a/gk |  |
| fooled | folly literature-LE |
| foolish | Feast of Fools-h |
| foolishly | The Fool of Quality-LE |
| foolishness | fool's cap-gk |
| foolhardy $\quad$ foolscap-gk |  |
| foolery $\quad$ fool's gold-mn |  |
| fool's paradise-gk |  |
| foolhardiness |  |
| foolproof |  |
| tomfoolery |  |

Follis-bellows, inflated ball, windbag \{fool\}


For, fari, fatus sum - to speak, talk, say \{fac\}
Fatum - prophecy, the future, destiny, fate \{fair\}
Fabula - story, talk \{fab, fabl\}
Infans, infantis - baby, one that is not able to speak \{infanc\}
${ }^{1}$ A fatal accident is one that was etymologically 'foretold' by the 'Fates,' who were once thought to 'decree' all men's 'destinies.' ${ }^{2}$ A fairy is an 'enchanted' or magical being; most spells or 'enchantments' were 'spoken' or sung; see note 1, p. 45. ${ }^{3}$ Short for 'fible-fable,' a word meaning 'nonsense.' "Peter's new girlfriend was fey; Brynna seemed to be 'otherworldly,' as if 'fairy' blood ran through her veins.


## Forma-shape

[^67]```
                            comfort }\mp@subsup{}{}{1}\mathrm{ (v.) forcible
                            comfortable forte (n.)
                            comforting
                                    discomfort forcibly
                                    forte (adj.)-mu
                                    Fort Davis-ge
                uncomfortable fortify
                    reinforcer-PS
                        cold comfort-gk
        comfortably fortification
                fort fortitude
        comfortless fortitudinous
        comforter forced
    effort enforceable
    effortless unenforceable
force (n.)
                                reinforce
            fortress reinforceable
            uncomfortably reinforcement
                    enforce reinforcements fortis-lg
                enforcer fortifying comfort food-gk
                        enforcement refortification comfy-v
                    force (v.) forceful forced march-gk
                        comfort (n.) reinforce force-feed-gk
                        effortlessly reenforce field of force-PH
                        effortlessness reenforcement force-out-sp
                        pianoforte }\mp@subsup{}{}{2}\mathrm{ unforced forte (n.)-ms
                                    fortified wine-gs
                                    creature comforts-gk
                                    Fort Lauderdale-ge
                                    perforce-gk
                                    Fort Myers-ge
                                    Fort Worth
                                    Fort Knox
                                    forcible feeble-gk
```

                    Fortis - strong, vigorous, powerful \{forc\}
    

## Fortuna-luck, chance

 Fortuitus - happening by chance, accidental${ }^{1}$ When a mother comforts her son, she provides 'strength' for him, at last making him 'stronger.' ${ }^{2}$ The pianoforte (usually abbreviated 'piano') is the 'soft-loud' instrument because, unlike its predecessors, such as the harpsichord, whose volume was always the same, the pianoforte could be played as 'loud' or 'soft' as the pianist wanted.



```
Frango, frangere, fregi, fractum - to break, crush, mitigate \{frag \({ }^{5}\), frain, fray,
fring\}
Fragilis - easily breakable \{frail\}
```

[^68]

# Frendo, frendere, frendui, fresum - to grind Frenum - bridle ${ }^{1}$, check \{frain\} 

FM radio

frequent (adj.) | frequency modulation-s |
| :---: |
| frequently frequency frequent flier-gk |
| infrequent frequence freq.-gk |

infrequently frequent (v.) frequency-PH/M
frequented frequency distribution-M
frequenting frequentative-lg
frequentation frequent-flier-gk
frequenter FAQ-CS
frequentness
infrequency
infrequence

Frequens, frequentis - crowded, repeated, constant \{frequenc $\left.{ }^{2}\right\}$
${ }^{1} \mathrm{~A}$ horse's teeth 'grind' on its bridle. ${ }^{2}$ Another example of ' t ' shifting to ' c .'

```
                        frigidly frisson }\mp@subsup{}{}{1
                            refrigerator frigid frigorific-gk
refrigerate frigidity North Frigid Zone-ge
    refrigeration South Frigid Zone-ge
fridge frigidarium-h
                                    frigorimeter-s
                    refrigerant-gk/md
```


## Frigeo, frigere - to be cold

| frontal front (n.) | front (v.) | affrontee-he |
| :---: | :---: | :---: |
| frontier $^{2}$ | confront |  |

${ }^{1}$ The semantic progression was from being 'cold' which causes 'shaking' which evolved into a 'shudder' of excitement. ${ }^{2}$ The last great frontier, or undiscovered 'foremost place,' is said to be outer space, so very little of which humankind has explored, much less settled.

| fruitless |  |  |
| :---: | :---: | :---: |
| fruitfulness |  | fructose-CH/md |
| fruitfully frut | frugal ${ }^{1}$ | usufructuary-1/gk |
|  | fruit cocktail frugality | frugivore-Bz |
| $\begin{aligned} & \text { fruity } \\ & \text { fruit (n.) } \end{aligned}$ | y fruition | fruitarian-gk |
|  | fructuous | tutti-frutti-gs |
| fruits | fructify | fructiferous-Bb |
|  |  | fructification- Bb |
| fruit (v.) |  | fruitage-ag/gk |
| fruitlessness |  | fruitcake-v |
| fruitlessly |  | it fly-Bz |
| fruitcake fruit bat-Bz |  |  |
| grapefruit fruitlet- Bb |  |  |
| unfruitful fructokinase-BCM |  |  |
| frut |  |  |
| passion fruit-gs/ |  |  |

# Fruor, frui, fructus sum - to bear fruit, enjoy, profit by \{fruit\} Fructus-fruit, enjoyment \{fruit\} Frugi-thrifty, honest, virtuous <br> Frux, frugis - fruit 

| refugeefugitive (adj.) |  | refuge | dolorifuge phrontifugic diffugient |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
| fugitive (n.) | ) fugue |  |  |
| subterfuge ${ }^{2}$ lucifugous- Bz fumifu |  |  |  |
|  | centrifugal | febri |  |
| nidifugous- Bz somnifugous |  |  |  |
| vermifuge-md transfuge |  |  |  |
| taeniafuge-md refuge (v.) |  |  |  |
| feverfew-md nucleofugal |  |  |  |
| fugue-mu/PS |  |  |  |
| centrifugal- $\mathrm{PH} / \mathrm{Bb}$ |  |  |  |
| fugue state-PS |  |  |  |
| refugium-B |  |  |  |
|  |  | fugaci |  |
| fugacity coefficient-CH |  |  |  |

## Fugio, fugere, fugi - to flee



Fulgeo, fulgere, fulsi - to shine, flash
Fulgur - lightning
Fulmen, fulminis - lightning that strikes
${ }^{1}$ The idea is that 'thriftiness' bears great financial 'fruit.' ${ }^{2}$ The Latin adverb subter means 'beneath.'
fumy


## Fumus - smoke

```
refuse ( n .)
    refuse (v.) foison-gk
        refusal effusion \({ }^{2}\) circumfuse-gk
        confuse \(^{1}\) effusive perfuse-gk
            confused profuse
                confusion profusely
                refund (v.) profusion
                found-gk/ml
                profusion foundry-ml
                    refund (n.) profuseness cold fusion-PH
            refundable suffuse confound print font-gk
                refunded infusion confounded \({ }^{3}\) fondant-gs
            confusing infuse effuse (v.) fondue-gs
                confusingly fuse (v.) transfuse Futility-LE
                    confusedly futile diffusion refusenik-gk
            funnel (n.) futility diffuse (v.) infundibulum-an
                    suffusive funnel (v.) fused sentence-gr
            suffusion
        infusible
        fusible
                    defuse
                    fusion \({ }^{4}\) diffuser-a/gk
                    futilely diffusion-PH
                    re-fuse effuse (adj.)-Bb
                            dumbfound affusion-gk/r
                    dumbfounded effusion-md
                    interfuse transfusion-md
                    effusiveness funnelform-Bb
                        effusively
                        suffused
```


# Fundo, fundere, fudi, fusum - to pour, pour out, melt, fuse, spread out \{found\} <br> Futilis - untrustworthy, pointless, of a leaky vessel ${ }^{5}$ 

[^69]```
                    fund (n.) founder2
            funding fundamental fundus-an
fund }\mp@subsup{}{}{1}\mathrm{ (v.) fundamentally fundament-an/gk
    funded profound }\mp@subsup{}{}{3}\mathrm{ fundamentalism-r
        fundraiser profundity fundamental-mu/PH
        fundraising foundation mutual fund-$
                    founder (n.) founder-vt
                            found 4 (v.) fundie-v
                                ill-founded De Profundis-LE
                                profoundly foundation garment-fs
                                unfounded
                            flounder (v.)
                                    floundering
                Fundus - bottom, depths, basis {found}
Fundamentum - underlying supporting structure, basis
```

| function (n.) <br> function (v.) <br> functioning <br> functional | defunct <br> perfunctory | defunctive <br> malfunction (v.) <br> malfunctioning | functionary |
| :---: | :---: | :---: | :---: | | functor-gr/gk |
| :---: |
| malfunction (n.) |

## Fungor, fungi, functus sum - to perform, complete, operate

funeral
funeral home funeral director funeral chapel
funereal funerary
funereally funeralize-gk A Funeral Elegy-LE A Grammarian's Funeral-LE funeral pie-gs funerous funest

Funus, funeris-funeral, burial

| ferret (n.) furtive <br> furtively | ferreted |
| :---: | :---: |
| furtiveness | ferret (v.) |

Fur-thief
Furittus - little thief $\{$ ferret $\}$
${ }^{1}$ When a philanthropist funds a charity, she provides a 'basis' of financial support. ${ }^{2}$ When the Titanic foundered, it sunk to the 'depths' of the sea. ${ }^{3}$ Cheryl's profound insight concerning how AIDS viruses mutate 'brought' a secret 'forth"' from the 'depths' that had heretofore eluded the best researchers. ${ }^{4}$ When Cadmus founded Thebes, he provided a 'basis' of support for it, or laid its 'bottom.' ${ }^{5}$ The notion is of a quick 'getting through' with a task.


## Furo, furere, furui - to rage, be mad, be furious

fustian
fustigate
confute fusty-gk
confutation fustian-fs fustilugs refute
refutation refutable
irrefutable irrefutably
Fustis-club
Confuto, confutare, confutavi, confutatum - to restrain, diminish, check
Refuto, refutare, refutavi, refutatum - to check, suppress, rebut

## (6): Zation



## Gaudeo, gaudere, gavisus sum - to rejoice, be glad \{jew, joic, joy\}



## Gelo, gelare, gelavi, gelatum - to freeze, turn to ice $\{j e l l\}$ Gelu-frost, ice, snow, cold

[^70]

Gens, gentis - clan, tribe, nation, people Gentilis - of one's tribe, house, or family \{gentl, jaunt\}

[^71]

# Gero, gerere, gessi, gestum - to bear, bring, carry, wear, achieve, perform \{jest\} <br> Agger-pile, items brought and heaped up in one area <br> Regero, regerere, regessi, regestum - to record, carry back \{regist, registr\} 

[^72]
${ }^{1}$ Since the generous prince is truly 'noble-minded,' he naturally wants to 'give freely.' ${ }^{2}$ Something of a general nature affects the whole 'type' or 'kind;' for instance, a general remedy for a headache is aspirin, which works for nearly all people. ${ }^{3} \mathrm{~A}$ generator 'gives birth' to energy. ${ }^{4}$ An engine is a 'clever device' that 'produces' motion by using energy. ${ }^{5} \mathrm{~A}$ genie is a 'spirit' that does one's bidding. ${ }^{6} \mathrm{~A}$ gene is a section of DNA that 'brings forth' physical characteristics, such as blue eyes or a big nose. ${ }^{7}$ The genuine truth is the 'honest' truth. ${ }^{8} \mathrm{An}$ animal indigenous to a region is 'born' and lives there; from the Latin indigena, a 'native.' ${ }^{9} \mathrm{An}$ ingénue is a 'babe in the woods' whose 'honesty' and 'guilelessness' are her primary character traits.

```
            Eugene }\mp@subsup{}{}{1}\mathrm{ hydrogen }\mp@subsup{}{}{2}\mathrm{ benign carcinogen hydrogenated-CH
homogeneity
    heterogeneity
                disingenuous
            ingenuous
                ingenuousness
                    heterogeneous apogeny-B/md
                        homogeneous kedogenous-gk/md
                                malign parthenogenesis-s/BCM
                                malignant ontogenetic-BCM
                                malignancy oxygen debt-sp
                                malignity agenesis-md
                                    genial nitrogenous-CH
                                    genially generatrix-M
                                    germinate anogenic-gk/s
                                    progeny genecology-B
                                    progenitor genethliacon-mu
                                    pregnant genitality-md
                                    O genotoxin-md
                                    genotype-BCM
                                    genius-LE/\Phi/a
                                    gender bender-v
                                    archegonium-Bb
                                    alienigenate-gk
                                    genre painting-a
                                    genetic code-BCM
                                    genetic disorder-md
                    genetic fingerprinting-gk
                    generative grammar-lg/gr
            generative semantics-lg
            spermatogonium-B
            psychogenesis-PS/gk
            syngenesis-B
            spermatogenetic-B
            anthropogeny-ap
            nomogenous-gk/l
                agnogenic-md
            digenesis-B
            dysgenics-gk
cacogenesis-md
geogenous-Bb
            glottogonic-lg
isoantigen-md
            genius-my
            oligogene-BCM
            tecnogonia-gk/md
                    phytogenesis-Bb
                    generalissimo-ms
                    general paresis-md omnigenous-gk
                    gonadotropin-md congenerous-gk/B/md
                    collagen-md/gk palingenesy-gk
                    genius loci-fl protogenes-B
                    general anesthesia-md
                    genital herpes simplex-md
```

${ }^{1}$ See note 1, p. 472. ${ }^{2}$ See note 3, p. 491.

> General Assembly-gk
> general court-martial-1
> tubal pregnancy-md
> ectopic pregnancy-md
> philoprogenitive-gk
> transgenesis-BCM
> The Genius-LE
> General Prologue-LE
> On the Genealogy of Morals- $\Phi$
> General of the Air Force-ms
> General of the Army-ms
> general theory of relativity-PH

# Gigno, gignere, genui, genitum - to bring 

forth, give birth, produce $\left\{\right.$ gen $\left.^{1}\right\}$
Generosus - of noble birth, noble-minded
Genius - innate quality, inborn talent, guardian spirit, festive spirit Gens, gentis ${ }^{2}$ - clan, tribe, nation, people
Gentilis - of one's tribe, house, or family \{gentl\}
Genus, generis - kind, type, class, birth, kin \{gender, genr\}
Germen, germinis - shoot, bud, embryo
Praegnas - expecting offspring \{pregn\}
Genesis (Gr.) - birth, beginning \{genet\}
Gonos (Gr.) - child, procreation, seed \{gono-, -gony\}
Genos, genea (Gr.) - race, family
-genes (Gr.) - born, produced \{-gene, -genous, -geny\}
Ingenium - inherent talent, clever device \{engin\}
Ingenus - honest, generous, free-born \{genu\}
glacier
verglas-gk
glacial glaciate-gk/g
glace-fs/gs
glacially-gk
glacis-ms/gk
Glacial epoch-g
interglacial-g
Glacier Bay-ge
glaciology-s
glaciarum-sp
glacier cataract-g glacial acetic acid-CH

Glacies - ice

```
            gladiator gladiate-Bb
            gladiatorial gladiola-Bb
        gladiola 
        gladiolus gladiator-sp
        Gladiolus-Bb
                                gladiolus-an
        The Gladiator-LE
                    Gladiator-f
                digladiation-sp
```


## Gladius - sword

```
Gladiator - swordsman, fighter for public entertainment
```



## Globus - sphere, somewhat spherical mass

| conglomerate (v.) | glomus-an <br> conglomerate-g |
| :---: | :---: | :---: |
| conglomeration <br> conglomerate (adj.) <br> conglomerated | agglomerate (v.) <br> agglomerate (adj.) <br> glomerate-gk <br> glomerule-Bb/an |
| glomerulus-an |  |

Glomus, glomeris - ball-shaped mass
Glomero, glomerare, glomeravi, glomeratum - to gather into a ball-shaped
mass, accumulate

```
                glory (n.)
            glorious vainglorious Gloriana-LE
        glory days inglorious
        gloriously glorify
gloriousness glorified
                glory (v.)
                glorification
    glorying
gloried
```

Gloria-honor, praise


Gluttio, gluttire, glutii, glutitum - to swallow, gulp down \{glut\}


## Gnosco, gnoscere, gnovi, gnotum - to get to know, find out

Cognosco, cognoscere, cognovi, cognitum - to learn, know \{conn, quaint\} Ignoro, ignorare, ignoravi, ignoratum - to not know
Nobilis - known, well known, famous, noble \{nobl\}
Gignoskein (Gr.) - to know, think, judge \{gnost\}
Gnosis (Gr.) - knowledge, inquiry \{gnos\}
Gnomon (Gr.) - judge, interpreter
${ }^{1}$ When a person recognizes another, he 'gets to know' her 'again' (since he has presumably met her before). ${ }^{2}$ The adjective quaint can mean 'cunningly made' by someone who has 'learned' a skill, but has also evolved into meaning 'strange' and 'odd' in an old-fashioned sort of way. ${ }^{3} \mathrm{~A}$ gnomic expression is thought to be a skillful 'interpretation' of a general truth.


Gradior, gradi, gressus sum - step, move $\{$ gred $\}$ Gradus - step, degree \{gree\}

[^73]

## Grandis - great, old, grown up, lofty, powerful \{gran\}



Granum - grain, seed \{garn, grain, gren\}
${ }^{1}$ The shape of an original grenade looked strikingly like a 'pomegranate,' from which fruit it derived its name. A pomegranate, in turn, looks like an 'apple' with a lot of 'seeds' in it. ${ }^{2}$ An obscure origin, but one can think of 'grains' of salt or pepper that season gravy to approach the essence of the etymology. ${ }^{3}$ Granite is a type of igneous rock in which 'grains' of quartz and mica are imbedded. ${ }^{4}$ When a teacher ingrains knowledge into her students, she is metaphorically planting 'seeds in' the fertile fields of their minds. ${ }^{5}$ To garner knowledge is to 'gather' it, like gathering 'seeds' for planting. Letters can sometimes switch places when moving from one language to another, a process called 'metathesis.' Note the metathesis here, or switching of the 'a' and ' $r$ ' from granum to garner.

```
                    gratify
                    gratification
                    gratifying
                    gratified
                            gratitude
                            ingratitude
grace (n.)
                    gratuity
                    gratis
                graceful }\mp@subsup{}{}{3}\mathrm{ ingrate
                        gracefulness
gratefulness disgrace (n.)
    ungrateful disgraceful
            gratefully
                    disgrace (v.)
ungratefully
                                    disgracefulness
                    ungratefulness
                    congratulate }\mp@subsup{}{}{1
                    congratulations
                    congratulated
                    congratulatory
                            congrats graciously
                                ungracious
                            agree ungraciously
                            agreeable }\mp@subsup{}{}{2}\mathrm{ gracefully
                            agreed ungracefully
                    disagree ingratiate
                    disagreeable ingratiating
                            agreement gratuitous
                    disagreement gratuitousness
                        disagreeably
                        agreeably
                            congratulation
```


# Gratus - pleasing, beloved, dear, thankful, welcome \{grac, gree\} Gratuitus - free of charge, unprovoked, voluntary 

[^74]

## Gravis-heavy, serious, burdened, pregnant \{grief, griev\}



Grex, gregis-flock

[^75]

Guberno, gubernare, gubernavi, gubernatum - to steer a ship, govern \{govern\}


# Gusto, gustare, gustavi, gustatum - to taste <br> Gustus - taste 

[^76]```
                        gout-md
                    gouty-md
                    gutté-he
                            guttatim-fl
gutter (n.)
            gutter (v.)-gk guttate-gk
                guttation-Bb
                guttersnipe-gk/Bz
                gutta opaca-md
                gutta rosacea-md
                gutta serena-md
                gutter (adj.)-gk
                gutter ball-sp
                        Gutta - drop {gout}
guttural guttle
                    gutturalize-lg gutturine
                        guttur-Bz
        gutturonasal-lg
        gutturalism-gk
        gutturomaxillary-an
        gutturolabial-lg
```


## Guttur - gullet, throat, appetite

## 酮: 3natim



# Habeo, habere, habui, habitum - to have, hold, handle \{hibit\} <br> Habilis ${ }^{5}$ - handy \{abil, abl\} <br> Habito, habitare, habitavi, habitatum - to dwell <br> Prohibeo, prohibere, prohibui, prohibitum - to keep from, hold apart, hold forth 

[^77]

# Haereo, haerere, haesi, haesum - to stick, cling, hold fast \{her, hes\} Haesito, haesitare, haesitavi, haesitatum - to be stuck \{hesit, hesitat\} 

| exhale <br> exhaled |  |
| :---: | :---: |
| exhaling | exhalant-Bz |
| exhalation | exhalent-Bz |
| inhale | inhalant-md |
| inhaled | inhalator-md |
| inhaling | inhaler-gk $/ \mathrm{md}$ |
| inhalation | halitosis-gk $/ \mathrm{md}$ |
|  | exhalant <br> exhalent |

Halo, halare, halavi, halatum - to breathe

[^78]

Herba - plant, grass

|  | heir heiress heirloom inheritor |
| :---: | :---: |
| inherit | heritor-gk |
| inheritance | heredity heir apparent-1 |
| inherited | hereditary ${ }^{1}$ heir presumptive-1 |
| inheritable heritage | heritable hereditament-1 |
| disinherit | coheir heredipety-gk exheredate |
| disinheritance | coheiress Heritage-LE |
|  | heritance tax-\$ |
|  | reditarianism-gk |
|  | eritage trail-gk |
|  | heritability-B |
|  | ritage center-gk |
|  | tage tourism-gk |

Heres, heredis - successor, one who receives goods via a will \{heir, herit\}


## Hilaris - cheerful, merry

${ }^{1}$ Since big noses were hereditary in Franklin's family, the son of Franklin Sr., Franklin Jr., was the maybe not so grateful 'receiver' of a capacious snozz too. ${ }^{2}$ Kate's exhilarating dive off a 200 foot cliff left her light-hearted and 'cheerfully' energetic; note that the prefix ex-is used here as an intensive.

homicide bonhomie ${ }^{2}$ ombre-sp Homo sapiens-ap/Bz homicidal homo-ap/Bz homunculus-gk homage ${ }^{1}$ Homo erectus-ap/Bz hominist<br>Hominidae- Bz abhominalty<br>Hominoidea-Bz<br>hominoid-Bz<br>hominid-Bz<br>ecce homo-r/a<br>hominine- Bz Homo habilis-a/Bz hominiform<br>hominivorous-Bz<br>ad hominem-fl<br>hominization-B<br>hombre-fl<br>Homo faber-fl<br>De Homine- $\Phi$<br>Ecce Homo-Ф<br>homo ludens-LE<br>L'homme machine-Ф<br>Homage to Catalonia-LE<br>Homage to Sextus Propertius-LE<br>Homage to Mistress Bradstreet-LE

## Homo, hominis - human being, man




# Horreo, horrere, horrui - to tremble, dread, shudder, bristle ${ }^{\mathbf{2}}\{$ hor $\}$ Hirsutus - rough, hairy, shaggy 

hortative-gk<br>exhort hortatory subjunctive-gr exhortation hortatory adhortative-gr dehort exhortative adhort hortation

Hortor, hortari, hortatus sum - to urge, encourage


[^79]HTLV-III-md<br>humankind HTLV-I-md<br>humanly<br>human (n.)<br>human (adj.)<br>human being human nature human rights humanitarian human nature human rights humanitarian<br>humane HPV-md humanely humanoid-gk humaneness humanities-gk inhumane HCG-BCM secular humanism-gk<br>humanitarianism humanism-LE/Ф/a<br>inhuman prud'homme-h superhuman HIV-2-md humanization HIV-1-md humanize humanism-md/gk<br>inhumanity Humanism-a/LE/h<br>humanist human resources-gk human ecology-s Of Human Freedom- $\Phi$ Of Human Bondage-LE Comédie Humaine-LE<br>The Human Abstract-LE<br>Human, all too Human- $\Phi$<br>Treatise of Human Nature-Ф<br>A Treatise of Human Nature- $\Phi$<br>An Enquiry Concerning Human Understanding- $\Phi$

## Humanus - pertaining to man, kind, refined



[^80]| humble (adj.) | exhume |  |
| :---: | :---: | :---: |
| humbleness humble (v.) | exhumation humic-gk |  |
| humbly | humility |  |
| humiliate | inhumes-gk |  |
| humiliation inhumation | A Humble Romance-LE |  |
| humiliated | humification-gk |  |
| humbling | humified-gk |  |
| posthumous ${ }^{1}$ omerta-gk |  |  |
| posthumously transhumance-ag |  |  |
| humicubation-gk/r |  |  |
| Valley of Humiliation-LE |  |  |

Humus - the ground, earth
Humilis-low, lowly \{humbl\}

## IJ: Zatín



[^81]> projective test-PS injection molding-gk tissue rejection-md subjective idealism- $\Phi$ projective geometry-M weak objectivity-PH/ $\Phi$ strong objectivity-PH/ $\Phi$ objective complememet-gr Creutzfeldt-Jakob disease-md

## Iacio, iacere, ieci, iactum - to throw, cast, propel through the air, send forth $\left\{\right.$ ject $^{1}$, jet, jut\}

Iaceo, iacere, iacui - to lie down, be situated \{jac, gist\}
Adiaceo, adiacere, adiacui - to lie near, to neighbor, to be near at hand \{adjac, ais, eas\}
Iaculum - javelin, missile \{jacul\}
Proicio, proicere, proieci, proiectum - to throw forth, fling forward \{project\}
Obicio, obicere, obieci, obiectum - to throw before or in the way of, set against \{object\}
Subicio, subicere, subieci, subiectum - to put under the yoke of, treat of under, throw from below \{subject\}


${ }^{1}$ Note that the Latin letter ' i ' changed to a ' j ' before a vowel in English derivatives, primarily for ease of pronunciation. ${ }^{2}$ The Roman god Janus had one head but two faces, one that looked ahead, and one that looked behind; he was god of 'doorways' because he could look both 'in' and 'out' at the same time, and had the month January named after him because it was the 'end' of the old year and the beginning of the 'new.' ${ }^{3} \mathrm{~A}$ janitor was originally a 'door-keeper.'

${ }^{1}$ A contraction of the Latin ad arma illa, via Italian all' arme, 'to those weapons!' or 'to arms!' ${ }^{2}$ Ultimately from an Italian phrase meaning 'at the watch tower' where guards were 'on the alert.' ${ }^{3} \mathrm{~A}$ combination of $a d$ and a form of ille, illa, illud.



```
                                    index case-md
                                    index fossil-p
            index (v.)
        index (n.) indication indicial
index finger indicate
            indexed indicative (adj.) contraindicate
                indicator contraindication index verborum-fl
                                index fund-$
                        indexical-lg
                            contraindication-md
                            refractive index-PH
                            index expurgatorius-r
                                    consumer price index-$
                            index librorum prohibitorum-r
                index of leading economic indicators-$
                    Index, indicis - one who shows or reveals, forefinger
```

```
                            inferiority
```

                            inferiority
                            inferior infrared-PH
                            inferior infrared-PH
            inferno infraclass-B infra-angelic
            inferno infraclass-B infra-angelic
                infernal Inferno-LE infra dig-fl
                infernal Inferno-LE infra dig-fl
            infernally infrasonic-s/PH
            infernally infrasonic-s/PH
                        infrastructure infrahuman-gk
                        infrastructure infrahuman-gk
                        infrastructural infracostal-an
                        infrastructural infracostal-an
                            infernal inframaxillary-an
                            infernal inframaxillary-an
                            infernally infrapatellar-an infrapapillary-an
                            infernally infrapatellar-an infrapapillary-an
                            inframontane-g infragenual-an
                            inframontane-g infragenual-an
                            infrahyoid-an inframammary-an
                            infrahyoid-an inframammary-an
                infraclavicle-Bz infraspinatus-an
                infraclavicle-Bz infraspinatus-an
                    Infralapsarian-r
                    Infralapsarian-r
                        infratemporal fossa-an
                        infratemporal fossa-an
                    Infra - below
                    Inferus - underneath, lower, below
                        Infernus - hell, the Underworld
    ```


Instauro, instaurare, instauravi, instauratum - to renew, repeat, restore \{stor\} Restauro, restaurare, restauravi, restauratum - to restore, rebuild \{restor\}
```

                    isolato-gk
                            enisle-gk
                            isolate (n.)-B/lg/gk
                            isle insulae-gk
    ```

                                    Insula - island \{isl, isol\}
                                    ISDN-s
                                    entire (n.)-gk/ag
            integral (adj.) integrand-M
                integrity integral (n.)-gk/M
            integer \({ }^{2}\) integration
        entire (adj.) integrate
entirely
    disintegrate
        integrationist-so
                                    ab integro-fl
                                    disintegration ENIAC-CS
                entirety integral calculus-M
                        integrated integrable-M
                        integrodifferential-M
                        integrated circuit-s

\section*{Integer, integra, integrum - whole, entire, untouched \{entir\}}

\({ }^{1}\) When Rowyn shows interest in dinosaurs and dragons, his mind wants to 'be among' them. \({ }^{2}\) Ultimately from Latin deintus, 'from within.'

uninvited uninvite
\begin{tabular}{lccc} 
invite & & vie \(^{3}\) & An Invite to Eternity-LE \\
invited & & vying & Inviting a Friend to Supper-LE \\
& invitation & inviting (adj.) & invitational-sp \\
& reinvite & invitingly & invitatory-mu/r
\end{tabular}

Invito, invitare, invitavi, invitatum - to invite, entice, incite

\author{
joke (n.) \\ jeopardy \({ }^{5}\) joco \\ joke (v.) \\ jeopardize \\ joking \\ jocoserious-gk \\ joker \\ jokingly Jeopardy!-sp jokester \\ jocular jugglery-gk \\ joking jocularity jokey-gk \\ juggle \\ jocose jewelfish-Bz juggler \({ }^{4}\) \\ jeu d'esprit-fl \\ jocosity jeu parti-LE \\ jeu de mots-fl \\ jeu de regle-sp \\ Jocoseria-LE \\ bejeweled-gk \\ \section*{Iocus-a jest, joke, child's play \{jeo, joc, jok \} Ioculus - little joke \{jocul, juggl\}} \\ \({ }^{1}\) The entrée was once served before the main dish, as an 'introduction' to it; now it refers to the main dish. \({ }^{2}\) The intrinsic value of anything is its 'inner' value, usually subjective, that does not depend on outer market forces, that is, an item that is worthless on the market can have infinite intrinsic value to an individual. For example, I have an old pipe wrench of my father's that is maybe worth a few dollars, but I wouldn't part with it for one million as it has much sentimental value for me alone; also see note 2 , p. 341 . \({ }^{3}\) To vie for a prize is to 'invite' competition as one contends for it. \({ }^{4} \mathrm{~A}\) juggler used to be a 'jester,' or a court entertainer/joke teller, who would also 'juggle' for the court. \({ }^{5}\) Since Aaron was in jeopardy of losing his slinky via Alec's vile villainy, he etymologically had a jeu parti, or 'divided play' (i.e. equal chance) of counteracting the pernicious plot.
}
\(\left.\begin{array}{ccc}\begin{array}{c}\text { ireful } \\ \text { irefully }\end{array} & \text { ire } & \begin{array}{c}\text { iracundious } \\ \text { irascid }\end{array} \\ & \begin{array}{c}\text { irate } \\ \text { irately }\end{array} & \begin{array}{c}\text { iracund-gk } \\ \text { irateness }\end{array} \\ & \begin{array}{c}\text { irascent-gk } \\ \text { irascibility } \\ \text { irascibly }\end{array} \\ \text { Ira-anger } \\ \text { Iratus - angry }\end{array}\right]\)
\begin{tabular}{ccc} 
& \begin{tabular}{c} 
irritate \\
irritation \\
irritated
\end{tabular} & \\
irritating & irritable & irritant \\
irritability \(\quad\) Irritator-p
\end{tabular}\(\quad\) irritability-md

Irrito, irritare, irritavi, irritatum - to provoke, annoy, excite, aggravate
reiterate
reiteration iterant
reiterative iterate
reiterant iteration-CS/M
iterative iterative-gr iterable
iterated integral-M reiterately
Iterum - again
\begin{tabular}{ccc}
\begin{tabular}{c} 
jubilation \\
jubilant \\
jubilance
\end{tabular} & Jubilate-r/mu & jubilate
\end{tabular} \begin{tabular}{l} 
Jubilate Agno-LE \\
jubilee-gk
\end{tabular}

Iubilo, iubilare, iubilare, iubilatum - to raise a shout of joy, let out whoops \{jubil, jubilat\}
```

            judicial judicatory-1
            judiciary judgmatic-gk
                adjudicate
    judge (n.) adjudicator
judgment adjudication
prejudge adjudge judicature Judges-r prejudicative
prejudge adjudge judicature Judges-r prejudicative
prejudgment injudicious Pride and Prejudice-LE
judge (v.) prejudicial The Judgment of Paris-LE
judging judgmental Judgment of Paris-my
misjudge prejudicious The Last Judgment-r
misjudgment judicious Last Judgment-a
unprejudiced judiciously Judgment Day-r
prejudice judicial review-1
prejudiced sub judice-1

```

\title{
Iudex, iudicis - judge, one who gives an opinion \(\{j u d g\), judic\}
}
```

    conjugation-gr
    conjugate-gr/M/PH/CH
    subjugation conjugal jugular vein-an
    subjugate jugular jugate-Bb sejugate
subjugated jugulate-gk
sejugous-Bb
jugum-Bz
conjugant-B
conjugal rights-gk
conjugated protein-BCM
Iugum - yoke {jug}

```


\title{
Iungo, iungere, iunxi, iunctum - to join, attach, form a link \{join, joind, joint, junct\}
}

Iuxta - next to, beside, near by, close \(\{j 0 u s t, j u s t\), juxta \(\}\)

\footnotetext{
\({ }^{1}\) When Mrs. Orgullosa adjusted the seating arrangement of her students, she placed each one 'next to' someone they loathed. \({ }^{2}\) When Tilly and Tommy moshed at the rock concert, they tried to jostle for a position nearest the stage, coming into 'close' contact with many a screaming fan.
}


\author{
Ius, iuris-law, right \{jur, jus\} \\ Iustus - equitable, lawful, correct, fair \{just\} \\ Iuro, iurare, iuravi, iuratum - to swear \{jur\} \\ Coniuro, coniurare, coniuravi, coniuratum - to conspire, pray by something \\ holy, summon together \{conjur\}
}

\footnotetext{
\({ }^{1}\) If the temperature of the water is just right, it's 'correct.' \({ }^{2}\) When the dastardly burglar injured the little old lady, he went 'against' her 'rights.' \({ }^{\text {S }}\) Suzy likes to conjure up different images of tropical islands when it is freezing for the \(20^{\text {th }}\) consecutive day in Vermont, thus 'summoning' pleasant mental pictures 'together.' \({ }^{4}\) When King John committed perjury in a court of law, he 'swore through' the truth, thus 'swore falsely.' \({ }^{5} \mathrm{Via}\) obiurgare, 'to rebuke, reprimand,' which in turn came from iurgare, 'to scold or sue at law.'
}
```

                                    Juno-my
                            photorejuvenation-md
    juvenile
Juno juvenilely
junior rejuvenator juvenility
Jr. juvenescent
June }\mp@subsup{}{}{1
junior high school
junior varsity
junior miss
junior college

```
rejuvenate rejuvenated rejuvenation

June \({ }^{1}\)
junior high school
junior varsity
junior college
juvenilia-LE
juvenal plumage-Bz
jeunesse dorée-fl
junior flyweight-sp juvencle junior lightweight-sp
June bug-Bz
```

Jr. juvenescent juvenile diabetes-md
juvenilize-gk juvenile-onset-md juvenile hormone-Bz
juvenile delinquent

```
juvenile delinquency

Iuvenis-young, young man \{juven\}
Iunior - younger \{junior\}
Iuno \({ }^{2}\), Iunonis - Roman goddess of marriage \(\{J u n\}\)
\(\left.\begin{array}{ccc} & \text { aid (n.) } & \text { aid (v.) adjutant }\end{array} \begin{array}{c}\text { aide-ms } / \mathrm{gk} \\ \begin{array}{c}\text { aided } \\ \text { jocund } \\ \text { aiding jocundity }\end{array}\end{array} \begin{array}{c}\text { aide-de-camp-ms adjutorious } \\ \text { adjuvant-md }\end{array}\right]\)

Iuvo, iuvare, iuvi, iutum - to help, delight \({ }^{3}\{j u t\}\)
Adiuvo, adiuvare, adiuvi, adiutum - to help \{aid, adjut\} Iucundus - pleasant, delightful \{jocund\}

\footnotetext{
\({ }^{1}\) June was and still is a very popular month for 'marriages,' which is why this month was named after 'Juno.'
\({ }^{2}\) Juno was associated with the new, or 'young' moon. \({ }^{3}\) When people 'help' others, all concerned are delighted.
}

\section*{73: Z3atin}


Labor, labi, lapsus sum - to slip, fall
\({ }^{1}\) Rafael completed such an elaborate painting that he received an A+ from Mrs. Reams, who asseverated that it must have taken him months to 'work out' every fine detail. \({ }^{2} \mathrm{~A}\) collapse is a 'thorough falling.' \({ }^{3}\) One would expect something like 'alavanche' (keeping in mind Grimm's law of 'b' shifting to 'v') to come from labi, but this word also underwent metathesis, so the ' \(v\) ' switched with the ' 1 ;' an avalanche is etymologically a 'falling towards' the ground.
```

                                    latté-gs
                                    Galatea-my
    \mp@subsup{l}{}{\prime2}\mp@subsup{\mathrm{ ltuce }}{}{1}
Milky Way galaxy }\mp@subsup{}{}{2}\mathrm{ Galax-Bb ablactation-gk
Andromeda galaxy lactose-CH
galactopoiesis-Bz lactone-CH
galactorrhea-md lactometer-ag
lacteal-gk/an galactose-CH
lactic acid-sp/md galactosamine-BCM
Lactuca-Bb galactosemia-md
galactokinase-BCM lactescent-B/gk
galactophagous-Bz lactoprotein-BCM
galactase-BCM lactescence-gk/Bb
lactarium-ag galactagogue-md
lactulose-BCM/md Polygala-Bb
lactoferrin-BCM galacturonic-CH
lactoperoxidase-BCM
ovolactovegetarian-gk
lacto-ovo-vegetarian-gk
lactovegetarian-gk
metagalaxy-as
Lactobacillus-B
lactoglobulin-BCM
lactose intolerant-md
lactate dehydrogenase-BCM

```
                        Lac, lactis - milk \{lacto-\}
                Gala, galactos (Gr.) - milk \{galacto-, galax\}
```

                    elicit
                    elicited
                    delight (v.)
                        lusciousness
        delight (n.)
        delighted
        delightful
        delightfully
        delightsome
                delightedly
    deliciously
        delicious
        deli
        delicatessen interlace latchet-gk
    deliciousness interlaced Delight in Disorder-LE
        Delectable Mountains-LE delicately Garden of Delights-a
        Delectable Mountains-LE Idiot's Delight-LE delicately Garden
            Turkish delight-gs delice
                    Delicious-ag/Bb
            lace (v.)
    lace (n.)
            lasso (n.)
    lasso (v.)
                lace into-v
                        lace-curtain-gk
                            lacewing-Bz
    ```
lace ( v .)
lace (n.)
lasso (n.)
lasso (v.)
```

        luscious
        indelicate
                        delicate }\mp@subsup{}{}{1
                        delicacy
        delectable
            dilettante\mp@subsup{}{}{2}}\mathrm{ (n.)
                            dilettante (adj.)
                            dilettantism
                    dilettantish
    ```


\title{
Laedo, laedere, laesi, laesum - to harm, hurt, strike \{les, lid, lis\}
}


Langueo, languere - to be sluggish, wilt, lack vigor

\footnotetext{
\({ }^{1}\) Sometimes ' c ' changed to ' k ' with the move from Latin to English. \({ }^{2}\) The Lakers were originally from Minnesota, the 'Land of 10,000 Lakes.' \({ }^{3} \mathrm{~A}\) collision is a 'striking together' of two objects.
}

analytical balance-s/CH
balance of payments-\$
balance of power-ms/ps balance of trade-\$ balance sheet-\$
overbalance overbalanced balancing balance beam overbalanced overbalancing well-balanced diet

Lanx, lancis - one of the scales of a balance
\begin{tabular}{|c|c|c|c|}
\hline \multicolumn{4}{|c|}{lapidarian-gm lapidarist-gk} \\
\hline & lapideous & & lapidement \\
\hline \multirow[t]{15}{*}{dilapidate
d
d} & e lapidary & lapidescent & lapidarious \\
\hline & dilapidated \({ }^{2}\) & lapidescence & lapidable \\
\hline & dilapidation lap & apidicolous-Bz & elapidate \\
\hline & & lapidify-g lapidist & \\
\hline & lapidate-gk & k inlapidate & \\
\hline & & lapicide-gk & \\
\hline & & lapidification-g & \\
\hline & & lapidity-gk & \\
\hline & & lapidose-gk & \\
\hline & & lapies-g & \\
\hline & & lapis-gk/gm & \\
\hline & & lapis lazuli-gm & \\
\hline & & lapilli-g & \\
\hline & & lapillo-g & \\
\hline & & Lapis Lazuli-LE & \\
\hline
\end{tabular}

Lapis, lapidis - stone
\begin{tabular}{|c|c|}
\hline \multicolumn{2}{|r|}{largest large-mindedness} \\
\hline \multicolumn{2}{|r|}{larger large-minded} \\
\hline large & ge largely at large-v \\
\hline enlarge & largess large cap-\$ \\
\hline enlarged & large-hearted largemouth bass-Bz/s \\
\hline enlarging & large-heartedness largo-mu \\
\hline enlarger & large-scale larghetto-mu \\
\hline \multicolumn{2}{|r|}{largeness largesse} \\
\hline & enlargement largish \\
\hline \multicolumn{2}{|r|}{larger than life} \\
\hline \multicolumn{2}{|r|}{large intestine} \\
\hline
\end{tabular}

\section*{Largus - generous, bountiful, copious, plentiful}
\({ }^{1}\) A balance has 'two scales.' \({ }^{2}\) Via Latin dilapidare, 'to shower with stones;' the old farmhouse was so dilapidated that it looked like ruffians had demolished it by pelting it with 'stones.'


Lateo, latere, latui - to lie hidden, lurk
\begin{tabular}{|c|c|c|c|}
\hline \multicolumn{4}{|c|}{Latinist-lg} \\
\hline \multicolumn{2}{|l|}{\multirow[t]{2}{*}{\(\underset{\text { Latin (adj.) }}{\text { L }}\).)}} & \multicolumn{2}{|l|}{Latin cross-r/a} \\
\hline & & lingua Latina-gk Latin & \\
\hline Latina (n.) & .) Latinate & Latina-ge Lati & \\
\hline Latina (adj.) & Latinism & Latin Church-r & Latinly \\
\hline & Latino (n.) & Latinity-lg & \\
\hline & Latino (adj.) & Latinize-lg/gk & \\
\hline & Latin America & Latin Quarter-ge & \\
\hline & Latin American & Latinization-gk/lg & \\
\hline & Latin alphabet & t Latin Rite-r & \\
\hline & Latinos & Latinic-gk & \\
\hline
\end{tabular}

\section*{Latium - the district in which Rome was situated Latinus - Latin}


\section*{Latus - wide}

Dilato, dilatare, dilatavi, dilatatum - to enlarge, make wider
\({ }^{1}\) The lovely, but languishing lady of Lochnabar often lilted alas as she 'wearily' sung of her everlasting 'lassitude,' lovelorn and miserable. \({ }^{2}\) The ancients once thought of lines of latitude as distance north to south, or 'width' of the surface land; see note on 'longitude,' p. 201.


\section*{Latus, lateris - side, flank}

```

Lavo, lavare (lavere), lavi, latum (lautum) (lotum) - to wash, bathe \{laund, laundr, lu, lug, lut, luv\}

```

\footnotetext{
\({ }^{1}\) A square is an equilateral quadrilateral," or 'equal-sided,' 'four-sided' figure. \({ }^{2}\) Collateral damage is that destruction 'with' which the main damage is 'flanked.' \({ }^{3}\) 'Praising' is a form of 'approval,' which in turn 'passes the test,' and so is allowable. Whew! \({ }^{4}\) Lava 'washes' down a volcano. \({ }^{5}\) The audience's lavish praise of the speaker's oratory was so overwhelming that it seemed to 'wash' over him in coruscating floods of bliss. \({ }^{6}\) Alluvial deposits occur when a river floods, and sediment 'washes toward' and over the banks; the fertility of the Nile valley is precipitated by its flooding and subsequent alluvial deposits.
}


\title{
Laxus - slack, loose \{leas, leash, lish, lush\} \\ Laxo, laxare, laxavi, laxatum - to open, undo, take one's ease
}


Lego, legare, legavi, legatum - to bind, choose, send, appoint, bequeath, depute
Collegium - group, club, people 'bound' together by a common interest \{colleag, colleg\}

\footnotetext{
\({ }^{1}\) One can think of a leash as a 'slack' rope used to tie up or restrain an animal, but leaving it room to move about. \({ }^{2}\) When a garden is lush, vegetation is plentiful, that is, flowers and leaves have 'opened' in abundance. \({ }^{3}\) Egbert relished the time he spent in the sardine canning factory; unlike the other, more jaded employees, he revelled in 'taking his ease' there, 'releasing' himself to bathe and luxuriate in the pungent odoriferous fishiness that pervaded the positively miasmic ambience.
}


Lego, legere, legi, lectum - to read, choose, collect \{less, lig, lit\} Colligo, colligere, collegi, collectum - to gather together \{coil, cull\} Diligo, diligere, dilexi, dilectum - to esteem, love, choose apart (from others) Intelligo, intelligere \({ }^{5}\), intellexi, intellectum - to understand, learn by reading

\footnotetext{
\({ }^{1}\) When Scarold neglected to do his homework, he 'chose not' to do it. \({ }^{2}\) An elegant dress is one of fine quality 'chosen from' those sewn from more common cloth. \({ }^{3}\) The practice of diligence in one's vocation exhibits fundamental 'care' or 'love' for it. \({ }^{4}\) Those 'chosen out of' the rest. \({ }^{5}\) Usually intellego, intellegere.
}
\begin{tabular}{ccc}
\begin{tabular}{c} 
leniently \\
lenience \\
lenient lenity \\
leniency
\end{tabular} & \begin{tabular}{c} 
lenitive-gk/md \\
\\
\end{tabular} \begin{tabular}{c} 
lenitic-B \\
lenition-lg \\
lenite-lg
\end{tabular} & \begin{tabular}{c} 
lenify \\
leniate
\end{tabular} \\
& &
\end{tabular}

\title{
Lenio, lenire, lenii, lenitum - to mitigate, allay, ease \\ Lenis-smooth, soft, calm
}


Levo, levare, levavi, levatum - to raise, lift off, lessen \{leav, lief, liev, val\}
Levis - light, of little weight \{leger\}

\footnotetext{
\({ }^{1}\) When Felix 'raised' the issue of laughter at the conference on healing, the head speaker said that it was certainly relevant to her topic of effective care for the terminally ill. \({ }^{2}\) French for 'lightness of hand,' that is, 'sleight of hand' or 'trickery.'
}


\section*{Lex, legis - law, rule, contract, legal right \{loy\}}


Libero, liberare, liberavi, liberatum - to set free

\footnotetext{
\({ }^{1}\) A privilege is a 'right' enjoyed by a privus, or 'individual.' \({ }^{2}\) The livery, or 'clothing' of a servant's uniform is given out 'freely' by the master.
}
```

                                libelee-1
            library libelant-1
                            librarian library-BCM
                            librarianship
                            library science librettist-mu
                            Library of Congress libel }\mp@subsup{}{}{1}\mathrm{ ex libris-fl
                            New York Public Library libellous Bodleian Library-gk
                    Pierpont Morgan Library-gk
                    Liber Amoris-LE
                                    livre à clef-LE
                    British Library-gk
                    Huntington Library-gk
                    Laurentian Library-gk
                            Library of Alexandria-h
                        Vatican Library-gk
                    interlibrary loan-gk
                            Famam Librosque Cano-LE
                Cambridge University Library-gk
                    Liber, libri_book
                    &-$
                    lb. lire-$
                    level (n.) lira-$
            level (v.)
            level (adj.)
            levelled
    leveler deliberate (v.)
Libra deliberation
levelheaded deliberative level of significance-M
levelly deliberations
deliberating librate (n.)-h
deliberate (adj.) level playing field-gk
deliberately equilibrist-sp
deliberateness
equilibrium
equilibrate
Libra - balance, scales, Roman pound {lev, liber}
Delibero, deliberare, deliberavi, deliberatum - to weigh, ponder, consider

```


\section*{Licet, licere, licuit - it is permitted, one may \{leis\}}

\author{
lignum-Bb \\ lignose-CH \\ lignoin- CH \\ lignatile-Bb \\ ligneous lignify- Bb \\ lignification- Bb ligneal \\ ligniform-gk lignescent \\ lignin- Bb delignate \\ lignite-gk \\ ligniperdous-gk \\ lignicolous-Bz \\ lignocaine-dt/md \\ lign-aloes-Bb \\ lignocellulose- Bb \\ lignum vitae- Bb
}

Lignum - wood \{ligni-, ligno-\}
```

                    lictor-h
                            liaise-gk
                            obliged
                obliging
            Little League oblige
        reliant ligament
            reliantly ally (n.)
                religiously obligation
                religiousness obligated
            religion }\mp@subsup{}{}{1
            religious
        rely}\mp@subsup{}{}{2
        reliance
    reliability
reliable
unreliable
unreliability
self-reliance rallied
self-reliant rally (n.)
liege mésalliance-fl
allegiance ligate-gk/md
irreligious ligand-CH
misalliance liana-Bb
lyam-he/gk
obligatum-fl
lyam-hound-h
obligative mood-gr
ligature-gk/mu/md/lg
Self-Reliance-LE
Religio Laici-LE
Religio Medici-LE
League of Nations-h
Les Liaisons Dangereuses-LE

```
Ligo, ligare, ligavi, ligatum - to tie, bind, link \{leag, li, lieg, loy, ly\}
\begin{tabular}{|c|c|}
\hline eliminator eliminate \({ }^{4}\) & liminality \\
\hline eliminated & supraliminal \\
\hline elimination & preliminary \({ }^{5}\) (adj.) \\
\hline preliminary (n.) & postliminia \\
\hline eliminative & prelims-v \\
\hline preliminarily & postliminium-1 \\
\hline sublimi & postliminary-gk \\
\hline sublim & nally in limine-fl \\
\hline
\end{tabular}

\section*{Limen, liminis - threshold, doorway, entrance}

\footnotetext{
\({ }^{1} \mathrm{~A}\) religion strives to 'link' its faithful 'back' to their ultimate origin. \({ }^{2}\) To rely on another is etymologically to 'bind' oneself to that person. \({ }^{3}\) During the political rally, Filbert saw many people 'linked together' by the same viewpoints. \({ }^{4}\) To eliminate an opponent is etymologically to throw him 'out the doorway.' \({ }^{5}\) A preliminary event happens 'before' crossing the 'threshold' to the main event.
}


\section*{Limes, limitis - boundary}


\section*{Lingua-tongue, language \{langu\}}
\begin{tabular}{ccc} 
relic & relique-gk & reliquary-r
\end{tabular}\(\quad\) linquish

\section*{Linquo, linquere, liqui - to leave, abandon, forsake \{lic, lict, liqu\}}



\section*{Liqueo, liquere, liqui - to flow, to be liquid \\ Prolixus - extensive, lengthy \({ }^{1}\)}


Litera \({ }^{3}\) - letter of the alphabet, document, missive, writings, literary works \{letter\}
Diphthera (Gr.) - prepared hide, surface for writing
```

                                    localize-md/B
                                    localist-gk
                                    bilocation-gk
                locomote }\mp@subsup{}{}{2
            locomotor
        locomotive (adj.)
        allowably allocate
        located allocated
                locally allocation
            local locale
        locals locality
    locate
        locomotion
    locomotive (n.) localize milieu }\mp@subsup{}{}{3}\mathrm{ locative-gr avunculocal lieu
location localization in lieu of ad loc.-fl matrilocal-ap
allow
dislocate
\#allowance (n.) }\begin{array}{c}{\mathrm{ dislocation }}<br>{\mathrm{ allowable }}
Mallowance (n.) }\begin{array}{c}{\mathrm{ dislocation }}<br>{\mathrm{ dillowable }}
disallow
couched
couch (v.)
collocate
collocation illocal-gk ablocate
localism neolocal-ap illocable
disallowance accoucheur-md
ant }\mp@subsup{}{}{1
locatable disallowable accoucheuse-md
locator locus in loco parentis-fl
loci echolocation-Bz
couch potato loculus-B/an
lieutenancy locus standi-1
remote control locator allowedly-gk
telephone locator genius loci-fl
dislocation-CH/g
allowance (v.)-\$/gk
loculicidal-Bb
locus classicus-LE
local anesthesia-md
lieutenant commander-ms
lieutenant general-ms
lieutenant colonel-ms
locus cœruleus-an
nonlocality-PH
locality-PH
Locus - place {lieu4, low}
Loco, locare, locavi, locatum - to place
Alloco, allocare, allocavi, allocatum - to assign, place towards {allow}
Colloco, collocare, collocavi, collocatum - to put in a certain place or position,
settle, cause to recline {couch}

```

\footnotetext{
\({ }^{1} \mathrm{~A}\) lieutenant 'holds the place' of a higher officer, acting in his stead as a 'locum tenens.' \({ }^{2}\) To locomote is to 'move' from one 'place' to another. \({ }^{3} \mathrm{~A}\) milieu is etymologically 'in the middle of a place;' see Medius tree, p . 217. \({ }^{4}\) Via French lieu, 'place.'
}



\section*{Loquor, loqui, locutus sum - to talk, speak}

\footnotetext{
\({ }^{1}\) Ancient cartographers considered 'length' the distance from east to west, hence longitude. \({ }^{2}\) When the feral cat lunged at the giant rat, it 'stretched forth' its entire body; the same notion lies behind lounge. \({ }^{3}\) After Bedivere purloined the precious book from the Bodleian, he took it a 'long' way away for even safer keeping. \({ }^{4}\) Note that the English word long is from the Old English lang, 'long.' \({ }^{5}\) Eloquent people 'speak out' articulately and clearly. \({ }^{6}\) Colloquial refers to 'talking together,' or to the 'spoken' language.
}
\begin{tabular}{|c|c|c|c|}
\hline \multicolumn{2}{|l|}{\multirow[t]{2}{*}{lubricator}} & \multicolumn{2}{|l|}{lubric} \\
\hline & & & \\
\hline lubricate & \multicolumn{2}{|l|}{lubricious} & lubricatory \\
\hline lubrication & lubricity & lubricative-gk & lubrify \\
\hline lube (n.) & lubricous & lubritorium-gk & lubricitate \\
\hline \multirow[t]{3}{*}{lube (v.)} & \multicolumn{3}{|l|}{.) well-lubricated-v} \\
\hline & \multicolumn{3}{|l|}{lube job} \\
\hline & \multicolumn{3}{|l|}{lubricator} \\
\hline \multicolumn{4}{|c|}{Lubricus - oily, slippery, inconstant \{lub\}} \\
\hline \multicolumn{4}{|l|}{\multirow[t]{3}{*}{\begin{tabular}{ccc} 
lucre & "filthy lucre"-r & lucripetous \\
lucrative & lucrum interceptum-1 & lucrifaction \\
lucratively & lucriferous & lucrum cessans-1
\end{tabular}}} \\
\hline & & & \\
\hline & & & \\
\hline \multicolumn{4}{|c|}{lucration} \\
\hline \multicolumn{4}{|c|}{lucratory} \\
\hline \multicolumn{4}{|c|}{lucrify} \\
\hline \multicolumn{4}{|c|}{lucrificable} \\
\hline \multicolumn{4}{|c|}{lucrificate} \\
\hline \multicolumn{4}{|c|}{lucrous} \\
\hline \multicolumn{4}{|c|}{Lucrum - gain, profit} \\
\hline \multicolumn{4}{|c|}{reluctance reluctant} \\
\hline \multicolumn{4}{|l|}{reluctantly ineluctable reluct-gk} \\
\hline \multicolumn{4}{|l|}{\multirow[t]{2}{*}{reluctance reluctivity-s ineluctability reluctate-gk}} \\
\hline & & & \\
\hline
\end{tabular}

\section*{Luctor, luctari, luctatus sum - to struggle, fight against}
prelude (v.)
prelude ( n .)
delude
delusory delusion
illusion delusional
illusionary delusive allusiveness illusionist-Ф/a/gk ludification delusively allusive ludic-gk ludibundness
delusiveness collude prolusion-gk ludicropathetic
interlude illusive lusus naturae-fl ablude illusory prelusion
elude postlud elusive prelusive The Prelude-LE ludibry collusion homo ludens-LE elusion
elusiveness
ludicrous allude
ludicrousness
disillusion allusion \({ }^{1}\) disillusionment

Ludo, ludere, lusi, lusum - to play, trick, make fun of, write for amusement
Ludus-play, performance, game
\({ }^{1}\) An allusion is etymologically a 'playing with' what another person has said by 'referring' to it.
\[
\begin{gathered}
\text { lugubriosity } \\
\text { luctiferous } \\
\text { luctual } \\
\text { collugency } \\
\text { lugubrious lugubre } \\
\text { lugubriousness luctificable } \\
\text { lugubriously luctisonant } \\
\text { luctuate } \\
\text { luctuous } \\
\text { luctific } \\
\text { Lugeo, lugere, luxi, luctum - to mourn, lament }
\end{gathered}
\]


Lumen, luminis - light, glow \{limn\}


Luna-moon \{loon\}
lupine \begin{tabular}{ccc} 
lupiform-md & & \\
lupinin-CH \\
lupinosis-vt \\
Lupus-as \\
lobo-Bz & lupulin-gk & lupanar \\
& robalo-Bz & \\
Lupinus-Bb & & \\
loup-garou-fl & & \\
Canis lupus-Bz \\
Lupinus albus-Bb \\
systemic lupus erythematosus-md &
\end{tabular}

\section*{Lupus - wolf}
\left.\begin{tabular}{ccc} 
& \multicolumn{2}{c}{ illustrious } \\
& illustrative & \\
& illustrate & luster (n.) \\
illustration & lustrous
\end{tabular}\(\right)\)

Lustro, lustrare, lustravi, lustratum - to illumine, purify, brighten \{luster\}


\footnotetext{
\({ }^{1}\) An illustrator 'brightens' or 'illuminates' the pages of books.
}

\section*{\(\mathfrak{f l l}\) : Zatin}


Magister, magistri - ruler, leader, person in charge, master, manager, teacher, model \{mast, meist, mistr\}

\footnotetext{
\({ }^{1}\) 'Spotless.' \({ }^{2}\) Activity is etymologically untrammeled if 'not hampered by a net.' \({ }^{3}\) The morphemes mail and mel have the underlying meaning of 'mesh.'
}

\({ }^{1}\) French form of Latin Carolus Magnus, 'Charles the Great.' \({ }^{2}\) One can think of a maxim as a 'general truth' culled from a 'very great' deal of experience, which, in turn, reveals the 'greatest' wisdom.


\section*{Magus-sorceror, magician Magicus-magical}

\author{
maul (n.) mauled \\ mall \(^{1}\) (n.) mall (v.) \\ mallet \\ shopping mall mauled \\ strip mall malleability malleus-an malleate \\ croquet mallet malleable malleolar-an malleated pall-mall-h/sp \\ polo mallet \\ malleably \\ Pall Mall-fs/gk \\ Malleus Maleficarum-r/h
}

Malleus-hammer \{maul\}
Malleo, malleare - to hit with a hammer (to shape)

\footnotetext{
\({ }^{1}\) The idea of a shopping mall originated from a large area that was needed to play a game named 'pall mall,' which used a 'mallet' to hit a ball; an expansive area in London, once used to play the game, later was used as a promenade, or public walk, appropriately dubbed 'Pall Mall;' later on outdoor shops would grace public walkways, and, for the sake of convenience, at last became enclosed, forming the modern mall.
}


\section*{Malus - bad, evil}

\footnotetext{
\({ }^{1}\) Physicians once believed that malaria could be contracted by inhaling 'bad air.' \({ }^{2}\) See note 7, p. 97. \({ }^{3}\) The cross-country team dubbed him "Ringer the Malingerer;" he was always feigning 'ill health,' usually in the form of an "injured" ankle so that he could not finish each race.
}
mammal \({ }^{1}\) mammotroph-md
mammalian mammotrophic-md
mammiferous-an
mamma-an
mammalogy- \(\mathrm{Bz} \quad\)\begin{tabular}{c} 
mammatocumulus-mt \\
mammilla- Bz \\
mamothrept \\
mammillary- Bz \\
mammillate- Bz \\
mammillated- Bz \\
mammography-md \\
mammogram-md \\
mammaplasty-md \\
mammoplasty-md \\
mammary gland-an \\
mamelon-gk \\
mamelière-ms
\end{tabular}

\section*{Mamma - breast, udder}


Mando, mandare, mandavi, mandatum - to order, entrust Commendo, commendare, commendavi, commendatum - to bring to the advantageous notice of, represent as suitable, praise, entrust
\({ }^{1}\) All mammals nurse their young through 'udders' or 'breasts.'


\section*{Maneo, manere, mansi, mansum - to stay, remain \{main, men²\} Permaneo, permanere, permansi, permansum - to last, persist Mansio, mansionis - house, abode \(\left\{\mathrm{men}^{3}\right\}\)}


\footnotetext{
\({ }^{1} \mathrm{~A}\) menial is a 'house' servant who performs menial or servile tasks. \({ }^{2}\) Morpheme in 'ménage' and 'menagerie.' \({ }^{3}\) To dismantle a building is 'to tear it down,' thereby destroying its 'shelter;' a 'cloak,' in turn, is a 'shelter' for a human being. 'The Earth's mantle 'covers,' or 'cloaks' the core. \({ }^{5} \mathrm{~A}\) portmanteau is a 'suitcase' or 'shelter' in which to 'carry' one's clothing; it is etymologically a 'cloak' for the clothing that one 'carries.'
}
```

        maintainable mannerism manuduction-gk
            manure (v.) outmaneuver (v.) manuary-gk
                        manufacturable maneuver (v.) manche-mu
                    manufacture (n.) manipulatively mainour-h
        manufactory manipulatory
    manufacture }\mp@subsup{}{}{1}\mathrm{ (v.) manual (adj.)
        manufacturer manually
                                    amanous-Bz
                manufactured home-gk
                manage }\mp@subsup{}{}{2}\mathrm{ manipulate managed care-md Manual System-LE
            manager manipulation manus-Bz manutention
    management
manure (n.)
manners}\mp@subsup{}{}{3
maintain }\mp@subsup{}{}{4
maintenance
manageable legerdemain}\mp@subsup{}{}{6}\mathrm{ MIS-CSmanustupration
manuscript }\mp@subsup{}{}{5}\mathrm{ unmanageable manifesto amanuensis-gk
Emancipation Proclamation manageability manumit manège-sp
manicure managerial manumission bimanous-Bz
mismanage maneuver (n.) manqué7 mano destra-mu
mismanagement manifestly mano-gk
maneuverable manciple-gk
maneuverability
mannerly
ill-mannered
unmannered
unmannerly
manner
manifest (v.)
manifestation
manifested
manacle mortmain-l/gk
emancipate Quadrumana-Bz
manifest (adj.) quadrumane-Bz
manoeuvre (n.) masturbation-gk
manoeuvre (v.) managing editor-gk
outmanoeuvre mancando-mu
maneuvering mano sinistra-mu
manifest destiny mano a mano-sp/fl
Manciple's Tale-LE
longimanous-Bz/gk
manipulandum-PS/ap
manual (n.)-ms/mu/gk
mutual fund manager-\$
change management-CS/\$
health maintenance organization-md
Manus - hand, band of men {main, manu}
Manipulus - handful, common soldiers {mancipl}
Manifestus - obvious, clearly visible, caught red-handed

```

\footnotetext{
\({ }^{1}\) To 'make by hand.' \({ }^{2}\) To 'lead by hand,' or 'handle.' \({ }^{3}\) Social 'handiness.' \({ }^{4}\) To 'keep' or 'hold by hand.' \({ }^{5}\) 'Written by hand.' \({ }^{6}\) See note 2, p. 192. \({ }^{7}\) Etymologically 'maimed hand.'
}
mare-as
maar-g
Marina-LE
marinize-gk ormer-Bz
ultramarine-a/gk
aquamarine-gm/gk
marina mariner transmarine marinate-gs
submarine (adj.) maritime marinade-gs
Marines
U.S. Marine Corps
mermaid submariner-ms merman rosemary-gs/Bb
merwoman juxtamarine-gk
cormorant-Bz mariculture-\$ marigenous-gk
maricolous-gk mal de mer-fs
bêche-de-mer-gs
mare clausum-fl mare liberum-fl
Mare Nostrum-h
Maritime Alps-ge
Maritime Provinces-ge
The Rime of the Ancient Mariner
\[
\text { Mare - sea }\{\text { mer }\}
\]
\begin{tabular}{cc}
\(\underset{\text { margin (n.) }}{\text { marginal }}\)\begin{tabular}{c} 
marginality
\end{tabular} & marginalize-so \\
marginate- Bb \\
margin (v.) & marginalia-gk \\
margining & margent-gk \\
marginally
\end{tabular}

Margo, marginis - border, edge
married
marriage
marriageable
```

unmarried remarry
remarried
marry marital marita-Bz maritorious
marital marita-Bz maritorious
maritally maritage-1/h mariticidal
marital bliss mari complaisant-fl maritodespotism
The Marriage of Figaro-mu marite
remarriage
remarried
marriage license
marriageability
marriage of convenience
intermarry
intermarriage

```
                    Maritus - married, united \{marr\}
```

retire }\mp@subsup{}{}{1}\mp@subsup{\mathrm{ ier }}{}{2}(\textrm{n}.) retiring martyrology-r
retiree tier (v.) retiringly martyrologist-r
retired tiered martyrize martyrium-r
retirement tirade }\mp@subsup{}{}{2}\mathrm{ martyrization
martyr (v.) martyr (n.)
martyrdom
Martyr - a witness
Martys, martyros (Gr.) - a witness

```
```

    male (n.)
    male (adj.)
    masculine masculine gender
masculinity
maleness
emasculate
mallard-Bz/sp
emasculatory machismo-fl
emasculatory machismo-fl
masculinize-md/gk
m
male chauvinist masculine-gr/mu
male chauvinism masculine rhyme-LE
commasculation

```

\section*{Mas-a male Masculus-a male \(\left\{\right.\) mal \(\left.^{4}\right\}\)}

\author{
mask-s \\ masker-gk \\ \(\operatorname{mask}^{5}\) (n.) \\ mask (v.) \\ masked \\ masking tape \\ masked man \\ unmask \\ masking-md \\ masquerade (n.) \\ masquerade (v.) \\ The Mask of the Red Death-LE \\ masque-LE/a \\ masked-man fallacy- \(\Phi\) \\ The Man in the Iron Mask-LE \\ unmasked \\ masked ball \\ surgical mask
}

Masca-mask, witch, specter \(\left\{\right.\) mask \(^{5}\), masq\}

\footnotetext{
\({ }^{1}\) Via Old French retirer, 'to draw back.' \({ }^{2}\) Via Old French tirer, 'to draw out;' steps are 'drawn out' in a series of rows in a tier, whereas a tirade is a 'drawn out' censorious lambasting. \({ }^{3}\) The second syllable of this word is related to the derivatives with the tir morpheme, as the Old French tirer can also mean 'to endure;' a martyr must sufferingly 'endure' a trial which is 'drawn out' or unduly 'lengthened.' "'Female' is not etymologically related to 'male,' although they look similar; rather, it derives from femella, a Latin diminutive of femina (see p. 121). \({ }^{5}\) Again, a Latin ' \(c\) ' could change to ' \(k\) ' during the move to English.
}
```

                                    mixed dark matter-as
                                    cold dark matter-as
                                    hot dark matter-as
                                    prime matter-Ф
                                    dark matter-as
                                    matrist-PS
                                    matroid-M
                                    materialization commère-gk
                                    materialized matrilineage-gk
            materialize
            maternal matron
            maternally matronymic
                    matricide matrices
            matricidal matrilineal
                                    matriarchate-so
                                    materiel-ms
                                    materiality-gk
                                    materialism-\Phi
                                    mater-fl
            material maternity matronly alma mater-fl
        matter 1}\mathrm{ (n.) matrimony }\mp@subsup{}{}{2}\mathrm{ matriarchy matrilocal-ap materteral
    matter (v.) matrimonial matriarch matrilocality-ap matriotism
    materials materialistic matriculate dura mater-an matripotestal
maternity ward materialism matriculant pia mater-an
matter of course immaterial matriclinous-BCM
matter-of-fact materialist matronage-gk
madre matrix matronize-gk
mère matrices madrigal-mu
materially matter waves-PH
alma mater }\mp@subsup{}{}{3}\mathrm{ materfamilias-fl
materia medica-md
matter (v.)-md
antimatter-PH
matricentric-gk
matrifocal-gk
materials science-s
Madreporaria-Bz
mater lectionis-gl
matron of honor-gk
materials science-s
matrix sentence-gr
matrix algebra-M
Madre de Dios-ge
materia prima-PH/\Phi
historical materialism-\Phi
material realism-PH/\Phi
The Heart of the Matter-LE
`The Matter of England'-LE

$$
\text { Mater, matris - mother }\{\text { madr }\}
$$

            Materna-belonging to a mother, motherly
            Materia - material, substance {matt}
    ```

\footnotetext{
\({ }^{1}\) Matter is etymologically the 'mother,' or 'building blocks,' of a 'substance,' or that which gives 'substance' its 'material' existence: as a 'mother's' uterus builds her child, so too does 'matter' form all objects. \({ }^{2}\) Matrimony is that church-sanctioned state, i.e. 'marriage,' in which it is considered lawful for a woman to become a 'mother;' it can also be thought of as a man and a woman leaving the protective shelter of their respective 'mothers' to join with each other. \({ }^{3}\) Latin for 'nourishing mother.'
}
\begin{tabular}{ccc}
\(c\) & maturest \\
maturer \\
& mature (adj.) & mature (v.) \\
maturity & maturate & maturescence-gk \\
immature & maturation & maturity-g \\
immaturity & premature & maturase-BCM \\
maturely & prematurely & maturate-md maturish \\
immaturely prematurity & maturation division-BCM \\
matureness & mature-onset diabetes-md
\end{tabular}

Maturo, maturare, maturavi, maturatum - to make ripe, hasten

\author{
metheglin-gs \\ medicaster-gk \\ medicide-gk/md \\ medical law-l/md \\ irremediable \\ medicolegal- \(1 / \mathrm{md}\) medicalize-md medicable-md medicant-md meds-v medicament-md medico-md \\ medic- \(\mathrm{Bb} / \mathrm{ms} / \mathrm{md}\) \\ medicine dance-r \\ medicine woman-r medicine man-r \\ medicative medical examiner-md/\$ medicine ball Medicinae Doctor-md medic Medibank-h immedicable-md \\ medicine lodge-r forensic medicine-md \\ Canon of Medicine- \(\Phi\) \\ Desperate Remedies-LE
}
remedy (v.)
remedy (n.)
MD remediless
medical remedial
medication medicinal medicate remediation medicated remediable medicine Medicare Medicaid medically

Medeor, mederi-to heal, cure, remedy
Medicus-doctor, physician Remedium - cure
\begin{tabular}{cc} 
meditate \\
meditating \\
meditational \\
meditation & premeditate \\
meditator & meditative \\
premeditation \\
meditatively & premeditative \\
memeditatedly & unpremeditated
\end{tabular}

Meditor, meditari, meditatus sum - to reflect upon, muse over, consider, ponder, think over
hemisemidemiquaver \({ }^{7}-\mathrm{mu}\) demisemiquaver-mu demitasse-gk/gs
demimondaine-fl demiquaver-mu demimonde-fl
demivolte-sp demiworld-gk median-an/M
demirelief-a mediety-1
medallion-gk
mezzaluna-gs
submediant-mu
mezzaluna-gs
mediagenic-gk
mediate \(^{2}\) (v.) mullion-gk monion
mediator in medias res-LE
medal (v.) mediation mediatize-gk
medal \(^{1}\) (n.) mediating intermezzo-mu
medium (adj.) intermediate medial mezzanine-gk
immediate \({ }^{2}\) intermediary moiety mezzo soprano-mu
immediately intermediation milieu \({ }^{6}\) mezzotint-a mediocrist


Medius - middle, in the middle, in half \(\{\) mezz \(\}\)
Medialis - of the middle \(\{\) medal \(\}\)
Medianus - central \(\{\) mean \(\}\)
Dimidius - half \(\{\) demi \(\}\)
\({ }^{1}\) The word medal comes from a Latin coin which was valued at 'half' a denarius; a medal also looks like a coin. \({ }^{2}\) Immediate attention requires 'full,' or etymologically 'not halfway' care 'right away,' that is, not care mediated or 'resolved' through another in the 'middle' which causes delay. \({ }^{3}\) The sea 'in the middle of the land.' \({ }^{4}\) Albert did a mediocre job on his report: he did it 'halfway.' \({ }^{5}\) Pertaining to the 'Middle Ages.' \({ }^{6}\) See note 3, p. \(200 .{ }^{7} \mathrm{~A}\) \({ }^{\prime} 1 / 2\) ' of a \(\sqrt{1} / 2\) ' of a \(1 / 2\) ' of an eighth note, or a ' \(1 / 64^{\text {th }}\) note.'

Melilotus-Bb
mellite-mn melliloquent
molasses melliferous-gk
marmalade mellifluent hydromel-gs
orange marmalade mellifluous oxymel-md
oenomel-h
mellisugent-Bz
melichrous-gk
melicrate-gs
melilite-mn
Meliphaga-Bz
mellivorous-Bz

\section*{Mel, mellis - honey \(\{\mathrm{mol}\}\) \\ Meli (Gr.) - honey}

\author{
ameliorable \\ ameliorate amelioration ameliorative \\ meliorative \\ meliorism-gk melioration-lg \\ meliorate ameliorant-ag meliorize meliorant-gk meliorization meliority-gk \\ Melior - better
}

CFTR-BCM
membranous labyrinth-an membrane bone-an
member dismember tympanic membrane-an membership dismembered member- \(\mathrm{lg} / \mathrm{M}\) dismemberment member firm-\$ dismembering membrane-B/CH membrane \(^{1}\) membranous-md membranal mucous membrane-an membranous biomembrane-BCM
vestibular membrane-an
intercostal membrane-an
interosseous membrane-an
nictitating membrane-an
pansporoblastic membrane-B semipermeable membrane-s/BCM paries vestibularis membrane-an
hyaline membrane-an
Reissner's membrane-an
hemodialyzer membrane-md
fenestrated membrane-an
cystic fibrosis transmembrane regulator-BCM

\section*{Membrum - a limb, part, portion, division \{member\}}
\({ }^{1}\) A membrane forms a 'division' between what it covers and its environment; it can also be thought of as covering the 'members' of the body, the skin being the body's primary membrane.


\footnotetext{
\({ }^{1}\) Latin for 'to be remembered.' \({ }^{2}\) Latin for 'those things worthy of memory.'
}


> Mendum-fault, defect
> Mendicus - beggar \({ }^{1}\)
> Mendax, mendacis - lying, false
```

                                    dement (v.)-gk
                                    mentalist-gk
                comment (n.) Mentor-my
        mention (n.) mentalese-lg
                                mental age-PS
    mention (v.) mentor (v.)
    mental commentary
mentally mentality
not to mention dementia mentation-gk mentimutation
compos mentis-fl
dementia praecox-md
honorable mention demented amentia-md
mentioned mentor (n.) ament-gk
mentionable mentee mentalism-gk
unmentionable reminisce mental telepathy-gk
comment (v.) reminiscent The Mental Traveller-LE
mentally sound commentator memento mori-fl
mental block memento menticide-PS
mental illness commentate mental reservation-gk
reminiscence mentally ill
mental health
Minerva
mental retardation
mentally challenged
Mens, mentis-mind
Mentio, mentionis-remembrance
Minerva-Roman goddess of wisdom
Reminiscor, reminisci - to recall to mind
Commentum - interpretation
Mentor (Gr.) - adviser, friend of Odysseus

```


Mereo, merere, merui, meritum - to earn, gain, deserve Meretrix, meretricis - courtesan, prostitute \({ }^{\mathbf{1}}\)
\begin{tabular}{|c|c|c|c|}
\hline \multicolumn{4}{|c|}{merge} \\
\hline \multicolumn{2}{|l|}{merger} & \multicolumn{2}{|l|}{merganser-Bz} \\
\hline \multicolumn{2}{|l|}{merging} & \multicolumn{2}{|l|}{commerge-gk} \\
\hline ER emerge \({ }^{3}\) & & \multicolumn{2}{|r|}{EMT-md} \\
\hline emergency \({ }^{2}\) & emerging & merg & ent-gk \\
\hline emergency room em & emergence & immerge & submergence-g \\
\hline emergency brake e & emergent & emersion & submersed-Bb \\
\hline subme & erge & demersal-Bz & \\
\hline subm & mersion & merger-1 & \\
\hline subme & ergence & emersed-Bb & \\
\hline & subm & & \\
\hline & merg & & \\
\hline & subme & ible & \\
\hline & subme & ible & \\
\hline & imm & & \\
\hline & imme & & \\
\hline & imm & & \\
\hline & imme & & \\
\hline
\end{tabular}

Mergo, mergere, mersi, mersum - to plunge, immerse, bury, drown, overwhelm

\footnotetext{
\({ }^{1}\) The connection with merere is the 'earning' of money via being 'kept.' \({ }^{2}\) An emergency is etymologically a 'plunging out of' normal, safe circumstances; note the connotation of severity and suddenness with 'plunging.' \({ }^{3}\) Etymologically 'arising from' a liquid, the opposite of 'immersing' in a liquid. \({ }^{4}\) Rowyn immersed himself in the hilarity of Don Quixote, barely coming up for air as he eagerly devoured each chapter.
}
```

                        Mercosur-$
            free market-$
            common market-$
            supermarket market share-$
            market market value-$
                marketability market order-$
                market (v.)
                amerce-1
    mercy killing money market
money market-\$
bond market
mercer-\$ mercative
mercaptan-CH

```
stock market
merchant (adj.)
merchandise (n.)
mercy
merciless merciful mercilessness
mercifulness
merchandise (v.)
merchandising
merchant (n.)
market (n.) marketable marketplace mart Mercury \({ }^{1}\)

Wal-Mart
commercial (n.) unmerciful
```

telemarketing mercaptopurine-md
telemarketer mercuric chloride-md/mt/a
mercifully mercury vapor lamp-gk
mercilessly bear market-\$
bull market-\$
upmarket-\$
Market Cart-a
Goblin Market-LE
Merchant's Tale-LE
The Merchant of Venice-LE

```

\title{
Merx, mercis - goods for sale, trade, traffic \{mark, merch\} \\ Mercurius - Roman god of traders, travelers, and bearing messages \{mer\} \\ Merces \({ }^{4}\) - price, reward, wage
}

\footnotetext{
\({ }^{1}\) As the god of 'commerce' and messenger of the gods, Mercury had to move fast (cf. 'at the speed of commerce'); thus the planet which moves the fastest around the sun, having an 88 day year, was duly named for him. \({ }^{2}\) The adjective mercurial not only pertains to aspects of the god 'Mercury,' such as 'speed,' 'cleverness,' and 'eloquence,' but also is similar to the element mercury, aka 'quicksilver,' which not only moves 'quickly,' but is also 'slippery,' or 'unpredictable.' \({ }^{3}\) See note 5, p. 491. \({ }^{4}\) Root of 'mercy' ('reward of compassion') and 'mercenary.'
}
```

                    measurement commensurate
                    measure (v.) dimension (v.) commensuration
        tape measure measureless commensurable hypertridimensional-PH
    dimension }\mp@subsup{}{}{1}\mathrm{ (n.) dimensional incommensurate transdimensional-PH
        measure (n.) unidimensional transdimensional geometry-M/PH
            measurable multidimensional immensurable-gk
    measure up dimensionless
beyond measure immense }\mp@subsup{}{}{2}\mathrm{ mensurable-mu
for good measure immensely mensuration-gk/md/M
unmeasured immensity Measure for Measure-LE
measured
10th dimension-PH
4th dimension-gk/PH
admeasure-gk
immeasurability
immeasurably

```
Metior, metiri, mensus sum - to measure, traverse, estimate
Mensura - act of measuring, ascertaining dimension \(\left\{\right.\) measur \(\left.{ }^{3}\right\}\)


\section*{Migro, migrare, migravi, migratum - to move, shift, pass into a new condition}
\({ }^{1} \mathrm{~A}\) dimension is a 'measuring across' a space. \({ }^{2} \mathrm{An}\) immense mountain is so vast that it etymologically has 'no measure' in the sense that it cannot be 'measured.' \({ }^{3}\) Note the dropped ' \(n\);' also see note 5 , p. 140 . \({ }^{4}\) She who emigrates, or 'moves out of' one country is an emigrant (referring to her country of origin); when she 'moves into,' or immigrates to another, she becomes an immigrant (referring to her destination): if Brunhilda were permanently moving from the United States to Ireland, she would correctly refer to herself as an emigrant from the United States, but as an immigrant when referring and traveling to Ireland.


\section*{Miles, militis - soldier}
```

                    mill-$ millime-$
                        millirem-md
                        milliosmol-CH
                                millidarwin-B
        million }\mp@subsup{}{}{1}\mathrm{ (adj.)
            million (n.)
                millionaire
    mile millennia
    miler milestone
        mileage
            milepost
                        millimeter
                    milligram
                millisecond bimillennium-gk
                    milliliter millimicron-M
                    billion }\mp@subsup{}{}{2}\mathrm{ (adj.) quadrillion-M
                    billion (n.) quintillion-M
                billionaire
            trillion (n.)
            trillion (adj.)
            trillionth
                billionth
                        millionth centillion-M
                    millipede }\mp@subsup{}{}{4}\quad\mathrm{ milfoil-Bb
                    millisecond millefiori-gk
                    millenarian-gk
                    millenary-gk
                            millennialism-gk
                                    millegrain-gm
                                    millesimal-M
                            millepore-Bz
                    millennium bug-CS/gk
                    centimillionaire-gk
                Mille-a thousand {milli-4}
    Milia passuum - a thousand paces, Roman mile
    ```
\({ }^{1} \mathrm{~A}\) 'thousand thousands.' \({ }^{2} \mathrm{~A}\) 'thousand' millions, or 'thousand thousand thousands.' \({ }^{3} \mathrm{~A}\) 'thousand' billions, or 'thousand thousand thousand thousands.' "The prefix milli- usually means 'one thousandth' with a few exceptions, such as in the word 'millipede,' etymologically, not literally, an insect with ' 1000 feet.'
```

    prominency
    imminent }\mp@subsup{}{}{1
imminently
imminence éminence grise-fl promontorious
prominent
prominence
prominently
eminent
prominence-as/an eminento
Eminence-r eminential
eminent domain-gk eminously
promontory-an
eminently supereminent-gk
eminence
preeminent
preeminence
preeminently

```

\section*{Mineo, minere - to lean forward, project, jut out, threaten}
\begin{tabular}{|c|c|c|}
\hline & mini minicar minitower & \\
\hline minivan & & min \\
\hline TV miniseries & & \\
\hline miniskirt & miniaturize & \\
\hline miniature (adj.) m & miniaturization & \\
\hline miniature golf & miniaturized & \\
\hline mini golf & & minia \\
\hline minicab & & \\
\hline minibike & & icomp \\
\hline & minibook miniat & st-gk \\
\hline & minicourse-ed & \\
\hline & minibar-gk & \\
\hline & minium-gk & \\
\hline
\end{tabular}

\section*{Minio, miniare, miniavi, miniatum - to illuminate in red \({ }^{3}\)}
administrative
administrator métier \({ }^{4}\)
administrate ministration ministrant-gk mystery administer ministerial minestrone-gs
administrator minstrel FDA-gk
administration minstrelsy
minister (v.)
minister ( n .) ministry
The Minister's Black Veil-LE
The Lay of the Last Minstrel-LE
Minstrelsy of the Scottish Border-LE
Ministro, ministrare, ministravi, ministratum - to serve, act as a servant \{minist, minstr\}

\footnotetext{
\({ }^{1}\) Although destruction was imminent, the 'threatening' situation 'projecting' over everyone's heads was somewhat mitigated by a peremptory order to evacuate immediately. \({ }^{2}\) Via Latin prominere, 'to jut out;' influenced by Mons, montis, p. 232. \({ }^{3}\) Medieval illuminated manuscripts were often illustrated with 'very small' paintings. \({ }^{4}\) One's métier is the work, or 'service,' in which one specializes.
}
```

                minute }\mp@subsup{}{}{1}\mathrm{ hand minor suit-sp
                    minus (prep.) minor party-ps
                minus (n.) minor scale-mu
                        minor (n.) meno mosso-mu
                            minor (adj.) minuteman-ms/h
                            minority comminute-gk
                                diminuendo-mu
                minim-gk/mu
                    minuet-mu/d
            mincemeat-gs
                    minuend-M minish
                    minimus-an/fl
                    labia minora-an minutissim
                    minutes-gk
                    Miocene-p minutissimic
    diminished
            minutia diminished returns-$
                                minutiae minimalism-a/mu
                                minimifidianism-gk
                            Hippias Minor-\Phi
        minimally invasive surgery-md
                                    menu-driven-CS
                    minimalize
                    minimally minor premise-\Phi
                        minimization
                        mince (v.)
                        minuscule
                    diminishment
                    minuteness diminution
                    undiminished diminutive
            Minor, minus - smaller, lesser, younger, less
    Minuo, minuere, minui, minutum - to lessen, make smaller
            Minuta-small in size or amount
                    Minimum - smallest, least
                        Meion-less, lessor
                    amenable }\mp@subsup{}{}{4}\mathrm{ amenability
    ```

```

    menace (v.) minatory minant
        menace (n.) minacious minitant
        menacing comminate-r
            menacingly
                                    misdemeanor
                                demeanor }\mp@subsup{}{}{5
                    demean demeaned
    Minor, minari, minatus sum - to threaten, drive cattle
                Minae - threats {mean, men}
    Promino, prominare - to drive forward (with shouts) {promen}

```
\({ }^{1}\) The minute hand of the clock tracks the 'lesser' or 'smaller' division of time than the hour hand, that is, 'onesixtieth' of an hour. \({ }^{2}\) Diners were often offered a full 'family-style' dinner or full-course meal at hotels, and those not wishing to thus dine could order items from a 'smaller' list, or menu; now the menu lists most things a restaurant offers. \({ }^{4}\) If one finds a situation amenable to one's tastes, one finds it far from 'theatening,' hence one can be easily 'driven' to it. \({ }^{5}\) One's demeanor is how one conducts or 'drives' oneself.


Miror, mirari, miratus sum - to wonder at, be amazed at, admire Miraculum - marvel, amazing circumstance \{miracl\} Mirabilis - miraculous, marvelous \{marvel\}


\section*{Misceo, miscere, miscui, mixtum - to blend, mingle, mix \{meddll, medl, mel\}}


\section*{Miser - wretched}

\footnotetext{
\({ }^{1}\) Latin for 'she (who) is to be admired.' \({ }^{2} \mathrm{~A}\) miser is 'wretched' because of his avaricious lifestyle. \({ }^{3} \mathrm{To}\) commiserate with someone is etymologically to 'be wretched with' them.
}


Mitto, mittere, misi, missum - to send, abandon \{mess, mit, muss\} Committo, committere, commisi, commissum - to pledge, join, send together Permitto, permittere, permisi, permission-to allow to do, send through
\({ }^{1} \mathrm{~A}\) promise is words 'sent forth' in trust. \({ }^{2} \mathrm{~A}\) compromise is concessions 'sent forth together' between two people to come to a mutual agreement. \({ }^{3} \mathrm{~A}\) surmise is a guess 'sent over' available evidence.


\section*{Modus - measure, method, manner, way, rhythm, moderation Moderor, moderari, moderatus sum - to guide, restrain, temper, regulate Modestus - temperate, restrained, unassuming \\ Modulus - standard measurement unit, small measure \{mold\} Commodus - suitable, convenient, desirable, agreeable, useful}

\footnotetext{
\({ }^{1} \mathrm{~A}\) 'small measure' representing a larger object. \({ }^{2} \mathrm{~A}\) mold is a 'model' that surrounds something to be formed. \({ }^{3}\) The name Quasimodo, a character in Victor Hugo's The Hunchback of Notre Dame, means something like 'part-way' human since he is hunchbacked and inordinately reclusive. \({ }^{4} \mathrm{~A}\) commodity is a 'useful' or 'convenient' substance or article, such as soybeans or gold, that can be refashioned into a 'desirable' commercial product.
}
```

                demolish }\mp@subsup{}{}{1}\mathrm{ mole-CH/gk
    demolished
demolition
molecule}\mp@subsup{}{}{2}\mathrm{ molar (adj.)-CH
molecular molarity-CH
molest molal-CH
molestation molality-CH
molested millimole-CH
unmolested demolition derby-sp
mole }\mp@subsup{}{}{3}\mathrm{ molecular formula
organic molecules molecular weight
inorganic molecules

```

\section*{Moles - heap, mass, disturbance \({ }^{4}\) Molestus - troublesome}
\begin{tabular}{|c|}
\hline  \\
\hline \begin{tabular}{l}
Mollis - soft \{moil\} \\
Molluscus-thin-shelled nut \\
Malakos (Gr.) - soft \{malac\}
\end{tabular} \\
\hline
\end{tabular}
\({ }^{1}\) To demolish a building is to level its 'mass,' or 'take away its mass.' \({ }^{2}\) A molecule is etymologically a 'little heap' of two or more atoms that forms a substance, such as NaCl or \(\mathrm{H}_{2} \mathrm{O} .{ }^{3} \mathrm{~A}\) mole of atoms consists of a 'heap' of \(6.02 \times 10^{23}\) particles of that atom, also called Avogadro's number. \({ }^{4}\) The semantic connection lies in the idea that a 'mass' or throng of people can quickly lead to a disturbance. \({ }^{5} \mathrm{~A}\) mollusk is a 'soft' animal within its shell, much like a nut is the 'soft' part within its shell. \({ }^{6} \mathrm{From}\) the Latin bonus, 'good,' and malacia, 'calm sea,' via Spanish bonanza, 'calm sea weather, tranquility.' \({ }^{7}\) One etymologically 'softens' one's hands by getting them 'wet,' and thus 'soiled,' as one 'toils' or is involved in 'turmoil;' please don't blame the author, as he did not make up this convoluted language.
```

                molar (n.) immolate ormolu-gk
    mill (n.)
        miller
            immolation mole-md molendinarious
        millstone mola-Bz molendinary
                sawmill moulin-g
                    windmill gristmill-gk
                        meunière-gs
                molendinar-gk/dt
                    molendinaceous-Bb
                    Miller's Tale-LE
                    tilting at windmills-v
                    The Mill on the Floss-LE
            A Descent into the Maelstrom-LE
            amylose-CH amylopsin-BCM amyloplast-Bb
                amylolysis-BCM amyloidosis-md amylopectin-CH
    ```

Molo, molere, molui, molitum - to grind (in a mill) \{mill\} Immolo, immolare, immolavi, immolatum - to sacrifice, prepare a sacrifice by sprinkling with milled grain
Amylum - starch, fine meal \{amylo-\}

\author{
monument \({ }^{2}\) admonish \\ Washington Monument admonition monstrum \\ baby monitor admonitory \\ monster (adj.) premonition contra-remonstrant-gk monstrification monster \({ }^{4}\) (n.) monstrosity monition monstriferous monstricide monstrous monumental monish QED-fl premonish green-eyed monster summons (n.) remonstrate Monument Mountain-LE commonition summon \(^{3}\) (v.) monitor (n.) monumentalize The Monster-LE summoning admonishment remonstrance summoner-h \\ Loch Ness Monster monitor (v.) remonstrant summonsed-1 \\ Lake Champlain Monster premonitory monitor-CS \\ monstrousness muster (v.) monitor lizard-Bz demonstrator muster roll-ms \\ demonstrant demonstrate quod erat demonstrandum-fl demonstration demonstrative pronoun-gr \\ demonstrative monstrance-r Summoner's Tale-LE monstrance-r \\ monitory muster (n.) Remonstrant-h/r \\ monumental history-h \\ The Sleep of Reason Produces Monsters-a
}

> Moneo, monere, monui, monitum - to warn, advise, remind Monstro, monstrare, monstravi, monstratum - to show, point out, teach \(\{\) must \(\}\) Monstrum \({ }^{4}\) - monster, portent \{monst\}

\footnotetext{
\({ }^{1}\) From the Latin emolumentum, the 'compensation' that millers demanded for the 'grinding' of grain. \({ }^{2} \mathrm{~A}\) monument is a visible 'reminder' of a person or an historical event. \({ }^{3} \mathrm{From}\) the Latin summonere, 'to remind in private.' \({ }^{4} \mathrm{~A}\) monster was originally a 'portent,' or indication of impending doom (hence the connection with 'warning'); later a monster became a visible symbol or manifestation (hence the relation with 'showing') of the doom itself.
}

\[
\text { Mons, montis - mountain, hill \{mount\} }
\]

\footnotetext{
\({ }^{1}\) The connection with a 'mountain' and mounting, or getting on, for example, a donkey, is that you must 'climb' both to get to the top. \({ }^{2}\) The word amount comes from the Latin ad montem, 'to the hill;' one can think of an amount as that which metaphorically must be added 'to the hill,' for instance, of money, to purchase something. \({ }^{3}\) The 'Green Mountain' state. \({ }^{4}\) One surmounts a problem by etymologically going 'over the mountain.' \({ }^{5}\) Influenced by Mons; also see Minere, p. 225. \({ }^{6}\) From Rodomont, a braggart in Ariosto's Orlando Furioso; his name means 'roller-away of mountains.' \({ }^{7}\) A mountebank was a clever 'charlatan' who would 'mount a bench' so that a crowd would gather round, at which point he would hawk nostrums or snake oil, employing a 'toady' who would eat a toad (once considered poisonous), drink the purported wonder panacea, and declare himself cured; great sales of the mountebank's miraculous concoction would then follow.
}
```

                    morbus-md
                    morbific-md
                    cholera morbus-md
                    collywobbles-md morbiferal
        morbid morbidezza-a/mu morbous
        morbidly morbidity morbiferous-md
                        morbilli-md
                    morbillary-md
                    morbillous-md
                    morbilliform-md
                            morbility-md
                    morbus gallicus-md
                    Morbus-disease
    |  | mordacious |  |  |
| :---: | :---: | :---: | :---: |
|  | morsel <br> remorse | mordacity <br> mordant |  |
| remorseful <br> remorseless <br> remorselessness | mordancypremorse-B | remord <br> mordent-mu | morsure |
|  | Mordellidae-Bz <br> mordant-a/CH <br> Remorse-LE | remordent |  |

```

Mordeo, mordere, momordi, morsum - to bite, hurt, distress
```

moratorium commoration
demurely demur remora-Bz
demure }\mp@subsup{}{}{2}\mathrm{ moratory remorid-Bz
demurrable mora-LE
sine mora-fl
demurrage-gk

```
Moror, morari, moratus sum - to delay, stay behind \{mur\}


\section*{Mos, moris - custom, habit, manner, humor}
\({ }^{1}\) Mortgage etymologically means 'dead pledge;' if a 'mortgagor' fails in his 'pledge' to pay off a mortgage, the property then becomes forfeit, or 'dead' to him, and he can no longer live at the property. \({ }^{2}\) Georgina was so mortified when her boyfriend saw her wigless that she almost 'died' of embarrassment. \({ }^{3}\) The greeting of the Roman gladiators to the presenter of the games in the Colosseum: 'We who are about to die salute you.' \({ }^{4}\) From the Latin morosus, 'hard to please, peevish;' hence, acting in a sullen 'manner' or gloomy 'humor' due to untoward persnicketiness (pernicketiness).
```

            unmoved promotive promote women's movement-so terremotive
                    unmovable promoter men's movement-so motitation
            remover promotion mobot-s amotion
                    emotion l}\mp@subsup{}{}{1}\mathrm{ locomotion motatorious-Bz
                    emotionally locomote emotive theory-\Phi/LE
                        emotionless demote emotive emotionalism-gk
        emotional demoted motile Chaos Motivation-ed
            unemotional locomotive (adj.) commove emoticon-gk
            locomotive (n.) demotion motility mobiliary-gk/ms
                motion (n.) commotion motivic-mu
                    motion (v.) removed (adj.)
                    remote (adj.) mobocracy-ps
                        moto-mu
                    motioned
                    motionless mobile (adj.) motivity-gk
            motioning mobility immotile mosso-mu
        mob (n.) immobile leitmotif motoneuron-an
        mob (v.) remotely nonmotile motocross-sp
            mobbish remoteness motor cortex-an
                mobbing momentous art mobilier-a
            mobbed immobility moto perpetuo-fl
            mobile (n.) mobilize Brownian motion-CH
                motor (v.) mobilization émeute-fl
                motor (n.) immobilize Primum Mobile-\Phi/r
                    motorist motif}\mp@subsup{}{}{2}\mathrm{ motosensitive-an
                        moment immobilization motorcade-gk
                        motel mobilized mobilism-g
                    move (n.) immobilized motile-B/PS
                    move (v.) momentum Immotum Mobile-Ф
                    mover momentary motivic-mu
            movable momentarily Mutiny on the Bounty-LE
        immovable motivated The Motive for Metaphor-LE
                movement motivate move the goalposts-gk
                movie motivation move-in condition-gk
                moviegoer motivator electromotive-s
                        remove unmotivated motive (adj.)
                    removal
                                    motive (n.)
                                    moving (adj.)
        removable irremovable
        motorcycle automotive mobster
    motorboat motorcyclist motorcar
automobile movies mover and shaker motiveless
moviemaker motorize emote
motor mouth
motion picture
mob rule
motion sickness
mobile phone irremovably
motor home
remote (n.)
motor vehicle
motorbike
remote control
motor scooter
moment of truth
perpetual motion machine
Moveo, movere, movi, motum - to move
Mobilis-quick, active, inconstant {mob}
Momentum - movement, instant of time, influence

```

\footnotetext{
\({ }^{1}\) Brynna was so strongly 'moved' by the performance of Hamlet that her emotions were running high. \({ }^{2} \mathrm{~A}\) motif, or 'recurrent theme,' etymologically 'moves about' a musical or literary work. \({ }^{3}\) Contraction of movimentum.
}
multivitamin multipartite multiple sclerosis multiracial multidimensional multiplication sign multicultural multiplicative multiple-choice multitude multiplex multimillionaire multitudinous multivalent multiply multilingual multiflorous- Bb multiplication multiple multipronged multi-gym-sp multicolored multinational multiparous-md
multiracial
multifaceted
multiform
multilingual multivoltine-Bz
multiplicity multiversity-ed
multilayered molto-mu
multimedia multilocal-gk
multilateral multicropping-ag
multiculturalism molto con brio-mu
multifarious multiplet-PH
multienzyme-BCM
multigrade-gk
multiplier-M
multiplicand-M
multiple allele-BCM
multicellular-B
multiphoton-PH
multiculti-gk
multiple personality-PS
multiple regression-M
multiple myeloma-md

Multus - much \{molt, multi-\}
Multi-many
\begin{tabular}{cc} 
mundane & mundivagant \\
mundicidious \\
mundanity & demimonde-fl \\
ultramundane & haut monde-fs \\
beau monde-fl \\
demimondaine-fl \\
stupor mundi-fl \\
supermundane-gk \\
intermundane-gk & intermundium-gk \\
memundane-gk & antemundane-gk \\
Salut au Monde-LE & mundus imaginalis- \(\Phi\)
\end{tabular}

Sic transit gloria mundi-fl

Mundus - world
```

                                    AIDS-md
                    HIV-I-md
    | HIV-I-md | munerary |
| :--- | :---: |
| SIV-vt | munerate |
| CATV-gk | muneral |

        municipality municipal }\mp@subsup{}{}{1
            munificent
        common munificence
        uncommonly munificently
            commonly remunerate
                commoner remuneration
        uncommon remunerative
            common sense commonality
    community commonsense commonweal immunosuppression-md
    communicate commonplace excommunicate immunofluorescence-md
communication communicative Common Sense-LE
common cold uncommunicative commons-gk
communism immune commonage-ag
Communist immunity commonalty-gk
commune (n.) immunize
communicator immunization communicant-r
community center incommunicado communicology-lg/s
community college communicable Communion-r
community service communal communiqué-fl
common denominator incommunicable immune response-md
communistic incommunicability immunodeficiency-md
communicant immunology-md
commune (v.) excommunication-r
communion excommunicate-r
commonwealth common carrier-\$
common pleas-1
common stock-\$
immunoprophylaxis-md
immunohematology-md
immunohistology-md
immunopharmacology-md
immunocompromised-md
immunocytochemistry-BCM
immunoelectrophoresis-s
Commonwealth of Independent States-ge

```

> Munus, muneris-duty, function, gift, public service, public show Communis -common, public, general \({ }^{2}\) \{common\} Immunis -free from, exempt \{immuno-\}

\footnotetext{
\({ }^{1}\) See note 3, p. 47. \({ }^{2}\) See also the Communis tree, p. 72.
}

Murus - wall
\begin{tabular}{|c|c|}
\hline \multicolumn{2}{|r|}{musculus suspensorius duodeni-an musculus incisivus inferior-an} \\
\hline \multicolumn{2}{|r|}{musculus incisivus superior-an} \\
\hline \multicolumn{2}{|l|}{mouse musculo-phrenic artery-an} \\
\hline muscle (n.) & .) musculi pubo-vesicalis-an \\
\hline muscles & es musculi pectinati-an \\
\hline muscly & muscularis mucosae-an \\
\hline \multicolumn{2}{|l|}{mousetrap musculi papillares-an muriphobia} \\
\hline mouser & muscle (v.) mousy mussel-Bz \\
\hline musclebound & nd muscling musculature-an \\
\hline muscleman & \multirow[t]{2}{*}{muscular dystrophy inframuscular-an muscular fieldmouse-Bz} \\
\hline & \\
\hline \multicolumn{2}{|r|}{muscular system volemouse-Bz} \\
\hline \multicolumn{2}{|r|}{muscularity murine-gk/Bz} \\
\hline \multicolumn{2}{|r|}{Muridae-Bz} \\
\hline \multicolumn{2}{|r|}{musteline-Bz} \\
\hline \multicolumn{2}{|r|}{Mussaurus-p} \\
\hline \multicolumn{2}{|r|}{Mouse's Nest-LE} \\
\hline \multicolumn{2}{|r|}{musculoskeletal-an} \\
\hline \multicolumn{2}{|r|}{\multirow[t]{2}{*}{Town Mouse and Country Mouse-LE
dystonia musculorum deformans-md}} \\
\hline & \\
\hline \multicolumn{2}{|r|}{Mus, muris - mouse \{mous\}} \\
\hline \multicolumn{2}{|l|}{Musculus - small rodent, muscle \({ }^{\mathbf{1}}\), mussel \({ }^{\mathbf{2}}\) \{muscl, muss\}} \\
\hline
\end{tabular}

\footnotetext{
\({ }^{1}\) Certain rippling body muscles can remind one of the shape and movement of a 'mouse.' \({ }^{2}\) A sea mussel was, when named, thought to resemble a 'mouse' in some aspects, such as color and shape.
}
```

                    mutable commute (v.)
                    mutability
                    immutable
                immutability
                mutual
            mutually
            commuter }\mp@subsup{}{}{1}\mathrm{ mutuality
        commute (n.) mutate
        commute (v.) mutated
    mutation
mutational
mutant
mutative
commutation
commutative
commutable mews-gk
moult mew (n.)-gk
molt mew (v.)-gk/Bz
permute
muta-mu
Mutabilia-Bz
mutafacient-B
mutagen-B mentimutation
mutagenesis-B remuda-gk
mutationism-B
mutase-BCM
permutation mutator gene-BCM
transmute dismutation-CH/BCM
transmutation dismutase-BCM
immutably mutatis mutandis-fl
commutative property mutato nomine-fl
mutual fund-\$
commutate-s
mutualism-B
commutator-s/M
telecommute-gk
mutarotase-BCM
Mutability-LE
Our Mutual Friend-LE
Mutabilitie Cantos-LE
mutually exclusive-gk
noncommutative geometry-M

```

Muto, mutare, mutavi, mutatum - to change, alter Mutuus - in return, done in exchange, borrowed, reciprocal

\section*{2: Z Intin}
```

    narratee-LE
        narrativity-LE
        narratology-LE
    narrate narrante-mu innarrable
narrator narratage-f/a
narration narrative verse-LE
narrative (n.)
narrative (adj.)
narratable The Narrative of Arthur Gordon Pym, of Nantucket-LE
Narrative of the Life of Frederick Douglass-LE
omniscient narrator-LE
third-person narrator-LE
second-person narrator-LE
first-person narrator-LE

```

Narro, narrare, narravi, narratum - to tell, relate


Nascor, nasci, natus sum - to be born \{naiss\} Natio, nationis-a people, race, place of origin Nativus - acquired by birth, natural in origin \{naïv\} Natura-character, power which gives birth to the world

\footnotetext{
\({ }^{1}\) Keegan's innate talent to play soccer became apparent when, as a three-year old, his parents saw him dribble the ball skillfully the first time he tried: he had an 'inborn' ability to play the game. \({ }^{2}\) The phrase 'born yesterday' could describe a naïve person. \({ }^{3}\) Via Old French puisne, 'born later.'
}
```

            nasal nasal-lg/ms/an
            nasally postnasal drip-md
                            nasalize nasturtium-Bb
                            nasalization nasogastric-an
                                    nasopharynx-an
                                    naris-Bz/an nasion-an
                                    naricorn-an nariform-an
            nares-an nasofrontal-an
                            Nez Perce-gk/ap pince-nez-gk
            nasoantritis-md nasociliary-an nasolacrimal-an
                        nasolabial-an
                            nasoscope-md nasopalatine-an
                                    nasoturbinal-an
                            cavitas nasi-an nasus externus-an
                                    Nasus - nose {naso-}
                                    Naris - nostril
    ```

```

Navis - ship
Navigo, navigare, navigation, navigatum - to sail, steer a ship

```

\author{
nebule-at \\ nebulé-he \\ nebulosity-as \\ nebulous nebula-as/md \\ nebulosity nebulium-as/PH \\ nebular nebulize-md nebulochaotic \\ nebulizer-md nebulaphobia \\ Orion nebula-as nebulated \\ Crab nebula-as obnebulate \\ Ring nebula-as \\ Horsehead nebula-as \\ nebular hypothesis-as
}

\section*{Nebula-mist, cloud}
```

                                    nexusnexure
                                    unconnected
                    connectioninterconnected
                    connectedinterconnecting
                        connectannex (v.)annex (n.)-gk
                        disconnectannexationadnexa-an
    reconnected interconnectiblenexin-BCM
reconnectinterconnect
disconnectedinterconnectedness
connectednessinterconnectivity
connexion
connector
connective

```

\section*{Necto, nectere, nexi, nexum - to tie, bind}
\begin{tabular}{|c|c|c|c|c|}
\hline deny denial & \[
\] & \begin{tabular}{l}
abnegate \\
abnegation \\
negativity negativism negativistic ren \\
(v.) renege negl lect (n.) renege renegade runagate reneging negatively negotiate negotiation negotiable negligible
\end{tabular} & negatory-v ne negationist ive capability ive equity-\$ do-gk -fs & denegate ron-PH \\
\hline
\end{tabular}

Nego, negare, negavi, negatum - to deny, say not
Neque-not \{neg-\}
Denego, denegare, denegavi, denegatum - to say no


Neuter, neutra, neutrum - neither
\begin{tabular}{|c|c|}
\hline \multicolumn{2}{|r|}{nidify-Bz} \\
\hline nick \({ }^{4}\) (n.) niche & nidate-md \\
\hline nick (v.) inkling \({ }^{5}\) & nide-Bz \\
\hline nicked & nidus-Bz/md \\
\hline in the nick of time & eyas-sp \\
\hline nido-CH & nidicolous-Bz \\
\hline \multicolumn{2}{|c|}{nidifugous-Bz} \\
\hline Nidulites-p & dologist-Bz \\
\hline \multicolumn{2}{|c|}{Nidularia-Bb} \\
\hline \multicolumn{2}{|c|}{niche market-\$} \\
\hline \multicolumn{2}{|c|}{niche product-\$} \\
\hline
\end{tabular}

\section*{Nidus - nest}

\footnotetext{
\({ }^{1} \mathrm{~A}\) neutral person takes 'neither' side in a disagreement. \({ }^{2} \mathrm{~A}\) neutron has 'neither' a positive nor a negative charge. \({ }^{3}\) The neuter gender in grammar is 'neither' feminine nor masculine. \({ }^{4}\) Possibly derived from an alteration of 'niche,' which itself came from nidus; if so, it would etymologically mean something like a 'small nest,' or 'shallow cut' in something. 'Also a possible alteration of 'niche,' whose sense today means marginal 'hint;' if so, the 'hint' is etymologically likened to a small 'nest' or 'indentation' in something that gives it away, or in which one may find the 'egg' of the solution.
}

Niger-ge
Nigeria-ge
Niger-Congo-lg
nigrescent-gk
negritude-gk
Negrillo-gk
Negroid-ap
denigrate
denigration nigrosine-CH Negrotic

Negrophile-gk
nigella-Bb nigrofuscous-B
dénigrement-fl
nigrine-mn
Nigritian-ge
nigrometer-s nigrostriatal-an
Negritude-LE substantia nigra-an
streptonigrin-md Negretti-h
The Negro Speaks of Rivers-LE
Niger, nigra, nigrum - black \{Negr\}
annihilated
annihilate nihilism annihilation nihilist ex nihilo-fl
\begin{tabular}{cc} 
nil \begin{tabular}{c} 
nihilistic \\
nihility
\end{tabular} & \begin{tabular}{c} 
nihil debet-1 \\
nihil dicit-1
\end{tabular} \\
& \begin{tabular}{c} 
nihil habet-1 \\
nihilianism-r \\
nihil obstat-fl/r/a
\end{tabular} \\
\begin{tabular}{c} 
nihilism-PS \\
nilpotent-M \\
nihil-fl \\
postnihilist-LE \\
ccinaucinihilipilification \\
occinaucinihilipilificate
\end{tabular}
\end{tabular}
\[
\text { Nihil - nothing }\{\text { nil }\}
\]
nocible


Noceo, nocere, nocui, nocitum - to harm, commit an offense \{nuis\}
Nex, necis - death, murder, injury \{nic\}
Noxa - injury, hurt, damage
\({ }^{1}\) Someone innocent did 'no harm' to anyone. \({ }^{2}\) The word nuisance does not have the forceful, injurious denotation that it once had; now, it has become attenuated merely to mean 'annoying' or 'troubling.'


\footnotetext{
\({ }^{1}\) Etymologically 'condition of reversal of the knot:' the 'untying' or 'resolution' of the 'plot knot' at the end of a narrative. \({ }^{2} \mathrm{~A}\) noun is etymologically a 'name' for a person, place, or thing. \({ }^{3} \mathrm{~A}\) pronoun is simply a word, like ' I ' or 'she,' which stands 'forth for' or 'in place of' a 'noun.' 'The denominator 'denominates,' or 'names' the number of parts into which a whole is divided, such as the ' 4 ' in ' \(1 / 4\),' that is, ' 1 ' part out of the whole ' 4 .' \({ }^{5}\) Jesse James, whose 'name' is known to most, possesses great renown for his notorious acts of train robbery in the annals of the American West.
}


\section*{Nota-mark, sign, letter, word}
\({ }^{1}\) Etymologically, an umpire is a neutral official in a game, 'not equal' with either side; also see Par tree, p. 265. \({ }^{2}\) An enormous anaconda is 'outside' the customary 'standard' size. \({ }^{3}\) Enormity has nothing to do with great size, but rather with moral acts that are 'outside the standard or norm,' or extremely bad, evil, or flagitious; 'enormousness' is the noun form of 'enormous.' \({ }^{4} \mathrm{~A}\) word's connotation is the implied 'signs' that go 'with' its literal denotation: 'roses' are 'red flowers' (denotation) that connote love and romance, which are 'images' or 'signs' that are part and parcel 'with' roses.
```

                            nonary-M
                noonday
            November }\mp@subsup{}{}{1
            noon}\mp@subsup{}{}{2
            noontide
        noontime
            afternoon
                forenoon
                                nonamer-CH/BCM
                    novena-r
                    nuncheon-v nonan
                        nones-h
                nonuplet-md novenary-gk
                november-ms novendial
                    novemarticulate-Bz novennial-gk
                    nueve nonet-mu
                    neuf nonagon-M
                            nonillion-M
                            nonagesimal-M
                            nonane-CH
                            nonanol-CH
                    nonapeptide-BCM
                    novemdecillion-M
                        nonoxynol-9-md
                    nonanoic acid-CH
                            nonagenarian-gk
                    November Songs-LE
                    November Boughs-LE
                    Novem-nine {nov}
                    Nonus - ninth {nona-3},\mathrm{ noon}
    ```


Novus-new \{nouv\}
\({ }^{1}\) November was originally the ninth month of the Roman calendar, which began in March. \({ }^{2}\) Etymologically the 'ninth' hour; noon eventually evolved to refer to 'midday,' especially when the 'midday' meal was taken. \({ }^{3}\) This prefix can mean both 'ninth' and 'nine.' 'The word novel began its linguistic journey as a little new' story, or 'short story,' and evolved into meaning a 'new' prose story; a 'novella' is a short novel.
```

                            equinox noctiluca-Bz
                    nocturnal
                    nocturnally
                            nocturn-r noctilucous
                            noctambulist noctilucine-BCM
                equinoctial noctiphobia-PS noctograph-gk
                        noctidiurnal-gk noctivagant-gk
                    nocturne-mu/a
                                    noctidial-gk
            Noctiluca-Bz noctuolent
                Noctuidae-Bz noctuary
                    noctule-Bz
                    Noctilio-Bz
                            noctovision-ms
                            nocturia-md
                    noctuid-Bz
                    pernoctation-r/gk
                    A Nocturnal Reverie-LE
                    Noctes Ambrosianae-LE
                    Nox, noctis-night {nocti-}
                            nubiferous-mt obnubilous
                obnubilate-gk
    nuance }\mp@subsup{}{}{1
nuanced
nuances
nubecula-md/as nubilous
nubilate-gk
nubia-fs
Nubes - cloud, haze

```
    nubile
        nubility
                        nuptial
                        nuptials
                            antenuptial nuptiality-so
                            prenuptial anuptaphobia-PS
                    postnuptial prenup-gk
                        connubial

Nubo, nubere, nupsi, nuptum - to marry, take a husband
            null (v.) nulliverse-gk
                                    annul null-space-M
                                    annulment null set-M nullus
    null (adj.) annulled nullipara-md nullibiety
    nullified nullity nulligravida-md nulliphobophobia
    nullifier nullities prelate nullius-r nullibist
                nullity null character-CS nullibicity
                        nullius juris-1 nullimitus
                        nullius filius-1 nullibiquitous
                        nullipore-Bb
                        nullifidian-r
                            Nullus-no, not any, none
\({ }^{1}\) As 'clouds' create 'shade,' so too does a nuance indicate a subtle 'shade' of meaning.


Nutrio, nutrire, nutrivi, nutritum - to nourish, foster, bring up, suckle \{nour, nurt \({ }^{3}\) \}
Nutrix, nutricis - wet nurse \{nurs\}
\({ }^{1}\) The numerator in a fraction tells the 'number' of parts of the whole: in the fraction ' \(1 / 4\),' the numerator is ' 1 ,' there being, in \(1 / 4\),' ' 1 ' part taken up from the whole ' \(4 .{ }^{2}{ }^{2} \mathrm{~A}\) 'messenger' must have an excellent ability to pronounce speech, or send speech 'forth' so that the 'message' is understandable, which is also the etymological idea behind enunciation. \({ }^{3}\) Metathesis.


Nucleus - center of a nut \{nucleo-\}

\section*{\(\mathfrak{O}\) : II atin}


Ob -to, toward, against, in the way
oblique drawing-a oblique fault-g
oblique (adj.) oblique angle-M
obliquity oblique coordinates-M obliquitous oblique triangle-M
oblique rhyme-LE oblique (n.)-gk
oblique (adj.)-M
Obliquus - slanting, sideways
\begin{tabular}{ccc}
\begin{tabular}{c} 
oblivion \\
oblivious \\
obliterate
\end{tabular} & \begin{tabular}{c} 
oubliette-gk \\
obliviscence-PS
\end{tabular} & \begin{tabular}{c} 
obliviate \\
oblivcent-PS \\
obliterated obliviscible-gk \\
obliviousness
\end{tabular}
\end{tabular}

Obliviscor, oblivisci, oblitus sum - to forget \{oblivi\}
\begin{tabular}{lcc} 
obscuration & chiaroscuro-a/LE & obscurify \\
obscure (adj.) & Obscure Destinies-LE & obscurancy \\
obscurity & Jude the Obscure-LE & obscurative \\
obscure (v.) & obscurely & obscurantism-gk \\
& obscurum per obscurius-fl
\end{tabular}

Obscurus - covered, dark
```

            octave-mu/LE octet-mu
            octave huitain-LE
        octopus octan fever-md octuple-M
        October }\mp@subsup{}{}{1}\mathrm{ octothorpe-gk octuplet-md
                octagon
                octagonal
                    Octagon-a/at
                                    octogenarian-gk
                    octogild-1 octillion-M
                    octavo-mu octopod-Bz
                            octopi octane-CH
                        huit Octans-as octonary-LE/gk
                        ocho octant-M/as octennial-gk
                        octad-gk
                                octuplication
                                    octapeptide-BCM
                                    octoploid-BCM
                                    octamerous-Bb
                                    octandrious-Bb
                                    octastyle-at
                                    yottahertz-s yoctosecond-s
                                octastich-LE octant-as
                    octateuch-LE octanol-CH
                    octodon-B octameter-LE
                    octylene-CH octahedron-M
                    octopoda-Bz octadecanol-CH
                    October-LE
                    octachord-mu
                            octaacetate-CH
                            octosyllabic-LE
                    Octo-eight {oct-}
                    Okto (Gr.) - eight {oct-, octa-, octo-}
            binoculars ocular oeillade-fl
            antlers}\mp@subsup{}{}{2
                        inoculate }\mp@subsup{}{}{4}\mathrm{ ullage-oe/gk
                ferocity atrocious }\mp@subsup{}{}{5}\mathrm{ monocle-gk
            ferocious }\mp@subsup{}{}{3}\mathrm{ inoculation pinochle-sp
        ferociously atrocity inveigle }\mp@subsup{}{}{6}\mathrm{ binocular vision-Bz
            ferociousness atrociousness oculist-md/s
                    trompe l'oeil-fl eyelet-gk
                        vestibulo-ocular reflex-md
                                coup d'oeil-fl
                            oculus-at/Bz interocular-md
            oculogyric crisis-md ocularium-h
            oculomotor nerve-an oculauditory-md
        ocularist-gk
                            oculiferous-Bz
                                    oculiform-Bz
                                    exoculation-gk
            oeil-de-boeuf-at oculus mundi-gm
            centoculated-my ocular cromolyn-md
                oculogyric-md oeil-de-perdrix-a/oe
                    Oculus - eye {oc, oeil}
    ```
\({ }^{1}\) October was originally the 'eighth' month of the Roman calendar. \({ }^{2}\) Via Latin anteoculare, 'to place before the
eyes,' an indication of the position of the antlers. \({ }^{3}\) See note \(1, \mathrm{p} .125 .{ }^{4}\) When a patient is inoculated, a tiny
'eye' is made with the needle 'in' his skin. \({ }^{5} \mathrm{To}\) act atrociously is etymologically to act by giving or casting the
'black eye.' 6Via Latin aboculus, 'without an eye,' via Old French aveugler, 'to blind.'
annoyingly


\section*{Oleo, olere, olui - to smell \\ Odor-smell}
oil (n.) olivine-mn
oil (v.) olivenite-mn
oily oilskin-gk
oleo
petroleum petrol
olive \({ }^{2}\)

Oill-LE
oleaginous petrolatum-CH olein-CH petrolic-s
olefin-CH linoleum-gk
olive oil oleic acid- \(\mathrm{CH} / \mathrm{gk}\)
oil slick olestra-CH oil well olein-CH OPEC Olea-Bb
olive tree argyrol-md oleomargarine oleic-CH
oil painting oleoresin- CH olive branch oleum-CH
oleometer-CH
oilcloth-gk
olefiant-CH
oleograph-a oleiferous-s centuries. \({ }^{2}\) From the olive is pressed a most marvelous and healthy cooking 'oil.'
omen (v.)


\section*{Omen, ominis - prophetic sign, augury}

\begin{tabular}{l} 
onus \\
onerous \\
exonerate \\
exoneration \\
exonerated
\end{tabular}
\begin{tabular}{c} 
onerative
\end{tabular}
\begin{tabular}{c} 
onerable \\
onerary
\end{tabular}

\section*{Onus, oneris - burden, load}


Operio, operire, operui, opertum - to cover over, shut, conceal Cooperio, cooperire, cooperui, coopertum - to conceal entirely \{cover, covert\}


Opto, optare, optavi, optatum - to wish, choose
Optimus - best \({ }^{4}\)


\[
\begin{aligned}
& \text { orbiculate-gk } \\
& \text { orbiter orb (v.) orbicular-Bb/gk } \\
& \text { orbit (v.) orb (n.) orbital velocity-PH } \\
& \text { orbit (n.) exorbitant }{ }^{4} \text { orbiteer-sp } \\
& \text { orbital exorbitance orbicule-g orbic } \\
& \text { orbicella-Bz exorbitantly orbicle } \\
& \text { orbicularis oris-an orbific } \\
& \text { orbital arch-an } \\
& \text { orbital electron-PH } \\
& \text { orbital fissure-an } \\
& \text { suborbital-an/s } \\
& \text { periorbital-an } \\
& \text { orbivirus-B } \\
& \text { orbitoides-p } \\
& \text { orbitolina-p } \\
& \text { orbitale-an } \\
& \text { orbitelous-Bz } \\
& \text { orbitolite-p } \\
& \text { orbitosphenoid-an }
\end{aligned}
\]
\({ }^{1}\) From the Latin to 'work with the hands' (as is 'maneuver'), describing the manual practice of spreading animal dung as fertilizer; also see Manus tree, p. 212. \({ }^{2}\) Dr. Porkenham's office is where he 'does his work;' see also Facio tree, pp. 115-117. \({ }^{3}\) To become inured to privation is to have successfully 'worked against' it. \({ }^{4} \mathrm{An}\) exorbitant price is 'outside the circle' of reasonableness.


Orior, oriri, ortus sum - to rise, begin, be born Origo, originis - beginning, coming into being
```

                adorn
                adornment
    ornament (n.) ornamentation
ornamental ornate
ornament (v.) ornately
born5 ornatrix-h
ornatrix-h exornation
subornation ornature
ornateness

```
        Orno, ornare, ornavi, ornatum - to decorate, beautify, arrange
    \({ }^{1}\) An inordinate demand is 'against the order' sanctioned by protocol. \({ }^{2}\) Ornery is a refashioning of 'ordinary,'
thus 'common,' hence 'base' or 'mean.' \({ }^{3}\) Since the Orient is in the eastern hemisphere, its name refers to the
place where the sun 'rises,' or 'is born.' \({ }^{4}\) To orient oneself once exclusively meant and today can mean 'to
position oneself by facing the east,' or where the sun 'rises.' \({ }^{5}\) To suborn etymologically is to 'arrange' in an
underhanded (sub-) fashion, or 'to bribe.'
oral
usher (v.) oration peroration


Os, oris - mouth, face
Oraculum - divine prophecy \{oracl\}
Oro, orare, oravi, oratum - to speak, plead, pray
Oscillum-little face \({ }^{5}\), swing
Osculum-kiss
Ostium - door \({ }^{6}\), mouth of a river \{ush\}
\begin{tabular}{cc} 
ossification & ossuary-ap/gk \\
osseous ossomancy \\
ossicle-an & ossifragous \\
ossific & ossifrage- Bz ossements \\
ossified & ossature-at/a \\
ossify & ossein-an \\
ossiculectomy-md
\end{tabular}

Os, ossis-bone
\({ }^{1}\) One of the duties of an usher is to act as an official doorkeeper, especially in courts of law and churches. \({ }^{2}\) Etymologically 'not able to be pleaded away,' that is, an inexorable event will happen no matter what anyone 'prays.' \({ }^{3}\) See note 6, p. 322. \({ }^{4}\) Ostia was the port city of ancient Rome, located at the 'mouth' of the river Tiber. \({ }^{5}\) Masks of Bacchus were used as 'swinging' amulets to protect grapes. \({ }^{6} \mathrm{~A}\) door is the 'mouth' of a building.
negotiate otiose otiant
negotiation otioseness
negotiator oty
negotiable
nonnegotiable
Of Negotiating-LE
Otium - leisure
Negotium - business
oval (n.)
oval (adj.)
ab ovo-fl
Oval Office
ovoid
ab ovo usque ad mala-fl
\begin{tabular}{|c|}
\hline ovoid \\
\hline oviform \\
\hline \multirow[t]{2}{*}{ovarian-an} \\
\hline \\
\hline O \\
\hline ovov \\
\hline \\
\hline ovarialgia-md \\
\hline ovispermary-Bz \\
\hline ovoglobulin-BCM \\
\hline ovology-B \\
\hline ovomucin-BCM \\
\hline ovovitellin-BCM \\
\hline
\end{tabular}
ovum-Bz
ovary-an
oviparous-Bz ovule-B oviferous-B ovolo-at ovicular-B
ovalbumin-Bz
ovariectomy-md ovariotomy-md oviduct-an
ovipositor-Bz ovotestis-Bz
ovalocyte-BCM
ovalocytosis-BCM
ovaritis-md ovula-Bz
ab ovo-LE
Oviraptor-p
oval window-an
ovarian cancer-md
ovals of Cassini-M

Ovum - egg \{ovi-, ovo-\}
\({ }^{1} \mathrm{~A}\) businesswoman is etymologically 'not at leisure' if she is negotiating.

\section*{暞: IZatin}


Paene-almost \{pen, pene\}
Penuria - lack, want
\(\left.\begin{array}{cc}\text { palace } & \begin{array}{c}\text { palatial } \\ \text { Palace of Versailles } \\ \text { Buckingham Palace }\end{array} \\ \text { paladin }{ }^{2} & \begin{array}{c}\text { palatine (adj.) } \\ \text { Palatine Hill-h }\end{array} \\ \text { palaceward-LE }\end{array}\right\}\)

\section*{Palatium - Palatine hill, Roman imperial residence \{palac, palazz\}}
```

    pale (adj.) pale-dry-gs
    paleness appall }\mp@subsup{}{}{3}\mathrm{ paleface-v
appalling pall (v.) pallescent-md
pallid palomino-Bz
pallor pallidofugal-md
pale (v.) Pale Fire-LE
globus pallidus-an
pallidiflorous-Bb
pallidipalpate-Bz
palliditarsate-Bz
pallidiventrate-Bz
pallidohypothalamic-an

```
Palleo, pallere, pallui - to be pale, fade \{pal\}
        Pallidus - pale, colorless

\footnotetext{
\({ }^{1}\) A peninsula is 'almost an island' because it is surrounded by water on three sides, not all four. \({ }^{2}\) A paladin was one of the Twelve Peers, or paragons of chivalry of Charlemagne's court, whose chief was 'Palatine.' \({ }^{3}\) Amanda was so appalled and dismayed at the child's treatment that she 'paled' and subsequently fainted.
}
palliate (adj.)-gk
palliate \(^{1}\) (v.) pall \({ }^{2}\) (n.) pallial-Bz/an pallion palliative pallium-h/r/Bz/an
pallial line-Bz
palliocardia-Bz
palliopedal-Bz
pallial nerve-Bz
pallial sinus-Bz
fabula palliata-LE
Palliobranchiata-Bz

Pallium -cloak


Palpo, palpare, palpavi, palpatum - to stroke, caress, touch
\({ }^{1}\) To palliate someone's fears is etymologically to spread a protective 'cloak' over them, thus relieving, or at least mitigating, them. \({ }^{2}\) The post-explosion pall 'cloaked' the city in a doomlike silence.


Pando, pandere, pandi, passum (pansum) - to spread out, extend, reveal Expando, expandere, expandi, expansum - to spread out \{spawn\} Passus-step, pace \(\left\{\mathrm{pac}^{2}\right\}\)

\footnotetext{
\({ }^{1}\) A difficult word history, but one can think of a compass as an instrument 'with' which one determines the direction one's 'paces' will proceed; the circular shape of the compass helps to understand the verb compass, as well as the word encompass. \({ }^{2}\) A good example of a Latin ' \(s\) ' shifting to an English 'c.' \({ }^{3}\) A password allows one to 'step' into a computer. \({ }^{4}\) The past is time having 'passed,' or those 'steps' already taken. \({ }^{5}\) To 'step over.'
}
home page
homepage
well-traveled compact (v.)
traveled compact (adj.) pale-he/gk
page (v.) compacted compact (n.)-gk
page (n.) dispatch (n.) despatch impacted-md
pole (n.)
impact (n.) palette \({ }^{2}\) ridgepole-gk impinge palisade paling-gk
pole (v.) pageant propagate Paganalia-h
pagan pageantry impale beyond the pale-v
peasant travail propagation poleaxe-ms travel \({ }^{1} \quad\) propagandize
traveling compactly
paxilla-Bz
peasantry compactness peel-gk
traveler propaganda spinto-mu pallet-gk paganism dispatch (v.) Peasants' Revolt-h
totem pole impact (v.) pawl-gk Gulliver's Travels propagandist Tales of a Traveller-LE A Backward Glance o'er Travel'd Roads-LE

Pango, pangere, pepigi, pactum - to fix, fasten, drive in \(\{\) patch, ping\}
Palus - stake fixed in the ground \(\{p o l\}\)
Trepalium - torture instrument with three stakes \{travail, travel \(\left.{ }^{1}\right\}\)
Pala-spade, shovel
Pagina-trellis to which a row of vines is fixed \(\left\{\mathrm{pag}^{3}\right\}\)
\(\mathrm{Pag}^{4}\) us - stick stuck in the ground as a landmark, country \{peas\}
Propagare, propagare, propagavi, propagatum - to reproduce, fix before

Panis - bread, food

\footnotetext{
\({ }^{1}\) The idea is that travel can be hard work, which causes some pain, which in turn 'torture' causes; the sense of 'torture' is more observable in the doublet of travel, 'travail:' one can certainly experience 'travail,' or 'tribulation,' while traveling. \({ }^{2}\) An artist's palette is 'blade-shaped' like a 'shovel.' \({ }^{3}\) Stem of 'page' (a book's 'page' is a row of words, like a 'trellis' is a row of stakes) and 'pageant,' the history of which is obscure, but which was most closely derived from the Middle English pagent, 'a stage for a mystery play.' \({ }^{4}\) Stem of 'pagan,' because a 'pagan' was from a 'country' village. \({ }^{5} \mathrm{~A}\) companion is etymologically someone 'with' whom one eats 'bread;' this idea runs throughout these derivatives. \({ }^{6}\) The morpheme 'pan' in appanage has the general sense of financial 'sustenance.' \({ }^{7}\) This is a great word, and means something like 'the condition of being bread.'
}


Pario, parere, peperi, partum - to give birth, produce, come to sight \{-parous, pear, per\}
Parens, parentis - parent
Repertorium - catalog \({ }^{3}\)

\footnotetext{
\({ }^{1}\) See note 1, p. 247. \({ }^{2}\) From the spurious belief that vipers 'gave birth' to 'live' young; see also Vivere tree, p. 422. \({ }^{3}\) Being a list of those works that have been prepared or 'produced' by an artist.
}


Paro, parare, paravi, paratum - to prepare, provide, obtain, make ready \{pair\}
Impero, imperare, imperavi, imperatum -to command, provide leadership \{emper, empir, empr\}
Separo, separare, separavi, separatum - to divide into parts, prepare apart \{sever\}
Vitupero, vituperare, vituperavi, vituperatum - to find fault with, criticize harshly, provide shortcomings for

\footnotetext{
\({ }^{1}\) See note 2, p 37. \({ }^{2}\) The original underlying idea was of a 'breastwork,' or 'chest-high' defensive wall 'made ready' against enemy assault; see also Pectus tree, p. \(271 .{ }^{3}\) To pare an apple is 'to prepare' it for eating. \({ }^{4}\) The idea is to take the proceedings from one bet and 'make' them 'ready' for the next.
}
 Pars, partis - part, division, section, side \{parc, pard\}
Partio, partire, partivi, partitum - to divide, distribute, take a part of Portio, portionis - part, share, division, ratio, proper degree

\footnotetext{
\({ }^{1}\) A party can be a political 'division' or a particular 'section' of society with whom one gathers. \({ }^{2}\) Apartments can be thought of as 'sectioned' off living spaces within a building. \({ }^{3} \mathrm{~A}\) parcel is a 'package' which contains a number of 'parts' within it. \({ }^{4}\) See note 5, p. 177. \({ }^{5} \mathrm{~A}\) participle 'seizes,' or is 'part' verb, 'part' adjective.
}


Pasco, pascere, pavi, pastum - to feed, graze, nurture
Pastor-shepherd
Pabulum-food (for nourishment and thought)

\[
\text { Pasta - dough, paste }\{\text { pat }\}
\]
\begin{tabular}{|c|c|c|}
\hline patent (adj.) & \begin{tabular}{l}
patent (v.) paella-gs \\
paten-r/gk
\end{tabular} & pate \\
\hline patent (adj.) & patently patency-B & pate \\
\hline \[
\begin{gathered}
\operatorname{pan}(\mathrm{n} .) \\
\operatorname{pan}(\mathrm{v} .)
\end{gathered}
\] & patent ( n .) & patulous-an/Bb patent office-gk \\
\hline & pancake & patency-B \\
\hline frying pan & patina & patentee-1 \\
\hline sauce pan & patented (adj.) & patentor-ps \\
\hline patency & patent amb & biguity-1 \\
\hline & patent medicine-md & \\
\hline & patent pending-gk & \\
\hline & patentoternate-Bb & \\
\hline
\end{tabular}

\section*{Pateo, patere, patui - to be open, be visible, be accessible Patane (Gr.) - plate, dish, something spread out \{pan, patin\}}
```

patriarch
père paternal Patroclus-my
padre paternity eupatrid-h
patriotically expatriate (v.) patrilineal patriotic expatriate (n.) compatriot
pattern (v.) repatriate (v.) patrician paternalism-ps
patriot repatriate (n.) patrimony patripotestal-gk opsipatria
patriotism patron patronymic Paternoster-r
pattern ${ }^{1}(\mathrm{n}$.$) patronize patronym patroclinous-BCM/B patrizate$
patronizing
padrone-so
patronage patrilineage paterfamilias-gk philopatridomania
perpetrate repair $^{3} \quad$ patria potestas-h
perpetrator ${ }^{2}$ patricentric patrico-r
patricide patriarchy patria-B
patroness patrimonial allopatric-B
patter ${ }^{4}$ sympatric-B patroon-h patriarchal patron saint-r patriotic front-ps patrilocal-ap
patrifocal-so goombah-v
patriciate-gk compadre-fl patrimony-\$/1
patriliny-s patriofelis-Bz patrioteer-so patristic-r
Dumas père-LE paternity leave-gk
pater patriae-fl patrogenesis-BCM
patripassianism-r patronomatology-s
New England Patriots-s

$$
\begin{gathered}
\text { Pater, patris - father \{padr, petr\} } \\
\text { Patria-fatherland } \\
\text { Patronus - guardian, protector \{pattern\}} \\
\text { Pater, patrou (Gr.) - father }
\end{gathered}
$$

```

\footnotetext{
\({ }^{1}\) When a 'patron' gave monetary support to an artist, he might also give an 'example' or pattern of the work he wanted the artist to perform for him. \({ }^{2}\) The perpetrator of a crime is etymologically the 'father' of it. \({ }^{3}\) Via Latin repatriare, 'to return to one's country;' one can repair to a mountain retreat, or one's special 'place.' \({ }^{4} \mathrm{From}\) the perfunctory performance of the Latin paternoster, the smug priest's incessant and mechanical patter bored us all to tears.
}
```

            impassivity passive-matrix-s perpession
            passive passive voice-gr
                    passivity impassioned crime passionel-fl
        impatient dispassionate impassible-gk
        impatiently compatible passible-gk
            impatience incompatible
    patient }\mp@subsup{}{}{1
compatibility
passional-r
passionflower-Bb
Passionist-r
Passion of Christ-r
Passion play-r
compassionate passive immunity-md
compassionately passive resistance-ps
passion }\mp@subsup{}{}{3}\mathrm{ passive transport-BCM
passionate satispassion-r
passionately passionato-mu
impassive Patience-LE/mu
Patient Grissil-LE
passive-aggressive-PS
A Passionate Pilgrim-LE
The Passionate Pilgrim-LE
The Passionate Man's Pilgrimage-LE
The Passionate Shepherd to his Love-LE

```

\section*{Patior, pati, passus sum - to suffer, endure, tolerate, experience}
poverty level impoverish


Pauper - poor, of small worth \{poor, pov\}


\section*{Pausa - pause, temporary halt \(\left\{\right.\) pos \(\left.^{5}\right\}\)}

\section*{Pauein (Gr.) - to stop, bring to an end}
\({ }^{1}\) One does 'endure' and 'suffer' to a degree when one patiently awaits something that seems to never come. \({ }^{2}\) To show true compassion is to 'suffer with' someone who is ailing. \({ }^{3}\) The underlying root of passion is a 'suffering' for one's beloved. \({ }^{4}\) A poser is a 'difficult problem' that 'stumps' one, or gives one 'pause.' \({ }^{5} \mathrm{Via}\) French poser, 'to put;' hence, a purpose is a goal 'put forth,' and a pose is a position in which one 'puts' oneself.

\begin{tabular}{cc} 
impeccably & peccavi-fl \\
impeccable & peccable-gk \\
peccadillo & peccant-gk \\
peccatophobia-PS & peccaminious \\
impeccant-gk & peccation
\end{tabular}

Pecco, peccare, peccavi, peccatum - to stumble, sin
\begin{tabular}{cc}
\multicolumn{2}{c}{ pec-v } \\
pectus-Bz \\
pectoral-an & genupectoral-gk \\
expectorant-md & peitrel-ms \\
expectorate-md & poitrel-ms \\
di petto-mu & parapet \({ }^{3}\) \\
in petto-fl & pectoral fin-Bz \\
pectoral girdle-Bz & pectoralis-an \\
pectoriloquy-md & Pectoralis major-an \\
Pectoralis minor-an & angina pectoris-md
\end{tabular}

Pectus, pectoris - chest

\footnotetext{
\({ }^{1}\) To pay is etymologically to make 'peace' with a merchant after receiving a product; we all know what happens when we do not pay our bills! ²Balboa was said to have discovered the Pacific on a 'peaceful' day, and named it accordingly. \({ }^{3}\) See note 2, p. 266.
}
```

                            pecuniary
                            impecunious pecunious
    peculiar
    peculiarity
peculate depeculation-\$
peculation pecorino-gs pecuny
peculium-h
peculium adventicium-h
pecudiculture-ag
royal peculiar-ps
Pecunia - money
Pecus, pecudis - livestock, farm animals
Peculium - one's own goods {pecul}
impair pejorative pejoration-lg/gk
impaired (n.) pejoratively
impaired (adj.)
impairing
impairment
unimpaired
pessimism
pessimist
pessimistic
pessimistically
Peior - worse {pair, pejor}
Pessimus - worst

```
```

                    repel
                        repeal interpellate-gk
                    repellent appulse-as/gk
                    repellant compellation-gk
                            repulsive
    push (n.) repulsion
    push (v.) repulse
pushy expel
pushover expulsion
pelt (v.) pulse (n.)
pelted pulsating
pelting pulsation
appeal }\mp@subsup{}{}{1
appealing
unappealing
rappel-sp
interpellation-gk
appellation
compel}\mp@subsup{}{}{2
compelled
compelling
compulsive
compulsion
compulsory
dispel
impel
impulse }\mp@subsup{}{}{3
impulsive
propel
propeller
propellant
propulsion pulsellum-Bz
propulsive push the envelope-v
peal (n.) Expulsion from Eden-a
peal (v.) repoussoir-a
pulse (v.) expulse-gk
pulsate jet-propelled-gk
propelled interpellant-ps
impulsion propeller-head-gk
impulsively pulsion diverticulum-md
impulsiveness

```
Pello, pellere, pepuli, pulsum - to push, strike, beat \{peal, pel, pelt,
                        push\}
Appello, appellare, appellavi, appellatum-to call upon, entreat \{appeal\}

\footnotetext{
\({ }^{1}\) All marketers try to make their products appealing so that people will be 'pushed towards' them or feel 'called upon' to purchase them. \({ }^{2}\) To 'thoroughly push.' \({ }^{3}\) Franfred's impulse to steal was so strong that he felt 'pushed into' doing it against his will.
}


Pendeo, pendere, pependi, pensum - to hang, weigh \{pois\} Penso, pensare, pensavi, pensatum - to weigh out, make up for Pondero, ponderare, ponderavi, ponderatum - to weigh, consider
\({ }^{1}\) An expensive item's price etymologically ‘outweighs' its worth, that is, it 'costs too much.' \({ }^{2}\) Via French pensée, 'thought;' poets have remarked that this flower seems 'weighed' down with thought, a great example of 'pathetic fallacy.' \({ }^{3}\) John considered Sue completely dependable because he was 'able to hang upon' her every promise. \({ }^{4}\) Via Latin expendere, 'to weigh, pay out;' to spend is etymologically to 'weigh out' money for a purchase. \({ }^{5}\) From the Latin pondus, 'weight.' \({ }^{6}\) Just as the appendix 'hangs upon' the large intestine, so too does one find an appendix 'hanging upon' the end of a book. 'The condition of 'not hanging upon' anyone or anything, in this case Britain. \({ }^{8}\) To 'weigh out' a stips, Latin for 'small payment.' \({ }^{9}\) To exhibit poise in a troubling situation is to 'hang' in there steadily, showing a certain amount of 'weight' so as not to be unduly moved or ruffled.
```

penetrate impenetrable
penetration penetrable
penetrating
penetrative
penetrometer-s
penetral-r

```

\section*{Penetro, penetrare, penetravi, penetratum - to pierce, gain entrance}
```

                                pin (v.)
                                pen (v.)
            pen }\mp@subsup{}{}{1}\mathrm{ (n.)
                    penknife pinafore-fs
    penmanship pennant pinnule-B
    pen name pennon panache }\mp@subsup{}{}{3}\mathrm{ pinion (n.)-Bz
pin}\mp@subsup{}{}{2}\mathrm{ (n.) pinnacle bipinnate-Bz
fountain pen pinion (v.) bipenniform-an
pennant pennigerous-Bz
hairpin penputer-CS
ninepins pencentric-CS
pincushion pinniped-Bz
pinhole Pinnipedia-Bz pennipotent
Pennaria-Bz penna-Bz
Pinnigrada-Bz pennaceous-Bz
pinnule-B pennate-B
penniferous-Bz pinnate-B
penninerved-Bb penne-gs
pinnigrade-Bz pinnatifid-Bb
pennales-Bb
pinnatiped-Bz
pinnatisect-Bb
pinna-B
pinnacle-at
empennage-ar
pennoncel-gk

```
                    Penna - feather, wing \(\{\) pen \(\}\)
                    Pinna-feather, wing \{pin\}
                Pinnaculum - little feather \{panach\}
```

Through
perspire
perfidious
peregrination
paramount
perspicacious
permeate
pernicious
perforate
per se
per diem-fl
per capita-fl
Thoroughly
pellucid
perceive
persuasive
perfervid
perfect }\mp@subsup{}{}{1
impermanent
persiflage
persistence
perplex
perturb
pertinacity
persecute
perfume
perform}\mp@subsup{}{}{2}\mathrm{ performance
pertussis-md
peroxidase-BCM

```
                    Per-through, thoroughly

            quadruped impeach \({ }^{4}\) pedigree \(^{5}\) cap-à-pie-fl pedetentous
            quadrupedal impediment revamp pied-à-terre-fl pedestrinus
                peon \(v a m p ~^{6}(\mathrm{v}\).\() pedate-B subpedital\)
                    pawn (n.) pedicel-Bb suppeditor
                    pioneering piepowder court-h
                impedance pie quebrado-LE bipedality- Bz
                    pioneer (v.) expeditio-LE peditastellus
                    impeachment capripede-my pedomancy
                        pedicab-gk Cirripedia-Bz pedway-gk
                        pediform-gk pedicab-gk pedipalp-Bz
                    catapedamania-PS pediluvium-gk petiole-B
                        peduncle-B/an/md suppedaneum-gk multiped-Bz
                pedal keyboard-mu sesquipedalian-gk multipede-Bz
                    pedal point-mu pedal ganglion- Bz pedaliter-mu
            pede window-at pedigerous- Bz impedimenta-fl
            The Pioneers-LE Pioneers! O Pioneers!-LE O Pioneers!-LE
                    Pes, pedis-foot \{pawn, peon, pied, pion\}
    Impedio, impedire, impedivi, impeditum - to hinder, entangle, obstruct
\({ }^{1}\) Something perfect is 'thoroughly done.' \({ }^{2}\) Not from, as one might expect, the Latin forma, but the French fournir, 'to furnish;' to perform is to 'thoroughly furnish' or 'supply' an action. \({ }^{3}\) To expedite a process is etymologically to 'free its feet' for 'unimpeded' proceeding. \({ }^{4}\) The impeached president was 'impeded' from doing his job any longer. \({ }^{5}\) The 'foot of a crane;' genealogical charts often contain lines that look remarkably similar to a 'crane's foot.' 'VVia Old French avantpié, 'in front of the foot;' one often must 'refurbish' shoes and stockings.
```

                        pest pestilence
            pesticide pestilential
    pestilent pestiferous rinderpest-vt
pestology-s
pesthouse-md
pestis-md
La peste-LE
pesthole-md
pest house-md

```

\section*{Pestis - pest, rascal, plague}


Peto, petere, petivi, petitum - to seek, attack, go for, chase, aim at, beg \{peat\} Impetus - impulse, effort, attack Propitius-pleasingly inclined, encouraging

\footnotetext{
\({ }^{1}\) When Archie was in one of his patented petulant moods, he would often irritably and insolently 'attack' others with sharp words. \({ }^{2}\) 'Seeking the center.'
}
\begin{tabular}{|c|c|}
\hline \multicolumn{2}{|l|}{(vick (v.)} \\
\hline \multicolumn{2}{|l|}{pick (n.)} \\
\hline picante sauce picayune (adj.) & picadillo-gs \\
\hline picky picaresque \({ }^{1}\) & picante-gs \\
\hline \multicolumn{2}{|l|}{\multirow[b]{2}{*}{picket (n.) pique (v.) picaro-gk/LE}} \\
\hline & \\
\hline \multicolumn{2}{|l|}{picket (v.) pique (n.) picaresque novel-LE} \\
\hline \multicolumn{2}{|l|}{pickup peckish picaroon-gk} \\
\hline \multicolumn{2}{|l|}{picketer piccata-gs} \\
\hline \multicolumn{2}{|l|}{picket line piquet-sp} \\
\hline \multicolumn{2}{|l|}{picket fence pico de gallo-gs} \\
\hline \multicolumn{2}{|l|}{pickup truck peckish-gk} \\
\hline \multicolumn{2}{|l|}{peck (v.)} \\
\hline \multicolumn{2}{|l|}{peck (n.)} \\
\hline pecking order & \\
\hline
\end{tabular}

Picco, piccare \({ }^{2}\), piccavi, piccatum - to pierce, prick \(\{\) peck, pick, piqu\}
compilatory pillar (v.)-at
compiled pillory (n.)-gk
\begin{tabular}{ccc} 
pile (n.) & pillar & pilaster-at \\
pile (v.) & compile & pillaret-at \\
pileup & compilation & pillory (v.)
\end{tabular}

Pila-pile, pillar \(\{\) pill \(\}\)
caterpillar \({ }^{3}\) horripilation-gk
plush pillage \({ }^{4}\) pilocarpine-md pilibezoar
plushness pillaged depilation-md
pluck (v.) pluck (n.)
peel (v.) plucky
piliated-Bz
peel (n.) piligerous-Bz pill-gk
peeled pilimiction-md
peeling pilosism-md
pilose-B
epilate-md
piliferous-B pileous-md pileolus- Bb piline- B
pileorhiza- Bb
pilidium-B
pileum-Bz
pileiform-Bb pileated woodpecker-Bz
pileate-Bz
pileus-B
pile-gk
piloerection-gk
piliferous-Bz
Pilus - hair \{pill, pluck, plush\}
Pilo, pilare, pilavi, pilatum - to pluck hair from, decorticate \{peel, pill\} Pileus-felt cap
\({ }^{1}\) Via Spanish picaro, 'rogue;' a 'rogue,' often a central character in a picaresque, 'pricks' or 'piques' society. \({ }^{2}\) A wonderful example of onomatopoeia. \({ }^{3}\) Etymologically a 'hairy cat' (cattus is Latin for 'cat'). \({ }^{4}\) Pillage comes from 'pill,' an obscure verb meaning 'to pluck;' hence, pillaging is 'plundering' or 'plucking' goods from others.
depict
paint (v.) depicted depiction
paint (n.)
painter painting pigment
pictorial
picturesque
picture (v.)
pictured sand painting
                    pigmented
pimento-gs Pict-h
pintado-Bz pinto-Bz
pinxit-a
pigmented
pigmentation picturesqueness pictograph-gk
picture (n.) picturesquely pictogram-gk pint \({ }^{1}\) Pictor-as picture window-at picturize-f pictura-Bz pixel-CS dry painting-a picture plane-a
picture element-CS
ut pictura poesis-LE/a
The Picture of Dorian Gray-LE

\section*{Pingo, pingere, pinxi, pictum - to paint, embellish, portray \{paint, pig, pint\}}
\begin{tabular}{cc} 
pipe (v.) & \(\operatorname{pipe}^{2}\) (n.) \\
pipe fitter-gk \\
piper & pipe wrench-gk \\
pipes & pipette (n.) \\
piping (n.) & pipette (v.) \\
piping & (adj.) \\
bagpipe & pipe cleaner-gk \\
hornpipe & pipe dream-gk \\
sandpiper & pipestone-gk \\
windpipe & Trans Alaska Pipeline \\
pipe organ & pipeline \\
Pied Piper
\end{tabular}

Pipo, pipare-to chirp, peep
piscivorous-Bz
pisciculture-s
piscatology-sp/l
piscary-sp

Piscis - fish \{pisci, pois\}
\({ }^{1}\) A pint used to be a 'painted' mark to indicate an (historically unknown) amount of a substance, and later became a standard measurement for 'half a quart.' \({ }^{2}\) 'Tube-shaped' instruments can imitate the 'chirping' of birds.


\section*{Pius - devoted, upright, faithful \\ Pietas - dutiful conduct, tenderness \{pit\} \\ Pio, piare, piavi, piatum - to cleanse, atone, propitiate a god}
complaisant
\begin{tabular}{cc} 
complacent \(^{3}\) \\
complacency complaisance & \\
pleasant & \begin{tabular}{c} 
beneplacit \\
complacently
\end{tabular} \\
pleasantly & plaisance \\
plea
\end{tabular}

Placeo, placere, placui, placitum - to please, suit, be acceptable \{plais, plea, pleas\}
Placo, placare, placavi, placatum - to calm, soothe, allay

\footnotetext{
\({ }^{1}\) The prefix \(e x\) - has an intensive force here, so a 'thorough atoning' for sins committed, with a subsequent return to 'piousness.' \({ }^{2}\) By mercifully giving a pittance, one shows 'tenderness' or 'pity' to the indigent. \({ }^{3}\) Complacent can mean one is so 'pleased with' oneself that one has become quite 'smug,' or can also mean 'complaisant,' or 'eager to please;' the first meaning is by far the one usually intended. \({ }^{4}\) One can think of a plea as a request that one hopes 'pleases' the person in power to grant it. \({ }^{5}\) Latin for 'I will please;' a placebo 'pleases' the patient psychologically, but has no direct physiological effect.
}


Plango, plangere, planxi, planctum - to strike, beat, mourn for \{plag, plain, plaint\}
Plessein, plexa, peplega (Gr.) - to beat, strike \{plect, -plegia\}


Planta - sole of the foot; plant, sprout \{clan, plan\}
Planto, plantare, plantavi, plantatum - to drive in with the sole of the foot, plant
\({ }^{1}\) Via Greek planktos, 'wandering,' a cognate of plessein (something 'wandering' is 'beat away'). \({ }^{2}\) One is suddenly 'stricken' by a 'stroke.' \({ }^{3} \mathrm{~A}\) plan is etymologically a 'scheme' that has been 'planted' and hopefully grows. \({ }^{4} V i a\) Old Irish cland, 'offspring;' the idea is of 'offspring' that 'sprouts' which helps the clan to grow.
```

            complanate-gk
            applanate-Bb
                        planilla-fl
                        unexplained plain vanilla-v
                        explain esplanade-gk
                        explanation
                                    aeroplane-gk
                                    pianoforte-mu
                                    pianissimo-mu
        self-explanatory planar
    plane (n.)}\underset{\mathrm{ airplane }}{
deplane
plain (adj.)
piano }\mp@subsup{}{}{2}\mathrm{ (n.) planometer-gk
pianist plane-gk planer-gk
plain (n.) planicipital-Bz planula-Bz
Great Plains planirostral-Bz hydroplane-gk
plainclothes piano assai-mu planesman-gk
plainclothes man pianologue-gk planigram-md
Plains Indian piano nobile-at planigraphy-md
plainspoken piano-violin-mu
plainly planimetry-s planation-g sagittal plane-an
plainness Planipennia-Bz
sea-plane plainchant-mu/r plainsong-mu/r planish-gk
piano (adj.) planicaudate-Bz picture plane-a planipetalous- }\textrm{Bb
llano-ge
planispiral-Bz planish-gk planarian-Bz
Planus - flat, calm, clear, straightforward {pian, plain}

```


Plaudo, plaudere, plausi, plausum - to applaud, clap, strike, beat \{plod, plos\} Plausibilis - probable to win applause \{plausibl\}
plenty plenist-gk
plentiful plenish-gk
aplenty plein air-a/fl

complete (v.)
complete (adj.)
completion


Pleo, plere - to fill, fill up \{plet \(\left.{ }^{3}\right\}\)
Compleo, complere, complevi, completum - to fill, to fill with deeds, make up, finish
Pleon, pleion (Gr.) - more \{pleo-, plio-\}
Pleistos - most

\footnotetext{
\({ }^{1}\) There was a plethora of candy in their pumpkins, which delighted the Switch Witch; n.b. plethora indicates 'too much' of something. \({ }^{2}\) The act of 'filling' someone 'with' praise. \({ }^{3}\) Morphemically the perfect passive participle of compound verbs of plere, such as complere (completum), deplere (depletum), etc.
}

```

pleat
pleated pliability pliancy replication supple suppleness
plica circularis-an
plicatile-Bz
plié-d
implicit function-M
replicatile-Bz
plexodont-d
plicato-lacunose-Bb
simple plicato-lobate-B
simpleminded plait-gk simplistic
simply
simplify
simplification
pleat-gk
plexiform-an semplice-mu oversimplify simplex-M/lg replica ${ }^{1}$
grand plié-d
Plectognathi-Bz
oversimplification multiplicate-B
exploit (v.) plectenchyma-Bb
applicable Plectomycetes-Bb
implicated epiploce-LE
explicit
explicitly
explicitness
implicit
implicitly
quintuple
sextuplets
complex fraction
complex variable
multiplicand
multiplicative identity compound-complex sentence
The Nymph's Reply to the Shepherd-LE

```

\section*{Plico, plicare, plicavi, plicatum - to fold, \\ bend, twine, coil \{pl, play, pleat, pli, plight, ploit, ply\} \\ Implico, implicare, implicavi, implicatum - to involve, intertwine, enfold \{employ\}}

Plecto, plectere, plexi, plexum - to weave, entwine
Simplex, simplicis - one-fold, plain, basic, naïve
Plektos (Gr.) - twisted \{plect, plecto-\}
\begin{tabular}{cccc} 
explorer \(^{2}\) & \begin{tabular}{c} 
exploratory \\
unexplored \\
explorative \\
explore imploringly
\end{tabular} & \begin{tabular}{c} 
pleurant-a \\
plore-gk
\end{tabular} & \begin{tabular}{c} 
champloration \\
plore-fleation
\end{tabular} \\
exploration deplore deplorably
\end{tabular}

Ploro, plorare, ploravi, ploratum - to weep over, wail, cry out \{pleur\} Exploro, explorare, exploravi, exploratum - to investigate, try out, put to the test
\({ }^{1}\) A replica of a coin is etymologically a 'folding again' of it to produce a 'copy.' \({ }^{2}\) An explorer is often 'put to the test,' which can cause her to 'cry out' in exasperation before the object of her quest is at long last realized.


Plumbum-lead \{plung\}
```

                                pluralize-gk
            plus }\mp@subsup{}{}{5}\mathrm{ pluralistic plurilingual-gk
    plural }\mp@subsup{}{}{6}\mathrm{ plurality pluralism-Ф/so
surplus nonplussed pluriaxial-Bb
nonplus pluricellular-BCM
e pluribus unum }\mp@subsup{}{}{8}\mathrm{ pluries-1
pluperfect-gr
ne plus ultra-fl
plurennial-gk
più-mu
plurel-M
pluriglandular-md
pluricipital-Bb
pluricuspid-dt
pluriflagellate-Bz plurilocular-Bz
plurifoliate-Bb pluripara-Bz
pluriguttulate- Bb
plurimammate-Bz
plurivalve-B
pluripresence-r
pluripotent-B pluris petitio-l plus fours-f plurisignation-LE overplus-gk

```

\section*{Plus, pluris - more}
\({ }^{1}\) Lead' was a common component of pipes until more modern times. \({ }^{2}\) When lead was used to 'plumb' the depths of water, it would plunge or 'forcefully enter' the water due to its density. \({ }^{3}\) Plummeting implies great speed, which implies great weight 'hurtling forth,' like heavy 'lead;' of course, unless there is air resistance, all objects fall at the same speed. Note that the notion of plummeting came first from 'plumbing' by using 'lead' to quickly sound the depths, as 'lead' sinks at great speed. \({ }^{4}\) Due to the weight of 'lead,' 'plumb' lines fall straight to the bottom, metaphorically holding their 'composure' or exhibiting 'poise' against buffeting waves. \({ }^{5}\) plus \(1=1\) 'more' than \(1 .{ }^{6}\) More' than one. \({ }^{7}\) Gilbert was so nonplussed by the baffling lecture on "the seasonal germination of gillyflowers" that he could mentally take 'no more.' \({ }^{8}\) 'One from many;' note that plus, pluris in the plural form means 'many' or 'very many.'
\begin{tabular}{|c|c|c|c|}
\hline \multirow[b]{5}{*}{impolite politely} & \multicolumn{2}{|l|}{polish polished in} & interpolate \({ }^{1}\) \\
\hline & \multicolumn{2}{|l|}{polishing unpolished int} & \\
\hline & \multicolumn{3}{|l|}{polite extrapolate interpolated} \\
\hline & extrapolation & interpolative & politesse-gk \\
\hline & extrapolated & extrapolative & polish off-v \\
\hline & \multicolumn{3}{|c|}{impolitely} \\
\hline & \multicolumn{3}{|c|}{politer} \\
\hline & \multicolumn{3}{|c|}{politest} \\
\hline & \multicolumn{3}{|c|}{politeness} \\
\hline & \multicolumn{3}{|c|}{impoliteness} \\
\hline
\end{tabular}

\title{
Polio, polire, polii, politum - to smooth, polish, refine
}

\author{
pome-Bb \\ pomaceous-ag \\ pomegranate pomace-gk \\ pommel (v.) pommel-gk \\ pummel \({ }^{2}\) pomegranate- \(\mathrm{Bb} / \mathrm{gk}\) \\ pomade-gk pomonic-gk \\ pomology-ag \\ pomiculture-ag \\ pomander-gk \\ pomme de terre-gs \\ pomme blanche-fl \\ pommé-he \\ Pomona-my \\ pomelo-gk \\ pomiferous-Bb \\ pomivorous-gk
}

\section*{Pomum - apple, fruit}
position (v.) deposit (v.) deposit (n.) deposited deposition exponential series-M position (n.) impose imposing expository exposure-h disponible preposition \({ }^{1}\) positioning expositor opposable-an dispositor opponent exposition apposition oppositifolious- Bb ponent oppose \(^{2}\) exposé expositive opponens-an malposed opposing opposition apposite contrapositive-Ф exponible opposite oppositional posturing posigrade-s exposure depose propound depone-1 infrapose exposed depository interpose impound depositum-r necroponent expose composed superposition dispositio-LE dispose discomposed reposition opposable thumb-an disposal composure reposit positivism- \({ }^{7}\) disposable discomposure contraposition logical positivism- \(\Phi\) positive \({ }^{3}\) depot posthaste positrino-PH positively discompose posit positron-PH post \({ }^{4}\) office disposition positronium-PH suppose \({ }^{5}\) disposed positum-Ф supposedly indisposed suppository-md supposing decompose supposal-Ф propose posture suppositum-Ф proposal impostor imposter suppositio materialis- \(\Phi\) reposition supposition supposititious-gk repositioned proposition compose \({ }^{6}\) proponent composer expound compost indisposition composting component postmaster composite postman composition post compound (adj.) postal compound (v.) USPS compounded imposition propositum-Ф propositus-s compositae-Bb provost-r punt-sp postilion-gk compound eye-Bz compound fracture-md compound interest-\$
impost-at/sp/\$ coherent superposition-PH depositor postpone postillion-gk outpost repository exponential equation-M pone-sp postage imposture imposable entrepôt-fl postmaster general expounder positive degree contrapposto-a interposition indispose disposer appose-gk predisposed predisposition exponent superposition-PH composedly decomposition appositive \({ }^{8}\) noun in apposition deponent verb-gr superpose supposed (adj.) compound sentence compound-complex sentence presuppose presupposed presupposition superposition transposition superimpose superimposed transpose repose (v.) juxtaposition juxtapose exponent exponential exponentially superposed positron emission tomography-md positive feedback-gk/s A Modest Proposal-LE

\title{
Pono, ponere, posui, positum - to put, place, set up, put down, specify \{pos, post, pound\}
}
\({ }^{1}\) Etymologically a word 'placed before' another word. \({ }^{2}\) To 'place against.' \({ }^{3}\) To be positive is to be so 'sure' about something that one can confidently 'put it down' in writing; this sense of 'certain or real existence' gave rise to the 'positive' number, which is a visible representation of things in the 'real' world as opposed to a negative number: one can see ' 3 ' oranges, but not ' -3 ' oranges. \({ }^{4}\) Via Italian posta, 'station;' in the early days of the 'postal' system, riders, such as members of the Pony Express, were 'placed' at 'stations' at regular intervals to carry mail. \({ }^{5}\) Via Latin supponere, 'to place under;' when one supposes something, one etymologically 'places it beneath or under' the realm of possibility. \({ }^{6}\) To 'put together.' \({ }^{7}\) 'Since one has 'thoroughly placed' oneself by exhibiting composure, one is 'not easily ruffled.' \({ }^{8}\) Simply a noun 'placed near' another noun.
```

    pontificate (v.) ponticello-mu
    pontificating ponticulus-an
    pontification propons-an
        pontifex-h/r
                pontiff-r
                    pontifical-r
                            pontine-an/gk
                pontoon-gk
                pontonier-gk
            in pontificalibus-r
        pontificalibus-gk punt-gk
            Pont l'Évêque-gs transpontine-gk/LE
            Pont du Gard-at pontocerebellar-an
                Ponte Vecchio-at pons Varolii-an Pontificial Mass-r
                pontic-dt/a pontal-gk pontage-gk pons asinorum-fl
                    Pons, pontis - bridge
                    Pontifex, pontificis - high priest'}\mp@subsup{}{}{\mathbf{1}
    ```

\({ }^{1}\) Pontifex etymologically means a 'maker of bridges:' as 'bridges' pave the way for travel, so too do 'high priests' (such as the pope) clear the way for a religion's adherents. \({ }^{2}\) When a book is published, it is made widely available for the 'people.' \({ }^{3}\) Via res publica, 'the body politic, the state;' also see note 2, p. 317 .
```

                            pork barrel-gk
                            porkchopper-gk
                            pork-barrel legislation-ps
                    porkchop porkpie-f
    porpoise }\mp@subsup{}{}{1
porcelain }\mp@subsup{}{}{2
pork porker-ag/v
porcupine }\mp@subsup{}{}{3}\mathrm{ porky-v
Porky Pig
Porcus-hog, pig {pork}

```


\section*{Porta-gate, entrance} Portus-harbor, port

\footnotetext{
\({ }^{1}\) A combination of the Latin porcus and piscis, or 'pig-fish;' the porpoise's snout may have inspired the name. \({ }^{2}\) Via the French porcelain, 'cowrie shell,' due to its 'china-like' sheen; apparently a 'pig's' back was thought to resemble such a shell. \({ }^{3}\) From the Latin porcus and spina, or 'spiny-pig.' \({ }^{4}\) The word opportunity comes from the Latin opportunus which described a good time for a ship to approach a 'harbor,' such as when the wind was blowing favorably. \({ }^{5}\) The stickybeak importuned me so relentlessly for information about the Hollywood marriage that I could find 'no harbor' to shelter me from her repeated entreaties.
}


Porto, portare, portavi, portatum - to carry

\footnotetext{
\({ }^{1}\) One wants to 'carry in' and tend to something important. \({ }^{2}\) Transportation is 'the act of carrying across' from one place to another. \({ }^{3} \mathrm{~A}\) reporter 'carries back' a story to tell. \({ }^{4}\) Short for 'disport,' etymologically to 'carry apart' or 'divert;' a sport therefore is a form of entertainment or diversion that 'carries' one away from everyday activities. \({ }^{5} \mathrm{How}\) one 'carries' or 'conducts' oneself. \({ }^{6}\) The prefix pur-is a variant of pro-, 'forth;' hence, a purported sighting of the Loch Ness Monster is one 'carried forth' as 'supposedly' having happened. \({ }^{7}\) Portly once referred to one's 'dignified bearing;' today it refers to one who 'carries' a good deal of weight.
}
```

                                    self-possessed
                                    self-possession parvipotent-gk
                                    repossession deipotent-gk
                                    powerlessly possessive adjective viripotent-gk
                                    powerless possessive pronoun prepotency-gk/BCM
            possessor potential energy potentate bellipotent-gk
            horsepower omnipotent posse }\mp@subsup{}{}{2}\mathrm{ plenipotentiary-ps/gk
        ASAP omnipotence prepossessing potestative condition-1
    power potent unprepossessing evoked potential-PS incompossible
        powerful
        potential prepossess potentiostat-CH
    possible empower prepossession ventripotent-gk cunctipotent
possibility empowerment puissance posse comitatus-gk
impossible potentiality puissant in posse-fl
impossibility impotent linguipotence-lg
possess impotence
possession possessive
possessed possessiveness possessive-gr
possibly dispossess potentiometer-s
powerfully dispossessed potentilla-Bb
repo potentially puisne-gk
high-powered pH }\mp@subsup{}{}{1}\mathrm{ potestas-lg/1
overpower totipotent-B
overpowered ignipotent-gk
overpowering patripotestal-gk
The Will to Power-\Phi
Possum, posse, potui - to be able, can {poss}

```
\begin{tabular}{cc} 
p.m. & \begin{tabular}{c} 
postdate \\
posterity
\end{tabular} \\
postwar & postscript
\end{tabular}
                        Post-after, behind, back
                Posterior-later, coming after

\footnotetext{
\({ }^{1}\) Potential of hydrogen. \({ }^{2}\) Short for posse comitatus, 'power of the county;' used for a group that a sheriff could form that 'was able' to enforce the law. \({ }^{3}\) Etymologically an oxymoronic 'before-after;' it is not hard to see how the meaning of 'absurd' evolved. \({ }^{4}\) Latin for 'after noon.' \({ }^{5}\) Latin for 'written after.'
}
```

                    poison ( }\mp@subsup{}{}{1}\mathrm{ (n.)
                    poisoned
        poisonous potable potation-gs
        potion
                                compotation-gs
            poison (v.) compotator-gs
            poisoner potophobia-PS potatory-gk
                                    potomania-gk
                    Poto, potare, potavi, potatum - to drink
                    Potio, potionis - drink {pois}
                        Poton (Gr.) - drink
    prefix precede prenatal-md
        preposition predisposed
                            prediction premeditate
                            prevention preposterous }\mp@subsup{}{}{2
                                    pregnancy prelude
                                    prepare preamble
                                    present preface
                                    presage
                                    premonition
                                    predilection
                    Prae-before, in front {pre-}
                            predatory
    bird of prey predator
    prey (n.) predation depredation predacean-Bz predal

| preying | spree $^{3}$ | depredatory <br> deprey (v.) |
| :---: | :---: | :---: |
|  | predacious |  |$\quad$| osprey-Bz |
| :---: |
| predatism-Bz |

Praeda - booty, spoils \{pred, prey\}

| preternatural <br> preternaturally <br> preterient-gk | preterite-gr |
| :---: | :---: |
| preterist-gk | preterlethal-gk <br> pretervection |
| pretermit-gk | preterlapsed |
| preterition $-1 / \mathrm{r} / \mathrm{gk}$ | pretergressiont |
| preterit-gr |  |
| pretermission-gk |  |
| preterpluperfect-gr |  |
| preterite-present-gr |  |

Praeter-past, by, beyond \{preter-\}

```

\footnotetext{
\({ }^{1}\) A poison is etymologically a 'drink.' \({ }^{2}\) See note 3, p. 292. \({ }^{3}\) The prospector went on an indulgent spending spree after he located the vast gold deposits of the Lost Dutchman's Mine.
}


\section*{Precor, precari, precatus sum - to pray, entreat \{pray\} Imprecor, imprecari, imprecatus sum - to curse \({ }^{2}\), call down evil upon}
\begin{tabular}{ccccc} 
apprehension & \\
apprehensive \\
apprehensiveness \\
apprehend \\
misapprehend \\
misapprehension \\
reprehensible
\end{tabular}

Prehendo, prehendere, prehendi, prehensum - to seize hold of, seize in the act, comprehend \{pregn, pren, prent, priev, pris, priz\}
Comprehendo, comprehendere, comprehendi, comprehensum-to learn, thoroughly grasp, master

\footnotetext{
\({ }^{1}\) Elizabeth's precarious hold upon the edge of the precipice induced her both to 'pray' and to curse. \({ }^{2} \mathrm{~A}\) 'prayer against' someone. \({ }^{3}\) To surprise is etymologically to 'seize from above' unawares. \({ }^{4}\) Claire was apprehensive about the upcoming murder trial, turning it over and over again in her fickle mind. \({ }^{5} \mathrm{~A}\) reprehensible act is one that must be etymologically 'seized again' and censured. \({ }^{6}\) An apprentice 'seizes' the knowledge of the master under which he works. \({ }^{7}\) An enterprise, often undertaken by an entrepreneur, is a 'seizing between' the hands to bring about a desired result.
}


\title{
Premo, premere, pressi, pressum - to press, exert force against, crush, overpower \{prim, print\} \\ Exprimo, exprimere, expressi, expressum - to press out, describe \{sprain \(\left.{ }^{3}\right\}\)
}

\footnotetext{
\({ }^{1}\) When one is impressed, a noticeable 'force' is 'exerted against' one. \({ }^{2}\) To reprimand someone is to 'reprove a questionable' act that should have been 'pressed back,' or 'repressed' in the first place. \({ }^{3}\) The connection is cloudy; perhaps, in a sprain, the muscle is 'pressed out' in the wrong direction.
}
price (v.) prize (v.) Pulitzer Prize Nobel Prize appreciate prize (n.) praise (n.) preciousness
appreciative praiseworthy
appreciation appreciate impretiable appreciating depreciate
\begin{tabular}{ccc}
\begin{tabular}{c} 
precious \\
price (n.)
\end{tabular} & \begin{tabular}{c} 
appreciation preciosity \\
depreciation
\end{tabular} & pretium affectionis-fl \\
pricey & appraise & prizefight-sp \\
priceless & appraisal & la préciosité-LE \\
priciness & appreciable & price-earnings ratio-\$ \\
price war dispraise & price index-\$ \\
prized dispraised & prix fixe-fl \\
praise (v.) & Prix de Rome-a
\end{tabular}

Pretium - value, worth, price \{prais, prec, pric, prix, priz\}
```

            primary (n.)
    primary (adj.)
primarily
M
M
M
M
crincess
crincess crincipal prima prima prima facie-l
princely prime (v.) primrose-Bb
primo primacy Princesse de Clèves-LE
prime number prim}\mp@subsup{}{}{1
prime time principally
primary school unprincipled
prime rib primordial principality-ps
princeps-h/gk
prime rate-\$
primer-ed/BCM/gk
M
prime matter-\Phi
prime meridian The Tragedy of Hamlet, Prince of Denmark primal scream therapy-PS
The Princess and the Pea primipara-md primigravida-md
La Primavera-a princeling-h
The Black Prince-h prim and proper-v
primo-mu
primordium-B
principal axis-PH
primaquine-CH
primary infection-md
primus inter pares-fl
prima donna prima facie-1
prime rate-\$
primitivism-a/LE
primogeniture-h primaveral
The Princess-LE
The Prince-LE
principal parts-g
principality-ps
Primum Mobile-\Phi
primus-r
imprimis-gk
primogenitor-gk
principle of duality-M
principal quantum number-PH
The Prime Minister-LE
Pericles, Prince of Tyre-LE
The Prince and the Pauper-LE
The Princess Casamassima-LE
Prince Hohenstiel-Schwangau-LE
The Prime of Miss Jean Brodie-LE
Primus - foremost, first, chief {prem}
Princeps, principis -chief, leader
Pristinus - belonging to times long ago
${ }^{1}$ The meaning evolved from 'foremost in conduct' to 'excellent in conduct' to 'excessively proper.'

```
```

priority
prior a priori-\Phi
prior to aprioristic-\Phi
prioritize prioress-r
prioritization prior-r
prioritizing priorship-r
priory-r
priorate-r
priorite-mn
prioristic-\Phi
nisi prius-1
prior restraint-gk
Prior Analytics-Ф
The Prioress's Tale-LE

```
                    Prior-former, previous, in front
                    private (adj.)
                            PFC-ms
    privilege \({ }^{1}\) (n.) privileged private (n.)-ms priviligentsia
privately underprivileged privation private enterprise-\$
    private school deprive privy (adj.) privateer-ms
    private eye deprived privatize privy council-gk
    privacy deprivation privity privatization-gk
        private investigator privilege (v.) privily privity-1
                            privatism-gk
                            privileged communication-gk/l

Privus-single, individual, without Privo, privare, privavi, privatum - to rob, prevent from having


Pro, pur-for, on behalf of, forward, forth, before, instead of
\({ }^{1}\) See note 1, p. 193.


\section*{Probo, probare, probavi, probatum - to prove, test, approve \(\left\{\right.\) proof \({ }^{3}\), prov\}}
proligerous-B
prolicide-gk
proletariat-so
proletarian-so
proliferous-B
prole-so
proligery-B \(\quad\) proletaneous
ation improlificate-Bz
olificacy opsiproligery-md
prolegeron-md
- offspring, progeny
e lowest class of citizens, vulgar Proletarius - of the lowest class of citizens, vulgar


\section*{Prope - near \{proach\}}

Proprius - nearer \{proach\}
\({ }^{1}\) Something probable is etymologically 'testable,' and thus 'likely.' \({ }^{2}\) The re-indicates a reversal of 'approved' status. \({ }^{3}\) Grimm's law describes the consonant 'b' shifting to 'f.' \({ }^{4}\) Via Old French reprochier, 'to upbraid;' to reproach someone is to bring him 'near again' to that which he has done wrong.
\begin{tabular}{cccc} 
& \begin{tabular}{c} 
impropriety \\
appropriate (v.) \\
appropriation
\end{tabular} & & appropriament
\end{tabular}

\section*{Proprius - one's own, personal, special, proper, fitting \{prop\}}

\author{
approximate (adj.) approximative approximation proximity proximate proximal-an/dt/PS approximate (v.) approximant-lg approximately proxemics-so proximo proximad-an \\ proxime accessit-fl \\ proximocephalic-an \\ proximobuccal-an \\ proximity fuse-ms
}

\section*{Proximus - nearest, next}
impudent
impudence pudendal-an
impudently repudiate pudency-gk repudiation \({ }^{1}\) pudendum-an
pudenda-an antipudic
pudendal-an pudendous
pudic-an
pudibund-gk
pudor-gk
pudicity-gk
impudicity-gk

\section*{Pudeo, pudere, pudui, puditum - to be ashamed \\ Impudens, impudentis - shameless}

\footnotetext{
\({ }^{1}\) Prince Tolbert's shameful conduct at the soiree earned the wastrel a vitriolic repudiation by the prim hoi polloi.
}
puerile


\section*{Puer-young boy, child}
```

pugnacity inexpugnable-ms/gk expugn
impugn propugnator-gk
repugnant }\mp@subsup{}{}{1}\mathrm{ pugilist poniard-gk propugnacle
repugnance pugilism pugil stick-ms
pugnaciously oppugn
repugn propugnation-gk

```
Pugno, pugnare, pugnavi, pugnatum - to fight, clash, be in conflict
                        Pugnus - fist
                            Pugil, pugilis - boxer
    pony
        poultry
            pool \(^{2}\) (v.)
                        poltroon \({ }^{3}\) pullulate- \(\mathrm{B} / \mathrm{gk}\)
                                pusillanimous pullus-Bz
                        pusillanimity Punch and Judy-LE
                                    Punchinello-LE/gk
                                poulard-ag pool-sp
                                    polecat-gk
                                    poulter's measure-LE
                                    pullorum disease-vt
            Pullus-young animal \{pol, pool, poul\}
                    Pusillus - tiny
\(\left.\begin{array}{cc}\text { pulmonate- } \mathrm{Bz} & \\
\text { pulmogastric-an } & \text { pulmonary-an } \\
\text { pulmograde-Bz } & \text { pulmonary artery-an } \\
\text { pulmonary vein-an }\end{array}\right\}\)\begin{tabular}{cc} 
Pulmonaria- Bb & pulmonary capillaries-an \\
pulmonia-md & pulmonate gastropod- Bz \\
pulmocutaneous-an \\
pulmonic-lg/Bz & pulmoniferous- Bz \\
Pulmonata-Bz & pulmometry-md \\
pulmonary plexus-an & Pulmonifera-Bz \\
pulmonocardiac-an & pulmotor-md
\end{tabular}

\section*{Pulmo, pulmonis - lung}
\({ }^{1}\) A repugnant smell 'fights back' against one's nose. \({ }^{2}\) One might think of pooling as the collecting or herding of 'young animals;' the currently accepted etymology is both tortuous and torturous. \({ }^{3} \mathrm{Just}\) as a poltro, or 'unbroken colt,' shies away from captivity, so too does the poltroon egregiously avoid the use of courage.
```

            pointe-d
            pointelle-fs
            pointillism-a
                            point man-ms/gk
                            point guard-sp
            pointed (adj.) punctilious pointer-gk/CS dispunct
    pounce (v.) punctuate punctilio puncheon-gk dispunge
    point (n.) punctual expunge punch-drunk-sp
    punctuation }\mp@subsup{}{}{1}\mathrm{ punctuality expunged pivot joint-an punctatim
point (v.)
point-blank
pointy
pointer
punch (v.)
pounce (n.)
appoint }\mp@subsup{}{}{2
appointment
appointee
puncture (n.)
punctured
punchy
poignant compunction punch-gk
poignancy compunctious punctate-md
pun (n.) point man-gk
punning embonpoint-gk
\mp@subsup{pivot}{}{3}\mathrm{ acupunctuate-md}
pivotal prepunctual-gk
appointive bunghole-gk
counterpoint spontoon-h
pun4 (v.)
pointedly
trapunto-gk
point spread-sp
acupuncture pungent point-\$
acupuncturist pungency pointing-sp
puncture (v.) punctuated punctuated equilibrium-B
needlepoint punctuationalism-B
pointless pointelle-gk
pointlessness punctographic-s
point of view punctus-mu
disappoint en pointe-fl
disappointed }\mp@subsup{}{}{2}\mathrm{ counterpane-gk
disappointment bontebok-Bz
disappointedly punctiform-md
puncher punctigerous-Bz
standpoint punctograph-md
viewpoint punctuality-gr
pugioniform-Bb
punctulated-s
point-device-gk
point-shaving-\$
point-and-click-CS
point of no return-gk
Point Counter Point-LE
Appointment in Samara-LE
punctus contra punctum-mu

```

\title{
Pungo, pungere, pupugi, punctum - to point, stab, pierce, prick \{poign, point, pun, punch\}
}

\footnotetext{
\({ }^{1}\) Punctuation marks are 'points' inserted within sentences to indicate pauses. \({ }^{2}\) To 'point towards' a job, political position, etc.; one can be disappointed if one is 'not pointed towards' a position one wants. \({ }^{3} \mathrm{Of}\) obscure origin; the idea may be that when one pivots, one turns on a 'point.' \({ }^{4}\) One could think of punning as making clever fine 'points.'
}


\author{
pus purulent \\ purulence purohepatitis-md \\ suppurate purolymph-md suppuration mucopurulent-md puriform-md seropurulent-md \\ sanguinopurulent-md
}

Pus, puris-fluid from infected tissue
putrid
putridity putrefy
olla podrida-fl/gs
potpourri \({ }^{2}\) putrescent putrilage-gk putrefaction imputrescible-r putrefactive

\section*{Puter, putris - rotten, stinking, decaying}

\footnotetext{
\({ }^{1}\) Pouring etymologically 'cleans' a container of liquid. \({ }^{2}\) Originally a haphazard collection of items thrown in a 'pot' to 'rot.'
}


Puto, putare, putavi, putatum - to think, reckon, consider, judge, clear, prune, cut
Computo, computare, computavi, computatum - to calculate, reckon a sum, work out a problem \{count\}

\footnotetext{
\({ }^{1} \mathrm{~A}\) deputy temporarily takes on duties that are 'cut from' another higher in power who is usually absent. \({ }^{2}\) One who 'recounts' a story.
}

\section*{\(\mathfrak{Q}:\) IIatin}
```

quest (v.) question (v.) query (n.) question ( n .) requisitioned questioning requisition
quest (n.) requisite
request (n.) perquisite
requesting
require inquisitive
requirement
inquire
inquiring acquisitive
inquiry acquisitory
enquiry exquisitely
conquistador inquisition
Norman Conquest inquisitively quaesitum-fl
questionnaire inquisitor quaestio-h
questionable
unquestionable
unquestioned
conquest }\mp@subsup{}{}{1
conquer questmonger-h
conqueror Questura-fl inquisiturient
conquerable The Conqueror Worm-LE
inconquerable Conquistador-LE
acquire Questions of Travel-LE
acquisition Questions Are Remarks-LE
acquired quem quaeritis trope-LE
AIDS epic question-LE perquest
request (v.) quaere-fl quesited
acquirement
inquirer question-begging-\Phi
inquiringly rhetorical question-gk
reconquer question extraordinaire-fl
reconquered The Questing Beast-LE
conquered questione della lingua-LE
unconquered One of our Conquerors-LE
unconquerable She Stoops to Conquer-LE
unquestionably decidability question-M
William the Conqueror An Enquiry Concerning Human Understanding-\Phi

```

\section*{Quaero, quaerere, quaesivi, quaesitum - to seek, ask, strive for, earn, examine \{quer, quest, quir, quisit\}}

\footnotetext{
\({ }^{1} \mathrm{~A}\) conquest is something that has been 'thoroughly sought' or 'thoroughly striven for,' the intensive conindicates success. \({ }^{2}\) One must 'seek outside' the norm to find something of exquisite beauty.
}


\section*{Qualis - of what kind? in which state? of which sort?}
quantity \begin{tabular}{c} 
quantify \\
quantum leap
\end{tabular} \begin{tabular}{c} 
qubit-PH \\
quantified \\
quantitatively \\
quantum mechanics-PH \\
quantum chaos-PH \\
quant- \(\$ / \mathrm{V}\)
\end{tabular}
quantal-PH/B
quantasome-Bb/BCM
quantic-M
quantifier-lg/M

\section*{Quantus - how many, how much}

\footnotetext{
\({ }^{1}\) The quality of anything describes 'what kind' or degree of characteristics or properties it has. \({ }^{2}\) To qualify for the Olympics, Jean had to show 'what kind' of athletic skill she possessed. \({ }^{3}\) Via French quelque chose, 'something.'
}
quarterstaff-gk
quarter note-mu
quarterdeck-n
quarter (v.) quartan-md
quarter (n.) quadrille-sp
quarterly
quarters \({ }^{1}\) quartet
quarterback
quarterfinals
quart quadroon-gk
quartern-gk quartanarian
quarto-gk
quartile-M quarternight
quartet-LE/mu
headquarters quarterpace-at
string quartet quarter horse-sp
quartodeciman-r
quarterage-\$
quart d'heure-LE
quarter section-h
drawn and quartered-h quartermaster-n
quarter nelson-sp quarterback sneak-sp
The Alexandria Quartet-LE Four Quartets-LE

\section*{Quartus-fourth, fourth part}
quasi-art
quasi-belief-gk
Quasimodo quasi quasar-as
quasifission-PH quasi-contract-1
quasi in rem-1
quasiparticle-PH
quasicrystal-PH
quasi delict-1
quasi-realism- \(\Phi\)
quasi-memory-Ф
quasi-universal-gk
quasi-stellar object-as
Quasi - as if, practically, almost
rescue (v.)
concussion casque-ms/Bz
\begin{tabular}{ccccc} 
discuss \(^{2}\) \\
discussion & \multicolumn{4}{c}{ concuss } \\
rescue (n.) & percussion & soukous-mu & impercussive \\
rescuer & concussive & cashier-ms & conquassate
\end{tabular}

\section*{Quatio, quatere, quassi, quassum - to shake, strike, shatter, beat upon \{cuss\}}

Discutio, discutere, discussi, discussum - to shake off
Excutio, excutere, excussi, excussum - to shake off, drive away \{rescu\}
\({ }^{1}\) One's quarters are one's living area, or a space divided into different rooms (the Latin quartus can also refer to a general division into parts). \({ }^{2}\) One can think of the verbal exchange of ideas as a 'shaking off' of each interlocutor's opinion. \({ }^{3} \mathrm{Via}\) Old Spanish casco, 'helmet;' an enemy 'strikes' upon a knight's 'helm.'


Quattuor - four \{cater, quadr-, quadra-, quadri-, quadru-, quatr\}
Quadrum - square \{cadr, quadr6, squar\}
Quater-four times
\begin{tabular}{cccc}
\multicolumn{2}{c}{ quarrel (n.) } & querulous & querulent \\
quarreling & querela-l & querimony-gk \\
& quarrel (v.) & querulously \\
quarrelsome querimoniously & querelatory \\
& & quarrelsomely
\end{tabular}

Queror, queri, questus sum - to complain, protest \{quarr\}

\footnotetext{
\({ }^{1}\) A square is an 'equilateral quadrilateral,' or polygon with 'four' equal sides. \({ }^{2}\) From the Latin quadraginta, 'forty;' the diseased were historically isolated for 'forty' days. \({ }^{3} \mathrm{From}\) the Latin quadrans, quadrantis, 'onefourth.' \({ }^{4}\) A squadron of men originally referred to a 'square' military formation; squad is related. \({ }^{5}\) Via the Italian quadro, 'frame;' a cadre 'frames' or helps 'contain' the integrity and viability of an organization. \({ }^{6}\) Morpheme of 'squadron,' 'quadrate,' and 'quadrille.'
}
qua-fl
\[
\text { quidditas- } \Phi
\]
quidnunc-gk
quip \({ }^{1}\) (n.)
\begin{tabular}{ll} 
quip (v.) & kickshaw \(^{3}\) \\
status quo & quid pro quo-fl
\end{tabular}
quibble \({ }^{2}\) (v.) hidalgo-ps quiddle-v
quorum cui bono-fl tertium quid-fl
quibble (n.) quid-\$ numquid
quomodo-gk quiddit
quo jure-1
quo warranto-h
je ne sais quoi-fl

Qui-who, which Quid-what, which \{quip\}

\author{
quiet ( n .) acquiesce \\ quiet (v.) acquiescent quiesce-gk \\ quiet (adj.) acquiescence quiescence quietus-gk inquietation quietly acquit quiescent quite-sp quietness acquittal requiescat in pace-fl \(\begin{array}{lll}\text { quit }{ }^{5} & \text { coy }^{7} & \text { requite }^{8}\end{array} \quad\) RIP-fl quitter quietude requital Quietists-r quitting disquieted quittance quietive-md quite \({ }^{6}\) (adv.) requiem quieten-gk disquiet unrequited quitclaim-1 disquieting quits-gk \\ disquietude Requiem-LE \\ The Unquiet Grave-LE \\ Requiem for a Nun-LE \\ All Quiet on the Western Front-LE
}

\section*{Quiesco, quiescere, quievi, quietum - to rest, be still, stay calm \{quit\}}

\footnotetext{
\({ }^{1}\) Pip's quips are always right on the mark: he knows just 'what' to say. \({ }^{2}\) From the Latin plural quibus, 'to or for which;' this word was ubiquitous in legal documents especially when nugatory exceptions were raised. \({ }^{3}\) Ultimately from quid, via the French quelque chose, 'something.' \({ }^{4}\) The 'whatness' or 'essence' of a thing, like the Kantian ding an sich. \({ }^{5}\) When one quits an activity, one 'rests' from it. \({ }^{6}\) If one is quite sure about something, one 'rests' from all doubt. \({ }^{7} \mathrm{Via}\) Old French quei, coi, 'quiet.' \({ }^{8}\) When one requites or 'repays' another, he is put etymologically 'at rest;' unrequited lovers are anything but calm and tranquil.
}

cry (n.)
\begin{tabular}{|c|c|c|c|}
\hline cry (v.) & & decry & quiritation \\
\hline crying & outcry & descry & town crier-gk \\
\hline & cryingly & Quirites-h & \\
\hline & cry wolf & Quirinus-my & \\
\hline & crybaby & cri du chat-fl & \\
\hline & cry havoc & cri du coeur-fl & \\
\hline & for cry & g out loud & \\
\hline & cry ov & spilled milk & \\
\hline
\end{tabular}

\section*{Quirito, quiritare-to shout out in complaint \(\{\mathrm{cr}\}\)}


\section*{Quot - how many?, as many as}

\footnotetext{
\({ }^{1}\) Alchemists once searched for the 'fifth essence,' or that rarefied substance which was thought not only to form the heavenly bodies, but was also the most perfect part of all things. \({ }^{2}\) When one quotes, one provides an exact 'count,' whether of words or numbers. \({ }^{3}\) Via Latin quotidie, 'every day.'
}

\section*{※: Inatin}

\[
\text { Radius-ray, staff, spoke of a wheel \{radio-, ray\} }
\]

\footnotetext{
\({ }^{1} \mathrm{~A}\) radio, short for 'radiotelegraph,' receives electromagnetic 'radiation,' or 'rays' and converts them into sound. \({ }^{2}\) An acronym for 'radio detection and ranging.' \({ }^{3}\) Rayon shines, like 'rays' of light.
}
```

radix-M

```
```

            eradicate }\mp@subsup{}{}{1
    ```
            eradicate }\mp@subsup{}{}{1
            eradication
            eradication
radical }\mp@subsup{}{}{1
radical }\mp@subsup{}{}{1
    radish eradicable
    radish eradicable
            horseradish ineradicable
            horseradish ineradicable
                radically coradicate-lg
                radically coradicate-lg
                        radicalism radicate-gk
                        radicalism radicate-gk
                    radical empiricism-\Phi
                    radical empiricism-\Phi
                    radical expression-M
                    radical expression-M
                                    radicicolous-B
                                    radicicolous-B
                                    radiculitis-md
                                    radiculitis-md
                                    radicchio-gs
                                    radicchio-gs
                                    radical philosophy-\Phi
```

                                    radical philosophy-\Phi
    ```

\section*{Radix, radicis-root}
abrade
abrasion ratine-fs
erase abrasive rasorial rail-Bz
eraser abrasively rapscallion \({ }^{2}\) rase-gk
erased abrasiveness raze radula-Bz
            rascal \({ }^{2}\) erasure razed corrasion-g
                        \(\operatorname{rash}^{3}(\mathrm{n}\).\() \quad ramentum- \mathrm{Bb}\)
                                    razor

\section*{Rado, radere, rasi, rasum - to scrape, scratch \{raz\}}
```

                ramous-gk
            ramification }\mp@subsup{}{}{4}\mathrm{ ramus-an/Bb
            ramify ramose- }\textrm{Bb
            ramiform biramous-B
                        ramage-Bb
                        ramose-gk
                        ramulus-B
                        ramada-Bb
                            ramiferous-B
            ramuliferous-Bb/an
                            ramicorn-Bz
        ramisection-md Ramularia-Bb
    ramiparous-Bb ramus communicans-an
ramuscule-B
ramigerous-Bb

```

\section*{Ramus-branch}
\({ }^{1} \mathrm{~A}\) radical wants to change something by going to the 'root' of the perceived problem and eradicate or 'root it out.' \({ }^{2}\) A tricky history: rascal possibly came from a word meaning 'commoners' or 'mob,' which were often filled with mischievous rascals; this in turn may have come from a word meaning 'scab' or 'mud' (things needing to be 'scraped' off) which often covered the rascals in the mob; rapscallion is probably a variant form of rascal. \({ }^{3}\) Jillian kept on 'scratching' her rash, which had spread over her entire body. \({ }^{4} \mathrm{~A}\) ramification is etymologically the 'making of a branch:' each action forms a new 'branch' or 'development/consequence.'


\title{
Rapio, rapere, rapui, raptum - to snatch, grab, seize \{rav, rept, rp\} Rapidus - quick, flowing swiftly \({ }^{5}\)
}

\footnotetext{
\({ }^{1}\) Brynna was so enraptured by Botticelli's Primavera that, for ever after, it 'seized' her aesthetic senses. \({ }^{2}\) Etymologically a 'seizing from below,' hence 'stealthy' or 'clandestine.' \({ }^{3}\) The ravenous werewolf 'grabbed' all the sheep in the pasture, and ate the shepherd too. "The Lady of the Lake's ravishing beauty 'seized' the hearts of all King Arthur's knights. \({ }^{5}\) Rapidus could refer to a 'swiftly flowing' river with the intimation that such a 'fast moving' current would 'snatch' away anything in its path.
}
```

reason (v.) rationale
reasoning ration (v.) ratio cognoscendi-\Phi
reason (n.) ratio renable-gk
reasonable ration(n.)
unreasonable rational
reasonableness irrational
reasoner rationalize arraign
reasonably rationalization arraignment Critique of Pure Reason-\Phi
unreasonably rate (v.) ratiocinate }\mp@subsup{}{}{2}\quad\mathrm{ Critique of Practical Reason-Ф
rate (n.) ratiocination raison d'être-fl
rationality raisonné-fl
irrationalism raisonneur-LE
overrate rational number
overrated irrational number
rating (n.) ratio decidendi-1
rationalist ratio existendi-\Phi
underrate ratio essendi-\Phi
underrated ratiomorphic-PS
ratify ratione domicilii-1
ratified ratione rei sitae-1
ratification Age of Reason-h
Age of Reason-LE
The Age of Reason-\Phi
The Life of Reason-Ф
The Rationale of Verse-LE
Critique of Dialectical Reason-\Phi

```

Reor, reri, ratus sum - to suppose, think, deem, consider \{reas\} Ratio, rationis - calculation, reason, judgment, method \{raign\}

```

                    rrectangle }\mp@subsup{}{}{1}\begin{array}{l}{\mathrm{ Tyrannosaurus Rex }}
                    rreran Tyrannosaurus Rex 
                    rectangular indirect rectal-an
                    direction
                direct
                directing
            director
        directress
    directory
directional
directly
correctness
correct
correction regime dirigible direct method-ed
correction
correctly regulatory regale correctitude-gk
erect (v.) adroitly regalia corregidor-fl
erector resourceful rail (v.)-gk
erect (adj.) resourcefulness Regularia-Bz
region }\mp@subsup{}{}{2}\mathrm{ unruly
redirect adroit
right (adj.)
right angle
regularly
regular regularity
regular regimentally
irregular
irregularity
regulate rectitudinous
regulator regiment (v.)
regulation
regulating
adroitness
escort (n.)
regent
regular regularity
regular regimentally
régime
rectitude
regulate rectitudinous
regulator regiment (v.)
regim
incorrigible
irregularly
royal
royalty regicide
political correctness }\quad\mathrm{ dressage-sp
political correctness }\quad\mathrm{ dressage-sp
royalty regicide
$$
\begin{array}{c}{\mathrm{ royally }}\\{\mathrm{ overrule }}\end{array}
$$$$
\begin{array}{r}{\mathrm{ regal }}\end{array}
$$
crereregal
rule (v.)
monorail
railing
overruled
rail (n.)
rule (n.)
ruler
ruling
rulership
reign (n.)
reigning
address }\mp@subsup{}{}{3}\mathrm{ (n.)
dress (n.)
dresser
dressy
indirectly rectilinear-gk
regimented rector-r
regiment (n.) erectile rectory-r
regimen dirge }\mp@subsup{}{}{4}\mathrm{ vice-regent-gk
right (v.) regnal erector pili-an
directive maladroit e region-g
directness railroad (v.) direct cerebellar tract-an
indirectness redress directionality-s
realm interregnum prime directive-gk
regency regnant directivity-s
regulus-as
regulon-BCM arrect
royal peculiar-ps
escort service-gk
vicereine-ps
piloerection-md
corrigendum-fl
corrigent-md/gk
rectalgia-md
porrect-Bz
rectigrade-Bz
dirigent-gk
ancien régime-fl
political correctness }\quad\mathrm{ dressage-sp
Oedipus Rex
rectrix-ps/Bz
recto-gk
regime dirigible direct method-ed
\mathrm{ rectangle }\mp@subsup{}{}{1}

```

```

${ }^{1} \mathrm{~A}$ rectangle has four 'right' angles. ${ }^{2}$ Via Latin regio, regionis, 'direction, boundary-line, locality.' ${ }^{3} \mathrm{I}$ used Min's address to 'guide' me 'to' her house. "The original dirge was based upon a verse from the fifth Psalm (a 'lament'), which begins "Dirige, Domine..." 'Direct, o Lord...;' dirge is simply a variation of that frequently used first word.

```
```

                        alert }\mp@subsup{}{}{1}\mathrm{ (v.) alert (n.) CFTR-BCM
                            alertly thermoregulation-Bz
                            alertness The Rights of Man-LE
                                    miscorrection golden rule-Ф
                                    miscorrected indirect speech-gr
                                    overruling indirect statement-gr
                                    underdressed regional novel-LE
        undress dress (v.) The Realms of Being-\Phi
                    overdressed omniregency-ps
    undressed golden rule monodirectional-gk
        railway address (v.) The Reign of King
        railroad regional Edward the Third-LE
        right-on
            reign (v.) Reginald Lord of Misrule-h
        dressmaker hairdresser Sangreal-my/r royalist-ps
        dress code dressmaking headdress riyal-$
        dressed erection misrule real-$
            palais royale-fl château royale-fl royalties-$
        viceroy-ps viceregal-ps regulus-as reginal-gk
    regina-fl royal we-gk
                                Rob Roy-LE royal flush-sp
    ```

\section*{Rego, regere, rexi, rectum - to rule,}
```

guide, direct, keep straight, control, put right \{right\}
Regimen, regiminis - control, direction, government \{realm\}
Regina - queen \{rein\}
Regnum - period of rule, royal power \{reign\}
Regula - ruler ${ }^{2}$, rod, standard, principle $\left\{\right.$ rail, rul $\left.{ }^{3}\right\}$
Rex, regis - king, sovereign \{roy\}
Corrigo, corrigere, correxi, correctum - to make straight, put right \{cort\}
Dirigo, dirigere, direxi, directum - to make straight, arrange, guide, direct
\{dress, droit\}
Erigo, erigere, erexi, erectum - to raise, set upright \{ert\}
reptile
reptilian $\begin{gathered}\text { Reptilia- } \mathrm{Bz} \\ \text { repent-B }\end{gathered}$
reptant-B ereptation
Reptantia-Bz irreptitious-gk reptatorial-B surreption
reptiloid- Bz proreption
reptation-B
reptilium-gk
obreption-1
reptilarium-gk
reptiliferous-p
reptilivorous-Bz
Repo, repere, repsi, reptum - to crawl, creep

```

\footnotetext{
\({ }^{1}\) See note 2, p. 172; a 'watch tower' is an 'upright' edifice. \({ }^{2} \mathrm{As}\) in the measuring implement. \({ }^{3} \mathrm{~A}\) 'rod' was often a symbol of 'rule.'
}


\section*{Res, rei - thing \({ }^{11}\), matter, fact, truth, actuality \\ Res publica - state \(^{2}\), commonwealth}
\({ }^{1}\) The meaning of res could change to fit context. \({ }^{2}\) The second period of governmental rule in Rome was the 'Republic;' it was established by the Roman people to combat and prevent any return to the tyranny of the first period, the Monarchy. This ideally free state whose tenets championed the public good helped form the basis of democracy's checks and balances that we enjoy today.



Rideo, ridere, risi, risum - to laugh, smile, laugh at, make fun of
Derideo, deridere, derisi, derisum - to mock, make fun of, laugh at
\({ }^{1}\) The retina is a netlike structure in the back of the eyeball that catches light through rods and cones.


\section*{Rigeo, rigere - to be stiff, be unyielding}

\author{
river corrivation \\ riverbank riparian \\ riverfront co-rival riverhead derive \\ arrive \({ }^{1} \quad\) derivation \\ arrival derivative \\ Colorado River \(\quad\) rival \(^{2}\) \\ Mississippi River rivalry \\ rivière-gk \\ sibling rivalry-gk \\ Riviera-ge \\ arriviste-fl \\ arrivée-fl \\ Amazon River rivulet \\ riparian-ge \\ Rio Grande archrival riviation-sp \\ riverside unrivaled riverine-ge \\ upriver riverain-ge \\ downriver rivery-ge \\ Ripuarian-h Congo River \\ Rivularia-Bb Yellow River \\ rivulus-Bz Thames River \\ rive gauche-ge Seine River \\ rivose-Bz Rhone River Yangtze River \\ The Rivals-LE Rhine River \\ French Riviera-ge Volga River \\ Two Rivulets-LE Ganges River \\ Columbia River \\ Ol' Man River-mu Danube River \\ Red River Valley-mu Nile River \\ Tigris River Yukon River St. Lawrence River \\ Euphrates River Jordan River Colorado River
}

\section*{Ripa-riverbank, shore \(\{\) riv \(\}\) \\ Rivus \({ }^{3}\) - stream, source}
```

                corroborate robustious roborant-md
            corroboration rambunctious roble-Bb
                corroborated rumbustious robusta coffee-Bb
                robustly robust-ap
    robust robur- Bb robusticity-ap/Bz roburite- CH

```

\section*{Robustus - made of oak, hard, firm, strong Robur, roboris-oak, strength}

\footnotetext{
\({ }^{1}\) Etymologically coming 'to the shore' after a voyage. \({ }^{2}\) The importance of 'rivers' is revealed by the word rival, who etymologically is one who strives against another for a prime place along a 'stream.' \({ }^{3}\) Rivus and ripa are technically not linguistically related; n.b. rivus gave us 'derivative,' 'rival,' and 'rivulet,' whereas 'ripa' gave us 'river,' 'arrive,' etc.
}
```

                                    suberose-Bb
                            corrosive terra rosa-a
                        erode rostral-an
        erosion rostrum }\mp@subsup{}{}{1}\mathrm{ rostralis-Bz
            erosive Rodentia-Bz
    rodent
corrode
rosorial-Bz/gk
corrosion rodenticide-gk
rostrum-at/B
Rostra-h
erose-Bb
rodent ulcer-md
rostellum-B
rostrate-B
rostrocarinate-ah
rostrulum-Bz

```

\title{
Rodo, rodere, rosi, rosum - to gnaw, eat away, chew Rostrum - snout, beak, prow
}
\begin{tabular}{|c|c|}
\hline \multicolumn{2}{|l|}{\[
\text { rogue }^{2} \text { (n.) }
\]} \\
\hline \multicolumn{2}{|l|}{rogue (adj.) rogues' gallery-gk} \\
\hline roguery p & prorogue subrogation-1 \\
\hline roguish & abrogate rogatory-1 roger \\
\hline arrogant \({ }^{3}\) & abrogation rogation-r \\
\hline arrogance & arrogate corvée-gk \\
\hline derogatory \({ }^{4}\) & derogate adrogation-1 \\
\hline interrogate & supererogation \\
\hline \multicolumn{2}{|l|}{interrogation supererogatory \({ }^{6}\)} \\
\hline \multicolumn{2}{|r|}{interrogator derogation} \\
\hline \multicolumn{2}{|r|}{interrogative} \\
\hline \multicolumn{2}{|r|}{interrogatory} \\
\hline \multicolumn{2}{|r|}{prerogative} \\
\hline \multicolumn{2}{|r|}{surrogate \({ }^{5}\)} \\
\hline
\end{tabular}

\section*{Rogo, rogare, rogavi, rogatum - to ask, request, solicit}

\footnotetext{
\({ }^{1}\) The Romans nailed rostra, the 'beaks' or 'prows' of warships used for ramming, onto the Forum's central speaker's platform, appropriately dubbed the rostra; these military trophies of naval conquest were a highly visible reminder of the might of Rome which could be seen when anyone, citizen or visitor, frequented Rome's center. \({ }^{2}\) Possibly originally a 'charlatan' who pretended to be a beggar and thereby deceptively 'asked' for money. \({ }^{3} \mathrm{An}\) arrogant man 'solicits' undue claims for himself in an overbearing fashion. \({ }^{4}\) Via Latin derogare, 'to detract, take away from.' \({ }^{5} \mathrm{~A}\) surrogate is etymologically someone who is 'asked for in place of' another. \({ }^{6}\) Supererogatory behavior is etymologically an 'asking over and beyond' that which is formally required.
}



\section*{Rosa-rose}

\footnotetext{
\({ }^{1}\) The word romance early on referred to a medieval tale written in French, a vernacular language descended from 'Rome,' that is, from Latin; these tales were often of 'love' and 'daring adventure.' \({ }^{2}\) Languages descended from the language of 'Rome,' Latin: Spanish, French, Italian, Portuguese, and Romanian.
}

\({ }^{1}\) Via French contrerolle, 'accounting roll copy;' medieval counting houses employed 'counter-rolls' to 'check' or control accounting accuracy. \({ }^{2}\) Actors' lines, comprising their role, were once written on rolled-up sheets of paper. \({ }^{3}\) Cowboys 'round' up animals in a rodeo. \({ }^{4}\) A gardener often cuts in a 'rounded' shape when she prunes a plant; from the Latin pro and rotundus. \({ }^{5}\) After Tolbert had learned the class notes by rote, 'circling' the facts again and again in his mind, the information just 'rolled' off his pen during the exam. \({ }^{6}\) Via the Latin ore rotundo, 'by means of a round mouth.' \({ }^{7}\) See note 5, p. 394.
```

                                    rubrician-r
                                    irrubrical-gk
                                    rubious-gk
                                    erubescent-gk
            rouge (n.)
    ruby (n.)
ruby-throated hummingbird
rubidium-CH
rubiginous-gk
bilirubin-BCM
rubicund-gk
rubrician-gk
rubinic acid-CH ruby laser-s
rubellite-gm rubeosis iridis-md
rubia-Bb rubredoxin-BCM
rubrene-CH rubor-md
rubrocortical-an rubrospinal-an
rouge et noir-sp rougeot-ag
Le Rouge et le Noir-LE
Ruber, rubra, rubrum-red
Rubeus-red {roug, rub}
rude
ruder erudite }\mp@subsup{}{}{2
rudest eruditeness rudiment-B
rudely erudition
rudeness eruditely
rudiment
rudimental
rudimentary

```

\section*{Rudis - coarse, unskilled, awkward, uncultured, untaught}


Rumpo, rumpere, rupi, ruptum - to burst, break open, rupture \{rout\} Corrumpo, corrumpere, corrupi, corruptum - to damage, ruin, destroy
\begin{tabular}{|c|c|c|c|c|}
\hline \multirow{9}{*}{rural route} & \multicolumn{4}{|l|}{rural rustic rusticate \({ }^{\text {RFD-gk }}\) ruralism-lg} \\
\hline & rural rustic rusticity & rusticate roister & ruralism-lg ruralist-gk rural sociology-so & ruricolist \\
\hline & & rurban ruraliz & & \\
\hline & & Ruritan & & \\
\hline & & Ruritani & & \\
\hline & & rusticati & & \\
\hline & & rurigeno & & \\
\hline & & rurbaniza & & \\
\hline & & lph Roister & ter-LE & \\
\hline
\end{tabular}

> Rus, ruris - country Rusticus - pertaining to the country

\footnotetext{
\({ }^{1} \mathrm{~A}\) route is a 'well-used path,' or one that has been 'broken-in.' \({ }^{2} \mathrm{~A}\) sudden 'breaking off.' \({ }^{3}\) The rout was on as the Chiefs continued to 'burst' through Oakland's porous defensive line, scoring touchdowns again and again.
}

\section*{S: II atin}



Sacer, sacra, sacrum - sacred, holy \(\{\) secr \(\}\) Os sacrum - holy bone \{sacro-\}

\footnotetext{
\({ }^{1}\) Another good example of the interchangeability of ' \(c\) ' and ' \(g\).' \({ }^{2} \mathrm{~A}\) sacrifice is often needed to 'make' a religious rite 'holy,' or pleasing to the gods. \({ }^{3} \mathrm{~A}\) 'curse' is 'outside holiness;' \(\mathrm{n} . \mathrm{b}\). ' x ' is linguistically equivalent to 'ks,' hence the morpheme 'secr' is preserved.
}


\section*{Saeculum -age, world \{secul\}}
\begin{tabular}{ccc} 
& & cum grano salis-fl \\
salary \({ }^{1}\) & & saline-CH \\
salaried & saucy & saltcellar-gk \\
sauce \(^{2}\) (n.) & saucily & \\
sause & sauciness & saltpeter-CH \\
saucer & & salinometer-s \\
salad \(^{3}\) & & saliferous-g \\
salsa & salification-CH \\
salami & salina-g \\
sauce (v.) & sal volatile-CH \\
salsuginous-Bb
\end{tabular}

\author{
salse-g sal-fl \\ salmi-gs \\ sal soda-CH \\ saluretic-md \\ applesauce salinella-Bz \\ saucepan mola salsa-r/h \\ flying saucer \\ saline solution
}
Sal - salt \(^{4}\)
Salsus - salted \(\{\) sauc, saus \(\}\)

\footnotetext{
\({ }^{1} \mathrm{~A}\) part of ancient salaries included 'salt,' considered a valuable commodity at the time. \({ }^{2}\) Sauces often contain a good deal of 'salt;' the saucer is etymologically the 'dish' for sauce. \({ }^{3}\) Salad dressing often contains 'salt.'
\({ }^{4}\) The English word salt is derived from Old English sealt, which is cognate with Latin sal.
}


Salio, salire, salii, saltum - to leap, spring forward, jump \{sail, sault, sil, sult\} Salto, saltare, saltavi, saltatum - to dance \(\{\) ult \(\}\)

Salmo, salmonis - a salmon \({ }^{6}\)
salute (v.)
\begin{tabular}{|c|c|c|c|}
\hline \multirow[t]{3}{*}{salute (n.)} & \multicolumn{2}{|l|}{.) salutatorian} & \\
\hline & salutation & salubrious & Salus-my \\
\hline & salutatory & salutary & salutiferous-md \\
\hline & alutations ins & us salut-gk & \\
\hline
\end{tabular}

\section*{Saluto, salutare, salutavi, salutatum - to greet, hail}

Salus, salutis - health, safety, greeting

\footnotetext{
\({ }^{1}\) One etymologically 'leaps upon' another when insulting them. \({ }^{2} \mathrm{~A}\) result is that which 'leaps back' at us when we do something. \({ }^{3}\) Marguerite's desultory conversation during tea time 'leapt from' topic to topic. \({ }^{4} \mathrm{~A}\) salient feature of the painting was a red-faced faun that seemed to 'leap' out at the viewer. \({ }^{5}\) The phrase 'to jump another's bones' might be instructive here. \({ }^{6}\) Salmon are well known for their 'leaping' ability as they migrate upstream.
}
\begin{tabular}{|c|c|}
\hline ```
    safe (adj.)
safe (n.)
``` & \[
\begin{aligned}
& \text { salvage (n.) } \\
& \text { salvage (v.) }
\end{aligned}
\] \\
\hline safety salvaged & \\
\hline safely salvageable & salvo-1 \\
\hline unsafe unsalvageable & salve (v.) sage-Bb \\
\hline unsafely \({ }^{\text {salvo }}{ }^{1}\) & salvia-Bb salvatella \\
\hline salve (n.) salvable & salver-gk \\
\hline salvation & quacksalver-gk \\
\hline savior saviour & dissave-\$ \\
\hline safekeeping & salverform-Bb \\
\hline safeguard & salvationism-r \\
\hline safe haven & salva veritate-Ф/fl \\
\hline safe sex & salvianin-CH \\
\hline save saver & salviol-CH \\
\hline saving & salvific-r \\
\hline savings s & salvoconducto-fl \\
\hline saving grace & sagebrush-Bb \\
\hline safe-conduct & vouchsafe-gk \\
\hline savings & s account \\
\hline Salvatio & ion Army \\
\hline
\end{tabular}

Salvus - secure, safe, healthy, unharmed \{saf, sav\}


\section*{Sanctus - holy \{saint, san\}}
\({ }^{1}\) Romans used the greeting salve! to say 'hello' to fellow citizens, thereby wishing them 'good health;' later on, important personages were bombastically 'greeted' with a 'flurry of gunfire.' \({ }^{2}\) Ted's sanctimonious, or 'holier than thou' attitude, grated upon all his acquaintances.

\begin{tabular}{|c|c|}
\hline \multirow{13}{*}{homo sapiens savory} & verbum sapienti sat est-fl verbum sap-fl \\
\hline & sage (n.) savant idiot savant-PS \\
\hline & sage (adj.) sapid savoir faire-fl \\
\hline & savour sapidity resipiscence-PS \\
\hline & \(\begin{array}{cc}\text { sagely savoir faire } \\ \text { insapory-gs } & \begin{array}{c}\text { saporous-gs } \\ \text { desipient }\end{array}\end{array}\) \\
\hline & unsavory sapor-gs \\
\hline & savor je ne sais quoi-fl \\
\hline & insipid insipience-gk \\
\hline & insipidity \\
\hline & sapient \\
\hline & sapience \\
\hline & savvy \\
\hline & unsavvy \\
\hline
\end{tabular}

Sapio, sapere, sapii - to taste, be wise \{sag, sav, sip\}
Sapiens, sapientis - wise, judicious

\footnotetext{
\({ }^{1}\) An abundance of the medieval humor 'blood' was thought to make someone sanguine, or 'cheerful' and 'optimistic.' \({ }^{2}\) French for 'to know what to do.'
}
```

    monosaturated-BCM
    polyunsaturated-BCM
    verbum sapienti sat est-fl
        satisfy
        satisfied satiate
        satisfaction satiable satiety
        satisfactory insatiable sate
    satisfactorily asset sated
dissatisfy assets }\mp@subsup{}{}{1}\mathrm{ insatiate
dissatisfied satire }\mp@subsup{}{}{2}\mathrm{ insatiety
dissatisfaction satirical
satisfiable saturate
unsatisfactory saturation
unsatisfactorily saturated satisficing-\Phi
unsatisfied unsaturated Horatian satire-LE
satirize
satirist
Juvenalian satire-LE
Menippean satire-LE
satiated

```
Sat, satis - enough \(\{\) set \(\}\)
Satio, satiare, satiavi, satiatum - to satisfy, content \(\{\) sat \(\}\)
Satur-full of food, sated, rich, saturated \(\{\) satir\}


\section*{Saturnus - Saturn}

\footnotetext{
\({ }^{1}\) Although one may never have 'enough' assets, one can certainly work 'towards' having 'enough.' \({ }^{2}\) A satire was originally a literary work that dealt with a medley of miscellaneous subjects, or a 'full' plate of different items; only later did it evolve into its present meaning of a 'work deriding follies.' \({ }^{3}\) Saturn was variously regarded as the titan of civilization, agriculture (especially viticulture), and the Underworld; the planet Saturn was probably so named because of its proximity to Jupiter, Saturn's son. \({ }^{4}\) Medieval astrologers considered those born under the planet 'Saturn' to possess a 'gloomy' disposition.
}
scale (n.)
\begin{tabular}{c} 
escalade-ms \\
escalator \\
escalating \\
scale (v.) \\
upscale (adj.) \\
downscale \\
de-escalate \\
upscale (v.) scala tympani-an \\
esprit de l'escalier-fl \\
Pterophyllum scalare-Bz \\
scalar product-M \\
scalage-\$
\end{tabular}
scalariform-B
scalare-Bz
scala media-an
Scalaridae-Bz
Richter scale-s
superscalar-CS
upper echelon-gk


Scando, scandere, scandi, scansum - to climb, mount, scan verse \{scan, scend, scens, scent\}
Descendo, descendere, descendi, descensum - to go down, come down, stoop Skandalon \({ }^{3}\) (Gr.) - trap, snare, stumbling block, offense \{scandal, sland\}

\footnotetext{
\({ }^{1}\) Scan developed its current meaning of 'examine' from the close analysis of verse; this 'examination' can be hastily or methodically carried out. \({ }^{2}\) To condescend is to 'thoroughly come down' to the presupposed level of another in a patronizing fashion. \({ }^{3}\) These seemingly unrelated root words both come ultimately from the IndoEuropean root skand-, 'to leap, climb, jump:' one attempts to 'climb' or 'leap' a 'stumbling block;' n.b. scalae is also from skand-, as one 'climbs' a ladder.
}
```

        rescind
    rescinded rescission
rescindment
scissure-an exscind-gk
prescind-gk
discission-md/gk
circumscissile-Bb

```

Scindo, scindere, scidi, scissum \({ }^{1}\) - to split, cleave, tear apart, cut
\begin{tabular}{cccc} 
& \begin{tabular}{c} 
scintillate \\
scintillating
\end{tabular} & \begin{tabular}{c} 
scintillogram-md \\
scintillation-as/PH
\end{tabular} & \\
stencil \({ }^{2}\) (n.) & tinsel & scintilla & scintigram-md \\
stencil (v.) & tinselly & & scintigraphy-md
\end{tabular}

\section*{Scintilla - spark, glittering spot}

\footnotetext{
\({ }^{1}\) Note how the \(s\) sounds help mimic the sound of something 'splitting.' \({ }^{2}\) The etymological idea is that, just as something that 'glitters' beautifies, so too does a stencil help to 'adorn' the page upon which it is used; note the metathesis of the ' \(c\) ' and ' \(t\) ' sounds from scintilla to stencil, also present in 'tinsel.'
}

```

                    scribble scribe
                    scribbling descriptive
                    describe nondescript
        description script
        describable inscribe scribal
        indescribable inscription prescriptive
        manuscript postscript proscribe
    subscriber }\mp@subsup{}{}{1}\mathrm{ circumscribe proscription
subscription circumscription proscriptive
scribbler PS }\mp@subsup{}{}{2}\mathrm{ transcribe ascribe
typescript transcription ascription Bartleby the Scrivener-LE
scripture transcript scrivener shrive-r scripturient
scriptural transcriptive prescript ascriptive
scribbled subscribe conscript escritoire-gk ascriptitious
indescribably conscription subscript-gk imperscriptible-gk
prescribe rescript-1 scripee
prescription cacoëthes scribendi-fl
circumscribed scribacious-gk
scrip-md/gk
codex rescriptus-gk
serif-gk
festschrift-gk
scriber-a
scrip issue-\$
scripophily-gk
scriptwriter-gk
scribism-h
scription-gk
scriptio defectiva-lg
scriptio plena-lg
Shrove Tuesday-r
script-scene-f scripturalist-r
scrivener's palsy-gk scribbledehobble-LE
scribble-scrabble-gk Ellesmere manuscript-LE
Holy Scripture-r scripturarian-r
reverse transcriptase-BCM
prescriptivism-\Phi
Inscriptions-LE
superscription-gk

```
                    Scribo, scribere, scripsi, scriptum - to write
```

            scutiform-an
            escuage-h scutate-B
            escutcheon-gk squirearchy-ps esquire-gk
    scutage-h proscutellum-Bz scutal-Bz scutcheon-gk
    scutum-B scutation-Bz écu-\$ squire }\mp@subsup{}{}{1}\mathrm{ scutiped-Bz scute-Bz
scutellate-B Scutibranchiata-Bz Scutigera-Bz scutellation-Bz
scutellum-B equerry-gk escutellate-Bz escudo-\$
escudero-h scutiferous-h
squarson-r
Scutellosaurus-p
Squire's Tale-LE
A Blot in the 'Scutcheon-LE
The Squire of Low Degree-LE
Scutum-shield {scu, squ}
\(\left.\begin{array}{cc}secure \& secede <br>
secret \& segregrate <br>

separate \quad seduce\end{array}\right]\)| seclude |
| :---: |
| sedition |
| sever |
| secretion |

```

\section*{Se, Sed-without, apart}

```

Seco, secare, secui, sectum - to cut
Secula - scythe, sickle \{sickl\} Segmentum - piece cut out

```
\({ }^{1}\) The squire bore the knight's emblazoned 'shield.' \({ }^{2}\) An insect has been 'cut into' three pieces: the head, thorax, and abdomen. \({ }^{3}\) A straight line which 'cuts' across, or 'intersects' a curve at two or more points.


Sedeo, sedere, sedi, sessum - to sit, settle, rest, stay still \(\{\) sid, sieg\} Assideo, assidere, assedi, assessum - to sit close by, settle beside, sit by as an assistant or judge \{assiz, siz\}
Sedo, sedare, sedavi, sedatum - to settle, calm, allay Possideo, possidere, possedi, possessum - to hold property, have or take control of \({ }^{6}\)

\footnotetext{
\({ }^{1}\) The president of a nation 'sits before' all the nation's people, and 'presides' over them. \({ }^{2}\) To size or a size suggest a 'settling' upon an amount. \({ }^{3}\) The idea here is 'sitting in ambush' for or 'settling down secretly to wait for' someone; from the Latin insidiae, 'trap, ambush.' \({ }^{4}\) Most etymologists agree that sedulous is not from sedere, but a combination of the Latin se 'without' and the Greek dolos, 'trickery;' if one promises sedulous industry, one works 'pertinaciously' or 'without trickery,' i.e. not slacking off-but one can also faithfully 'sit upon' a task until its completion. \({ }^{5} \mathrm{Via}\) the Latin supersedere, 'to sit over, desist.' \({ }^{6}\) The etymological idea of 'possession' is the 'holding of property' upon which the owner has the 'power to sit' and thereby 'retain;' also see Possum tree, p. 292.
}

\begin{tabular}{cc} 
semiquaver-mu \\
hemisemidemiquaver \\
& -mu \\
semiprofessional & demisemiquaver-mu \\
semicolon & semiconservative replication-BCM \\
semiprecious stone & semimonthly \\
semiannual & semifinals hippopotomonstrosesquipedalian \\
semitransparent & semiconductor-s \\
semicoherent semilunar valve-an \\
semiconscioussesquicentennial-gk \\
sesquipedalian-gk \\
sesquialtera-mu
\end{tabular}

\section*{Semi-half}

Sesqui- one and a half
\({ }^{1}\) The noun season originally referred to that time of year for 'sowing seeds;' only later did it come to mean one of the four main divisions of a calendar year. When one seasons food, one scatters spices upon it, similar to the 'scattering' of 'seeds' when planting; this makes the food 'riper,' so more palatable to the tastebuds. \({ }^{2}\) The 'seeds' of ideas are planted and mature during a seminar. \({ }^{3}\) See note 7 , p. 217.
```

                senior senile signor-gk
            seniority senility senescent signore-fl
                        senate
                            sire
        senator surly }\mp@subsup{}{}{1}\mathrm{ senectitude Monseigneur-fl
    senatorial surliness Monsignor-r
    sir
señorita
señor
senesce
seigneur-h consenescence
seignior-h insenescible
señora seigniorage\$
senior citizen Mssrs.-fl
senior high school Messieurs-fl
Sir Lancelot senopia-md
grandsire senile dementia-md
Sir Gawain sirrah-gk
Sir Perceval señorito-fl
Sir Lamorak signorina-fl
Sir Tristram senatorian-h
monsieur senatus consultum-h
Sir Gareth senatorial courtesy-ps
Sir Mordred senatorial district-ps
senecio-Bb
seneschal-h
Sir Orfeo-LE
Sir Launfal-LE
Sir Patrick Spens-LE
Sir Thomas More-LE
Sir Thomas Malory-LE
Sir Charles Grandison-LE
The American Senator-LE
Sir Gawain and the Green Knight-LE
Senex - old man, elder, old
Senior - older {seign, señor, sieur, sir, sur}
Senatus - the senate }\mp@subsup{}{}{2
Senator - senator

```


\section*{Sentio, sentire, sensi, sensum - to feel, sense, perceive, notice \{scent\} Sententia-opinion, judgment, sentence \({ }^{\mathbf{2}}\) \{sentenc\}}

\footnotetext{
\({ }^{1}\) Etymologically to 'feel with,' that is, the 'same as' another. \({ }^{2}\) This can either be the sentence or 'opinion' of a judge, or the grammatical group of words that form meaning.
}
\begin{tabular}{ccc} 
sepulchre & \begin{tabular}{c} 
Holy Sepulchre-r \\
sepulture-gk
\end{tabular} & \\
sepulcher & Sepulchran-r & vivisepulture \\
sepulchral & sepult-gk & sepelible \\
sepulchrally & sepultural & \\
& sepelition & \\
ensepulcher &
\end{tabular}

\section*{Sepelio, sepelire, sepelivi, sepultum - to bury}

Sepulchrum-tomb
```

September ${ }^{1}$
sept
siete
septuagenarian-gk
septemvir-h septimane
septenary-LE septemfluous
septennate-ps
septet septentrional-gk
septet-mu/LE
septillion-M
septime-sp
septuplets-gk/md
septuple-gk
septisyllabic-gk
septleva-sp
Septuagint-LE
septenate- Bb
septennial-gk
septfoil-at
septimole-mu
Septinsular-ge
Septembrist-h
zeptosecond-s
zettahertz-s
September Song-LE
Septem - seven $\{$ sept, septen, septi\}

```

\[
\left.\begin{array}{l}
\text { Sequor, sequi, secutus sum - to follow, act accordingly \{sect, su, suit }\} \\
\text { Secundus - second }{ }^{\text {s }} \text {, following }\{\text { second }\} \\
\text { Secus - alongside of }\{\text { sic }\}
\end{array}\right\} \begin{gathered}
\text { Sequester, sequestra, sequestrum - trustee } \\
\text { Exsequor, exsequi, exsecutus sum - to carry out, pursue with punishment } \\
\text { \{execut\} } \\
\text { Persequor, persequi, persecutus sum - to follow tenaciously, follow with } \\
\text { enmity \{pursu, pursuit\} } \\
\text { Prosequor, prosequi, prosecutus sum - to pursue legally }
\end{gathered}
\]

\footnotetext{
\({ }^{1}\) Bobbert 'acted accordingly' by wearing his suit to the business gathering. \({ }^{2}\) Something intrinsic is etymologically 'alongside of within;' extrinsic is 'alongside of without.' \({ }^{3}\) Both in order and time; the latter second comes from the idea of a 'second minute,' or a 'sixieth' of a 'sixtieth of an hour;' see also note \(1, \mathrm{p} .226\).
}


> Sero, serere, serui, sertum - to join, string together, connect Sermo, sermonis - speech \(^{2}\), talk, conversation Exsero, exserere, exserui, exsertum - to stretch forth, exercise \(\{\) exert \(\}\)


\footnotetext{
\({ }^{1} \mathrm{~A}\) desert is an abandoned area which life does not 'join,' but rather forsakes (the prefix de-reverses the action of the morpheme to which it is attached). \({ }^{2} \mathrm{~A}\) speech is words 'strung together.' \({ }^{3}\) Madison deserved credit for setting up collection boxes for cell phones after she 'devoted herself' to the project for a full year. \({ }^{4}\) Dessert is served only after the table is no longer being 'waited upon,' that is, the main course dishes have been cleared away.
}
```

            reserve (v.)
    reserve (n.)
observance
reservation reservoir conservatory conservancy-gk observandum
conserve reserved conservatoire-mu
conservation reservation conservator-gk
conservative observance
conservatively unreserved
conservationist unreservedly
conservatism
preserve preserver
preserves self-preservation
preservation
preservative
observe observable
observer unobservable
observation unobserved
observant
observatory
life-preserver

```
Servo, servare, servavi, servatum - to guard, keep, save, protect, watch
\begin{tabular}{cc} 
severe & \begin{tabular}{c} 
asseverate \\
severity
\end{tabular} \\
severely \begin{tabular}{c} 
persevere \\
asseveration
\end{tabular} \\
perseverance & L. Septimius \\
perseveration \\
perseverate
\end{tabular}

Severus - grave, strict, austere, stern

\({ }^{1}\) Commissioned by and named for Pope Sixtus IV in 1484 . \({ }^{2}\) French for ' 6 ;' the English word six comes from Old English six. \({ }^{3}\) Traditionally taken 'six' hours after sunrise, or around noon. \({ }^{4}\) Originally a period of 'six' months.

\[
\text { find lacking \{desir\} }
\]

\footnotetext{
\({ }^{1}\) To consider was originally 'to watch the stars' for the purpose of foretelling the future; after having carefully contemplated or considered the position of the 'stars' and planets, the astrologer could supposedly predict happenings in advance-the meaning of the word eventually changed to 'thinking over an issue or idea carefully.' \({ }^{2}\) The relation of 'star' to desire is unclear, but a few suggestions follow: perhaps one can derive hope for one's desire 'from' observing auspicious omens in the 'stars;' maybe a lover can 'express longing for' his beloved by sending up wishes 'from' the earth to the 'stars' for fulfillment; perhaps that which one 'finds lacking' here on earth one can 'desirably' find 'from the stars;' or, lastly, one's desire at times may seem as 'far away' as the 'stars,' or certainly as 'lofty' as them.
}


\title{
Signum - mark, seal, sign, distinguishing feature, signal \\ Sigillum - sign left by a signet-ring, stamped figure \{scarl, seal, sigil\}
}

\footnotetext{
\({ }^{1}\) Anything significant has etymologically 'made its mark' upon a given situation. \({ }^{2}\) Most official 'seals' were embossed in 'red' wax; scarlet passed through Old French escarlate, a predominantly rich, 'red' cloth. 'If the president were to resign, he would etymologically give 'back' the 'seal' or 'mark' of his office. \({ }^{4}\) Tocsin comes from the notion of 'touching a bell,' the bell being the 'signal' by which the 'alarm' is sounded.
}
```

    Sylvia-Bz
    savageness sylvatic-md/gk sylph-gk/\Phi
    savagery sylvanite-mn
    savagely Silvanus-my
        savage sylvan Silvisaurus-p sylvage
            Pennsylvania }\mp@subsup{}{}{1}\mathrm{ silva-Bb
    Pennsylvanian Transylvania-h
            noble savage-LE
                    sylvestrene-md
                        sylvicoline-Bz
                    silviculture-Bb
                    Rhea Silvia-my
                        Transylvanian Alps-ge
                Pennsylvania Dutch-a/lg/gk
            Silva-forest {sylv}
                Silvaticus - wild, of the woods {savag}
    ```
```

            fax 2 (v.)
            similar
    similarity
dissimilar
dissimilarity
fax (n.)
fax machine
similarly
dissimilarly
dissimilitude dissemble simillimum-md
resemblance dissembler simuland-M/CS
resemblant dissimulation consimilar-gk
semblance similative-gk
simulate similor-gk
simulated simular-gk
simulation
simulator
assimilable
\& Similis - like
assemble assemblage
assembling simultaneity
disassemble ensemble
simultaneous
simultaneously
general assembly
assembly
reassemble
multane-gk
assemble-d

```
\({ }^{1}\) 'Tthe woods of William Penn,' the Quaker who founded the state of Pennsylvania. \({ }^{2}\) Short for 'facsimile,' the page one receives that is 'made like' the one transmitted from the sender's fax machine.
sans
```

sinecure sine die-fl sinumbra
sine qua non sine prole-1
sine quo non-1
sine mora-fl

```

\section*{Sine-without}
```

single (adj.)
single (n.)
singled
singles singularness single bond-CH
singled out singular singularity-as/M
single-handed singularly single blind-s
singly singularity singlehood-gk
singleness singleton singlet-PH/fs
single file
single-space
single-minded
singlehandedly

```

\section*{Singulus - one by itself, one at a time, one by one \{sing1\}}
```

insinuate
insinuating}\mp@subsup{}{}{2}\quad\operatorname{cos-M
insinuation sinuation sinusitis-md
insinuative sinuosity sinusoid-M/an
sinuate sinus-an/md/Bb
sinus venosus-Bz
sinuous sinoatrial-an
sinuously sinus of Morgagni-an
sinus of Valsalva-an
sinogram-md sinography-md
sinuate- Bb sinuatrial-an
sinuauricular-Bz sinoauricular-an
sinusoidal projection-gk
sinoatrial node-an

```

Sinus - curve, fold, hollow \(\{\) sinu \(\}\)

\footnotetext{
\({ }^{1}\) Sinuses are comprised of many 'folded' cavities or 'hollows' which reside primarily in the nose. \({ }^{2}\) The charlatan's insinuating suggestions wound their way insidiously, reasonably, and subtly into my psyche, until I finally believed that I should, indeed, give him the copyright outright.
}


\title{
Sisto, sistere, sti(e)ti, statum - to stand firm, stand still, erect, place firmly \{stic\}
}

Exsisto, exsistere, exstiti, exstitum - to come forth, be, come into being \{exist\} Intersisto, intersistere, interstiti - to pause \({ }^{4}\), make a break \{interstic\}

\author{
situation \\ situational site \\ situational site situate \\ situational irony-LE \\ ratione rei sitae-1 \\ situation ethics- \(\Phi\) situs-1/an \\ situs inversus-md \\ situated site-specific-gk \\ sitcom \({ }^{5}\) in situ-fl \\ situationally
}
\[
\text { Situs - positioned, situated \{situ\} }
\]

\footnotetext{
\({ }^{1}\) To assist in a task is etymologically to help another 'stand firm' in its accomplishment. \({ }^{2}\) On the northern hemisphere's winter solstice, the sun 'stands still' over the Tropic of Capricorn, and on the summer solstice, it pauses over the Tropic of Cancer-the seasons are reversed for the southern hemisphere. \({ }^{3}\) If one exhibits consistent excellence, one etymologically 'thoroughly stands firm' in that laudable behavior. \({ }^{4}\) The etymological connection is of a 'standing still,' or pause between opposing objects which is indicative of a narrow 'space' or interstice. \({ }^{5}\) After the bug-eyed boy had watched the ninth consecutive situational comedy, his veggie brain imploded.
}


\section*{Socius - companion, partner, friend, comrade, colleague, ally \{socio-\}}


\footnotetext{
\({ }^{1}\) Short for 'Association Football.' \({ }^{2}\) The asocial student was so introverted that he not only eschewed all companionship, but he also dissociated himself from all communication with teachers. \({ }^{3}\) See note 2 , p. 348.
}
```

obsolescently obsolagnium
obsolete ${ }^{1}$ obsolescent ${ }^{1}$
insolent ${ }^{2}$ obsolescence
insolence obsolesce
insolently
obsoletism
obsoleteness

```

\title{
Soleo, solere, solitus sum - to be in the habit of, be accustomed, use \{solet\}
}

\author{
solid (adj.) solemnly sou-h/\$ \\ solid (n.) solicit solidary-1 \\ solidly solicitous \({ }^{5}\) solidum-at \\ solidify consolidate Consolidated-\$/h \\ solidification consolidation soliped-Bz \\ solidity solidarity insouciance \({ }^{6}\) \\ soldier \({ }^{3}\) solder (v.) insouciant soldiery-ms \\ console \({ }^{4}\) (n.) solid (adv.) insouciantly \\ soldierly solicitude solid-state-gk \\ soldiery solemn soldering iron-gk \\ solemnity solidus-h/\$/gk \\ solicitor soldierfish-Bz \\ solemnize solidate-h \\ solid geometry solder (n.)-gk \\ solidism-md soldo-\$ \\ solidungulate- \(\mathrm{Bz} \quad\) Solidago- Bb \\ solidarism-so \\ solid solution-CH \\ The Soldier-LE \\ Soldiers' Pay-LE \\ Missa Sollemnis-mu \\ The Good Soldier-LE \\ solid-state physics-PH
}
    Solidus - solid, whole, firm \{sol, sold\}
Sollicitus \({ }^{5}\) - troubled, worried, attentive, anxious, vexed \{solicit, souc\}
    Sollemnis - established, traditional, customary \{solemn\}

\footnotetext{
\({ }^{1}\) If something is obsolete, it is no longer 'in the habit of' being 'used;' in contradistinction, anything obsolescent, such as the typewriter or rotary phone, is slowly fading but not completely out of 'use.' \({ }^{2}\) Insolent people do 'not' behave in the 'customary' polite or civil way. \({ }^{3}\) The word soldier is derived from solidus, a type of 'pure' or 'solid' gold coin first issued during the reign of Diocletian in an attempt to reverse the debasement of coinage at the time; the notion is that a soldier worked for such 'coins' or 'pay.' \({ }^{4} \mathrm{~A}\) console is a cabinet for a stereo system or television that unites all components into a 'whole.' \({ }^{5}\) Citus comes from the Latin verb ciere which means 'to move or stir up,' hence sollicitus is the 'movement of something once held firm,' which consequently causes 'worry' or undue 'anxiety.' \({ }^{6}\) The insouciant halfpipe champ was 'not' in the least 'troubled' that he fell on his first run.
}


Solor, solari, solatus sum-to comfort, mitigate, relieve \{solac\}


Solus-sole, alone, lonely \{sull\}


Solvo, solvere, solvi, solutum - to loosen, untie, destroy \(\{\) sol \(\}\)
Absolvo, absolvere, absolvi, absolutum - to set free, free

\[
\begin{gathered}
\text { Somnus }^{7} \text { - sleep }\{\text { somni- }\} \\
\text { Sopor - sleep }\{\text { sop }\}
\end{gathered}
\]

\footnotetext{
\({ }^{1}\) When one solves a problem, one etymologically 'unties' or 'loosens' it when providing a correct solution, or that which has 'untied' the issue. \({ }^{2}\) When sugar dissolves in water, its molecules are etymologically 'untied' or 'destroyed,' and hence disappear. \({ }^{3}\) If your teacher is absolutely correct, she is 'free' or 'loosened from' all error. 'If one is resolute or shows resolve, one is determined to be 'loosened' or 'untied' from any impediments that might hinder an endeavor. \({ }^{5}\) Etymologically 'set free' from any warmth, or molecular motion, at all. \({ }^{6}\) If one is financially solvent, one can meet, or etymologically 'destroy' or 'loosen' all financial obligations. \({ }^{7}\) Cognate with Greek hypnos, 'sleep;' see p. 493.
}
```

                        personal computer sonnet }\mp@subsup{}{}{2}\mathrm{ NMR-md
                sound (n.) resound sonatina-mu grandisonant
            sound (v.) resounding assonant resonance hybrid-CH
        sounding resonant assonance }\mp@subsup{}{}{3}\mathrm{ resonator-s horrisonant
    sounded resonance consonant (adj.) sonics-s rhonchisonant
    sound bite resonate consonance sonnet cycle-LE fluctisonant
consonant }\mp@subsup{}{}{1}\mathrm{ (n.) sonic sonorous sonic barrier-gk
supersonic dissonant
Supersonics dissonance
PC persona
sonar personable
person 4 personification
salesperson personify
personalize impersonator
personality impersonation
personal impersonal
personally impersonate
unison impersonally
personnel first person narrator
soundless sonata
personhood personal pronoun appersonation-PS
personal effects third person omniscient narrator sonometer-s
third person limited narrator sonic boom-gk sonant-lg
personal foul-sp sone-md son et lumière-a parson-r
personal equation-PS personalia-fl sonography-s
The Sound and the Fury-LE
Moonlight Sonata-mu
in propria persona-fl
Petrarchan sonnet-LE
Spenserian sonnet-LE
Shakespearean sonnet-LE
The Sonnets of Shakespeare-LE
Sonnets from the Portuguese-LE
personal injury-1 transonic-ar
sonata da camera-mu personalty-1
son bouches-mu
soniferous-gk
sonoluminescence-CH Personae-LE sonobuoy-ms
sonovox-md sonochemistry-CH sonolysis-CH
sonogram-s/md sonograph-s/md
sonorant-lg
ultrasonogram-md ultrasound-md ultrasonography-md

```

\title{
Sono, sonare, sonavi, sonatum - to sound \(\{\) sound \(\}\) Sonus - sound \{sono-, sound\} Persona \({ }^{4}\) - mask, role, character
}

\footnotetext{
\({ }^{1} \mathrm{~A}\) consonant is a letter that must 'sound with' a vowel. \({ }^{2}\) Etymologically a 'little sound' or 'little song.' \({ }^{3}\) The repetition of similar vowels that 'sound near' each other in a text. \({ }^{4}\) A highly debated etymology. Some sources indicate that the Latin persona probably ultimately comes from the Etruscan phersu, 'mask;' others aver that persona is related to the Latin verb personare, 'to sound through.' Indeed, a 'mask' is that which an actress 'sounds through' as she acts her role, whether it be physical or metaphorical; in turn, all persons sound through 'masks,' as it were: it is very hard to divine the true nature of anyone, so we must resign ourselves, even if we can say we know someone 'personally,' to only knowing their 'mask,' or their outward, facial appearance that they want us to perceive, rather than their inner, true self.
}
absorb


Sorbeo, sorbere, sorbui (sorpsi), sorbitum - to suck up, soak up \{sorpt\} Absorbeo, absorbere, absorpsi, absorptum - to swallow down, soak up
sorority \begin{tabular}{c} 
sororal \begin{tabular}{c} 
sororate-ap \\
cousin sororicide polygyny-ap \\
cousinhood sororize-gk consobrine \\
cousinly soroptimist-gk \\
cousin-german-gk
\end{tabular} \\
Soror-sister
\end{tabular} Consobrinus-son of one's mother's sister \{cousin\}
\begin{tabular}{|c|c|c|}
\hline \multicolumn{2}{|l|}{assort} & assortative-Bz \\
\hline assorted & consort \({ }^{2}\) (v.) & ensorcelled-gk \\
\hline assortment resort & consort (n.) & sortilege-gk \\
\hline re-sort & consortium & sortation-gk \\
\hline sorcery & & sortal-gk \\
\hline sorcerer \({ }^{1}\) & sortes Vir & iae-gk \\
\hline sorceress & sortes H & cae-gk \\
\hline & sorcerous sortes & ae-gk \\
\hline sort (v.) & sorted The Shep & ds' Consort-LE \\
\hline presorted & sorting & sorter \\
\hline out of sorts & sort out & unsorted \\
\hline sort (n.) & sort of sor & \\
\hline
\end{tabular}

Sors, sortis-lot, fortune, order, condition, rank, class \{sorc\}

\footnotetext{
\({ }^{1}\) A sorcerer was etymologically a chooser of 'lots' which helped him foretell the future; in time the meaning broadened into 'someone who casts spells.' \({ }^{2} \mathrm{We}\) consort with whom we've cast our 'lot;' our consort is she or he with whom we are 'fated' to be.
}


\section*{Spargo, spargere, sparsi, sparsum -to scatter, besprinkle \{sparag, sperg, spers\}}


\footnotetext{
\({ }^{1}\) Asparagus is well know for 'scattering' its seeds 'to' the wind. \({ }^{2}\) To cast aspersions is to 'sprinkle' about slanderous comments.
}

\begin{tabular}{ccc} 
prospect (n.) & perspective & spectroscopic binary-as \\
prospects & perspicacious & spectroscopy-as \\
prospector & perspicacity & specific heat-CH \\
special education & prospective & specific weight-CH \\
& respite & spectatoritis-sp \\
& retrospection & spectroradiometer-as \\
& electromagnetic spectrum & spiegeleisen-mt \\
& Great Expectations prospectus-\$ \\
x-ray spectrometer-s & \\
& pathfinder prospectus-\$ & \\
& Specimen Days and Collect-LE
\end{tabular}

\section*{Specio, specere, spexi, spectum - to see,}
observe, look, watch over \{spic, spis, spit\}
Species - a seeing, kind, form, species \{spic\} Spectrum -appearance, phantom \{spectro-\}
Exspecto, exspectare, exspectavi, exspectatum - to wait for, look out for \{expect, expectat\}
Respicio, respicere, respexi, respectum - to look back, turn to see, heed, have regard for
despair (v.) sperable
despairing
desperate desperado
speratory
esperance
desperately prosperous Desperate Remedies-LE
desperation despair (n.) despair- \(\Phi\)
prosper Prospero-LE
prosperity
prosperousness

Spero, sperare, speravi, speratum - to hope, hope for \{spair\}
Prosperus-favorable
spirochetosis-md
spirogyra-Bb spirillum-Bz
spirometer-md spireme-BCM
spironolactone-CH spirochete-Bz
spirula-Bz spirea-Bb
spiral ganglion-an spire
spiral galaxy-as
spiralization-gk spiral canine leptospirosis-vt spiricle-Bb spirally spire-Bz
spirifer-Bz
spirocylclane-CH spirograph-md spiroid-gk
spiroplasma-B

> Spira - a coil \{spir, spiro- \(\}\)
> Speira (Gr.) - a coil \{spir, spiro-\}
```

                            spiritous-gk
                    spiritually dispirit spirituous-gs
                    inspire dispirited bel esprit-fl
                    inspiring spirited spirituel-fl
        inspiration }\mp@subsup{}{}{1}\mathrm{ inspired respirator-md
        inspirational conspire inspirited inspirator-md
        uninspiring conspiratorial suspire con spirito-mu
        perspire conspiracy }\mp@subsup{}{}{3}\mathrm{ cespire aspirator-md
    perspiring aspire }\mp@subsup{}{}{4}\mathrm{ suspiration
            perspiration }\mp@subsup{}{}{2}\mathrm{ aspiring sprightly }\mp@subsup{}{}{6
    anti-perspirant aspiration }\mp@subsup{}{}{4}\mathrm{ aspiratory
spirit transpire sprightful
esprit
spirituality expire }\mp@subsup{}{}{5}\mathrm{ esprit de corps
aspirate-lg
aspire-fl
expiratory-md
respiratory-md
expiry-1
\mathrm{ spiritua}
spiritless
expiration
transpiration-B
sprite-my/mt
respiratory spiracle-Bz
inspirer aspirant spirometer-md
uninspired spiritualize spiritualism-gk
conspirator spirit-\Phi
respiration inspirit-gk
spirits-gs
cesspool-gk
aspirata-lg
jeu d'esprit-fl
spirituous-gs
esprit de corps-fl
esprit de l'escalier-fl
Espiritu Santo-ge
The Spirit of '76-a
The Spirit of St. Louis-h
Holy Spirit-r RDS-md RSV-md
irrespirable-md inspiriting-gk spiraculum-Bz
suspirious-gk spiraculate-Bz spirant-lg spiritual-mu
spiration-r spiritoso-mu spiritus lenis-lg spiritus asper-lg
spiritus frumenti-gs spiritdom-gk spirit-rapper-gk spiritus rector-fl
The Phenomenology of Spirit-\Phi De l'esprit-ed The Spirit of the Age-LE
Spiro, spirare, spiravi, spiratum - to breathe {spiro-}
Spiritus - breath, the soul, vigor, that which animates life

```
\begin{tabular}{ccc} 
splendid & resplendently & splendacious-gk \\
splendidly & resplendent splendescent-gk \\
splendor & resplendency splendeurs et misères-fl \\
splendiferous & splendent resplend-gk \\
splendorous The Splendor Falls-LE \\
splendour \\
splendiferously
\end{tabular}

\section*{Splendidus - bright, shining}

\begin{abstract}
\({ }^{1}\) When and artist has an inspiration, an idea has been etymologically 'breathed into' his mind. \({ }^{2}\) 'The act of breathing through' the pores of the skin. \({ }^{3}\) Members of a conspiracy etymologically 'breathe together' when hatching a plot. \({ }^{4}\) Via Latin aspirare, 'to long for;' when Elissa aspired to become a dancer, she used every 'breath towards' her aspiration. \({ }^{5}\) Again, ' \(x\) ' is linguistically equivalent to ' ks ,' hence the spir morpheme is retained; to expire is to 'breathe out' one's last breath. \({ }^{6}\) From spiritus.
\end{abstract}


\section*{Spondeo, spondere, spopondi, sponsum - to pledge, promise \{spous\}}

\section*{Sponte - of one's own accord}

Respondeo, respondere, respondi, responsum - to reply, answer \({ }^{4}\) \{ripost\}


Stagnum - a pool of standing water
stelliform-s estellation
stellify-my/gk stellifer
quasar \({ }^{7}\)-as
stella-Bz
constellation \({ }^{6}\) stellar Stella Maria-r
Stella constellate stellarator-PH
interstellar Stellaria-Bb
stellar wind-as
stellate-s stellular-gk
stellite-ml
stellate ganglion-an stelliferous-B stellate reticulum-an
stelline-gs
substellar point-as
Astrophel and Stella-LE
Stella-star

\footnotetext{
\({ }^{1}\) 'One makes a 'pledge' or 'promise' of lifelong fidelity to one's spouse. \({ }^{2}\) French for répondez, s'il vous plaît, 'reply, please.' \({ }^{3}\) When one breaks 'from a pledge or promise' one has made to oneself or another one can become 'discouraged' or 'depressed;' via Latin despondere, 'to despair.' \({ }^{4} \mathrm{~A}\) reply is etymologically a 'promise returned' to another in the form of a truthful answer, it is interesting to note that answer is cognate with 'swear,' as in making a 'promise' or proclamation to tell the truth. \({ }^{5} \mathrm{~A} \operatorname{tank}\) is a 'container' where 'water stands;' some sources prefer the Latin stare, 'to stand,' as a more likely root. \({ }^{6}\) A group of 'stars' put 'together' that supposedly shows a picture. \({ }^{7}\) Short for 'quasi-stellar object.'
}
```

                consternate prostrate stratum-g/B
            consternation prostration strata-g/B stratumen
            stray (v.) consternated }\mp@subsup{}{}{1}\mathrm{ substrate straticulate-g
    stray (n.) astray stratospheric stratiform-gk
        straying stratification stratigraphy-g
    street stratify
        street smarts stratified stratus-mt
        street smarts stratified stratus-mt
                                    stratosphere-mt
            streetwise consternating stratocumulus-mt
                streetlight substrate-B/lg
                    streetcar substratum-\Phi
                            substratosphere-mt
                cirrostratus-mt superstratum-lg/gk
        stratus maculosus-mt
                stratificational grammar-gr
                        nimbostratus-mt
                        altostratus-mt
                stratum germinativum-an
                        stratopause-mt
                stratum granulosum-d/an
                stratum lucidum-an
                                    stratovolcano-g
                                stratum corneum-an
    stratocirrus-mt stratotype-g stratose-Bb
                    A Streetcar Named Desire-LE
    ```

\title{
Sterno, sternere, stravi, stratum - to spread out, strew, extend, pave, knock \\ down, strike down, lie flat \{stray, street\} \\ Stratum - covering \{strati-\}
}
\begin{tabular}{c} 
style \\
(n.) \\
stylish \\
styleless \\
style (v.) \begin{tabular}{c} 
stiletto-gk
\end{tabular} \\
stylize \begin{tabular}{c} 
stiletto heel-fs \\
stylization \\
stylet-Bz \\
stylistics-LE
\end{tabular} \\
styloid-an \\
stylion-an \\
stylus-gk \\
stilus-gk \\
stylus-gk/CS \\
stylohyoid-an \\
styliform-an \\
stylomandibular-an \\
stylomastoid-an \\
stylopharyngeus-an
\end{tabular}

Stilus - pointed instrument for writing, plant stem \{styl, stylo-\}

\footnotetext{
\({ }^{1}\) 'Thoroughly knocked down' with dismay or fear. \({ }^{2}\) One's style is etymologically the 'way' one utilizes one's stilus, i.e. the 'way' or 'manner' in which one writes.
}

            indistinctness inextinguishable

\title{
Stinguo, stinguere, stinxi, stinctum - to quench, pierce, prick \{tinct, ting\} Distinguo, distinguere, distinxi, distinctum - to separate \({ }^{2}\), pick out, differentiate \\ Exstinguo, exstinguere, exstinxi, exstinctum - to quench, wipe out, obliterate \{extinct, extingu\}
}

\footnotetext{
\({ }^{1}\) An instinct is etymologically that which incites or 'pricks upon' an animal to 'goad' it 'into' doing something.
\({ }^{2}\) To separate items is to 'prick' them apart.
}
```

                        statesmanship
                        statesmanlike
                        statehouse U.S.A.-LE
                        re-establish staid substance-\Phi
        Constantine stately astatine-CH
        Constantinople overstated epistemology-\Phi
        interstate overstate prestidigitation-gk
            distantly restitution prostate-md
            U.S.A. statute systemic lupus erythematosus-md
        station (n.) status establishmentarian-gk
        stationed status quo staunch disestablishmentarianism-gk
        stationary stabile (adj.) stanch circumstantial evidence-1
        stationery stabilize armistice est.-gk ground state-PH
            obstacle }\mp@subsup{}{}{5}\mathrm{ destabilize statutory circumstantiate-gk
            obstacle course establish homeostasis constitutionalism-ps
        constitution establishment constituency constitutional monarchy-ps
        constitutional established constitutive pactum de constituto-h
        state (v.) circumstantial restiveness constitutum-h
            restate stature restitute superstation-gk
                stable constitute substantive substation-gk
            unstable substitutive
    ```

```

        stability insubstantial restive}\mp@subsup{}{}{7}\mathrm{ substantia gelatinosa-an
        circumstance substantiate arrestive substantia nigra-an
            Constitution unsubstantiated apostatize substantive-gr
                state (n.) statuesque apostasy consubstantiation-r
            instant (adj.) stanza}\mp@subsup{}{}{2}\mathrm{ apostate substance-Ф
            obstetrician substantia propria-an
                    stagy substantive genitive-gr
                staginess substituend-\Phi/lg
                                substantialism-\Phi
                                    constative-\Phi/gr
                                    feedback system-s
                                    estate tax-$
                                    instant replay-sp
                                    instantiate-gk
                                    instanter-1
                                    distance learning-ed
                                    institutionalism-r
                                    institutionalize-gk
                                    obstetrics-md
                                    statist-gk
                                    transubstantiation-r
                instance static
        instantaneous reinstate
        instantaneously outstay
                instantaneousness destine
    distant }\mp@subsup{}{}{1
                        destined
                distance predestine
                                    bistable-s
                    contrast medium-md
                                    contrasty-a
                            contrastive-lg
        steady state-PH
                                    ouster-1
    '1}\textrm{A}\mathrm{ 'standing away from.' }\mp@subsup{}{}{2}\mathrm{ Via Italian stanza, 'stopping place.' }\mp@subsup{}{}{3}Via Latin destituere, 'to deprive, leave without;'
i.e. a 'standing from' help, aid, etc. }\mp@subsup{}{}{4}\textrm{A}\mathrm{ statistic is a piece of 'numerical information' which etymologically helps
describe the 'state' of something from which one has collected data. }\mp@subsup{}{}{5}\mathrm{ If one ousts a contender, one hinders
him or 'stands in his way' by forcing him out of a position; via Latin obstare, 'to hinder,' whence also obstacle
and obstetrician, the latter a physician who facilitates a birth by 'standing opposite' a mother-to-be. }\mp@subsup{}{}{6}\textrm{An
obstinate person 'persists,' or 'stands motionless;' via obstinare, 'to be determined on.' }\mp@subsup{}{}{7}\mathrm{ Restive has
completely switched gears semantically from its root.

```
```

    institutional predestination predestined pressgang-gk press-gk
        institution institute (n.) ecstasy STRESS-CS
    ```

```

        stagecoach systematic aesthetic arrest-LE
            stage fright systematize cardiac arrest-md
                    statesman systemic arrêt-gk
                        stateswoman culprit statice-Bb
                            statesperson upstage (v.) statokinetic-md
                contrast (n.) upstage (adv.) stationer-gk
        contrasting stateliness
    stay (v.) stay (n.) constitutionality
    staying contrasted equidistant systematics-B statics-s
        unconstitutional substitute (v.) upstage (adj.) static RAM-CS
                        station (v.) reconstitute stet-fl
                outdistance stabilization in statu nascendi-fl
            rest }\mp@subsup{}{}{2}\mathrm{ (v.) obstinately systems analyst-gk
                rest (n.) staging Benjamin Constant-LE
                arrest (v.) statistical estancia-fl
                arrested reinstatement stat.-gk
            arrestee statistically rheostat-s
                Constance substantially heliostat-s
            destiny unsubstantial metastable-PH/CH
                destination constituent statant-he
        stateside thermostat }\mp@subsup{}{}{5}\mathrm{ extant cryostat-s metastases-md
    system }\mp@subsup{}{}{3}\mathrm{ stateroom manifest destiny systemic circulation-anmetastasis-md
statement arrest (n.) arrested Planck's constant-PH metastasize-md
state of the art ecosystem constable-gk/ps dichastasis-gk hemostat-md
cost4 (n.) status symbol hypostasis-\Phi/r/md/BCM hemostasis-md
costliness cost of living static electricity epistasis-BCM/md
misstatement cost (v.) costly misstate orthostatic-gk stabile (n.)-a
iconostasis-r/at isostasy-g antistasis-gk NASDAQ-\$
astatine-CH astasis-md pou sto-gk diastase-BCM
stasis-md prostitute-gk stasigenesis-B fungistatic-s/md
statin-md stative-gr anastatic-gk aposteme
Stations of the Cross-r stasimon-LE catastasis-LE obstaculous
statism-ps state of nature-\Phi stasiphobia-PS apocatastasis
statoblast-Bz statocyst-Bz statolith-an stator-s statutable-1 statusy-gk
statolatry-ps statoreceptor-an statolon-BCM statospore-Bb statotonic-md
statuquoite-gk status asthmaticus-md status epilepticus-md
status lymphaticus-md statoacoustic-an restharrow-Bb
The Belton Estate-LE The Elder Statesman-LE The Ecstasy-LE
The Loneliness of the Long Distance Runner-LE astasia-md
antidisestablishmentarianism-gk
antiestablishmentarianism-gk
Julian the Apostate-LE
stage-diving-gk

```

\section*{Sto, stare, steti, statum \({ }^{6}\) - to stand, stand still}
\{stag, stanc, stant, stet, stic, stit\}
\({ }^{1} \mathrm{~A}\) stage is a place an actor 'stands' upon to act; a 'stage of life' is yet another step upon which one 'stands' as one journeys through life; cf. 'stagecoach.' \({ }^{2}\) This is the verb rest which means 'to remain,' as in 'rest assured that we will all live,' and the noun that means 'remainder;' 'rest,' as in a 'break from work,' comes from Middle English. \({ }^{3}\) Etymologically that which 'stands together.' \({ }^{4} V i a\) constare, 'to stand with;' a price 'stands with' every product. \({ }^{5}\) See note 2 , p. 599 . \({ }^{6}\) Please see derivational roots of stare on the top of the next page.

Constituo, constituere, constitui, constitutum - to set up, decide Destino, destinare, destinavi, destinatum - to determine \({ }^{\mathbf{1}}\), mark out Instans, instantis - urgent, present, take a stand \{instanc\} Instituo, instituere, institui, institutum - to erect, set up, set in operation, originate, teach
Resto, restare, restiti-to stay put, stand still, remain
Stabilis - steady, firm \{stabl\}
Statio, stationis - resting place, state of standing still, standing guard, position
in life, place of business
Histanai (Gr.) - to place, cause to stand \{stem\}
Stasis (Gr.) - a standing, standing still \{-stasis\}
Statos (Gr.) - standing, placed \{-stat, stato-\}
Washington, D.C.
Strait of Gibraltar
district stricture sensu stricto-s
strictness stressor stringways-sp
strictly prestige \(^{2}\) constrain stricture-md strain (n.) prestigious astringent distrain-1
strained stringent constrained stress fracture-md
straitjacket strait constraining stressless-LE/lg
stress (v.) straits unstressed-lg
stressful straiten constringe-md
stressed strait-laced distress signal-gk
stressed-out distress distraint-1
boa constrictor distressed \({ }^{1}\)
bowstring distressing
restrain constrict
District of Columbia constriction
string (n.) constrictive
stringy constraint
string bean restraint
stringed instrument restrained
string along restrict
stringiness restriction district attorney-1 district court-1 restraining order-1 restriction enzyme-BCM restrictive-gr astringent-md astriction-md superstring-PH
strain (v.)
restrictive
obstriction-gk unrestricted free agent-sp
stress (n.) stringency perstringe-gk strain theory-CH
string (v.) distressful distrait-ge strictum ius-1 stricti juris-1
overstrain unrestrained strait-ge
overstrained self-restraint stringendo-mu
strainer stretto-mu strictissimi juris-1
first string stretta-mu
strict abstrict-Bb
string quartet Strait of Magellan-ge

\title{
Stringo, stringere, strinxi, strictum - to draw tight, tighten, confine \{strain, straint, strait, stress\} \\ Praestigia-trick, deceit \(\left\{\right.\) prestig \(\left.{ }^{2}\right\}\)
}

\footnotetext{
\({ }^{1}\) Etymologically 'tightened or stretched apart.' \({ }^{2}\) One plays 'tricks' upon someone by 'drawing (a blindfold) tight' over their eyes. Prestige originally meant 'trick' or 'illusion,' and only later reversed semantically into a positive character trait; imagine the charientisms one could handily employ with this word!
}


\title{
Struo, struere, struxi, structum - to build, construct \{stroy\} Industrius-diligent
}

Instruo, instruere, instruxi, instructum - to build, prepare, teach, equip

\footnotetext{
\({ }^{1}\) An instrument is a 'tool' with which one is 'equipped' or 'prepared' to do something. \({ }^{2}\) If one is industrious, one 'diligently' works in creating or 'constructing' something.
}
```

        study (v.)
    study (n.)
studying
student studiously
studio apartment studio
study hall Paganini Etudes-mu
tweezers }\mp@subsup{}{}{1}\mathrm{ student union-gk
studied studiolo-gk
The Student-LE
Ethical Studies-\Phi
The Study of Poetry-LE

```

\section*{Studeo, studere, studui - to have zeal for, devote oneself to}


Stupeo, stupere, stupui - to become dazed, be amazed, be brainless
\begin{tabular}{ccccc}
\multicolumn{2}{c}{ persuade } & dissuade & \multicolumn{2}{c}{ Persuasion-LE }
\end{tabular} suaveolent

\title{
Suadeo, suadere, suasi, suasum - to advise, recommend, urge, make sweet Suavis - delightful, sweet \{suag\}
}

\footnotetext{
\({ }^{1}\) Via the French étui, 'case, box,' in which needles or tweezers could be safely kept; one can 'study' something closely by holding it with a pair of tweezers. \({ }^{2}\) When Eve persuaded Adam to taste the apple she made the fruit sound so 'thoroughly sweet' that he simply couldn't resist.
}
\[
\begin{aligned}
& \begin{array}{ccccc}
\frac{\text { Sub- }}{} & \text { Suc- } & \text { Suf- } & \text { Sug- } & \text { Sup- } \\
\text { subscribe } & \text { succeed } & \text { suffer } & \text { suggest } & \text { support } \\
\text { submarine } & \text { succor } & \text { sufficient } & \text { suggestive } & \text { supplicate } \\
\text { subterranean } & \text { succumb } & \text { suffocate } & & \text { supply } \\
\text { subpoena } & \text { successive } & \text { suffix } & & \text { suppose } \\
\text { subjugate } & \text { succubus-my } & \text { suffumigate } & & \text { suppress } \\
\text { suburb } & & \text { suffice } & & \text { supposition } \\
& & \text { subtract } & &
\end{array} \\
& \text { Sur- Sus- } \\
& \text { surrogate sustenance } \\
& \text { surreptitious suspect } \\
& \text { suspend } \\
& \text { susceptible } \\
& \text { suspenseful }
\end{aligned}
\]

\title{
Sulb - under, from below, at the foot of, to the foot of
}

> exuded
> exude transude-gk
> exuding exudation-mt sudary sudorific-md desudation-md sudoresis-md sudoriferous-md sudarium-r sudoral-md sudoric acid-CH sudatorium-h/gk suint-gk sudoriparous-md
> Sudo, sudare, sudavi, sudatum - to sweat \{ud\}
> Sudor-sweat
> customer \({ }^{1}\)
> custom
> unaccustomed
> customary desuetude customable-\$ custom-built \({ }^{2}\) consuetude- \(1 / \mathrm{gk}\)
> customize mansuetude-gk
> customhouse mastiff-gk
> customs costumier-gk
> customarily consuetudinary-gk
> accustom
> accustomed
> costume \({ }^{3}\)
> costumed
> costuming

Suesco, suescere, suevi, suetum - to accustom, get accustomed to Consuesco, consuescere, consuevi, consuetum - to become used to, form a habit of \{costum, custom\}

\footnotetext{
\({ }^{1} \mathrm{~A}\) customer of a store 'forms a habit of' frequenting it, or 'becomes used to' going there. \({ }^{2}\) A custom-built home is etymologically one that only a particular 'customer' can 'become used to.' \({ }^{3}\) One's costume is etymologically that which one 'becomes used to' wearing that is appropriate for a given stage in life.
}


Sum, esse, fui, futurus - to be, exist, be real \{ent, est, senc, sent\} Prosum, prodesse, profui - to be good, be of use, be helpful \{prid, proud, prov, prow, prud\}

\footnotetext{
\({ }^{1}\) To 'be away.' \({ }^{2}\) From an etymological viewpoint, to 'be among' people, places, or things is to show interest in them. \({ }^{3}\) To currently 'be in front of.' \({ }^{4}\) The future is always that which is 'about to be.' \({ }^{5}\) The essence of anything gives it its 'being' or 'existence,' and hence is its 'unchanging center.' \({ }^{6}\) Truncated from the French prude femme, a 'good or virtuous woman;' a prude now is considered too virtuous. \({ }^{7}\) See note 1, p. 309.
}


\section*{Summus - extreme, highest, topmost, principal, chief}
assume
assumption resume (v.)
assuming unassuming sumptuary Assumption-r
assumed reassume
resumption
consumer
consume
consumption
consumable
presumable
presumably
time-consuming presumably
sumptuous
sumptuousness
consumptive presuming
presumptive
\(\qquad\)
presumptuous assumable-\$ subsume assumpsit-1 presume presumptuousness consumption-md presumption consumerism-gk

 subsumption- \(\Phi\)
transumption- \(\Phi\) transumption- \(\Phi\)
sumpsimus-fl
mumpsimus-gk
all-consuming sumptuary laws-1
sumption-Ф
prosumer-\$
Sumo, sumere, sumpsi, sumptum - to take up, put on, ingest, get, use

\author{
suture-md/B \\ couture-fs \\ accouter haute couture-fs \\ accouterments couturier-fs \\ suture (v.) couturière-fs \\ suture (n.)
}

\section*{Suo, suere, sui, sutum - to sew, stitch together \\ Consuo, consuere, consui, consutum - to sew together \{cout\}}

\footnotetext{
\({ }^{1}\) Roman accountants performed their sums from the bottom to the top, thereby putting the result of their addition at the 'topmost' or 'highest' position, whereas we place the sum at the bottom, or lowest position. \({ }^{2} \mathrm{~A}\) summary recounts the 'chief' or 'principal' aspects of a story, account, etc. \({ }^{3}\) Also 'resume' and 'resumé;' a document which briefly summarizes or 'takes up again' the events of one's work experience for a prospective employer's review.
}

\[
\text { Super-over, above }\{\text { sov, sur- }\}
\]

Superbus - lofty, worthy of pride
Superior-higher, upper
Supra-above, beyond \{sopra\}
Supremus - highest, topmost

\footnotetext{
\({ }^{1}\) The surface of something is etymologically the 'face above' it. \({ }^{2}\) The sirloin is that cut of meat located on the 'upper' part of the 'loin.' \({ }^{2}\) The surname is that name which is 'over' the family and thereby identifies it, i.e. its 'last name.'
}


Surgo, surgere, surrexi, surrectum - to rise, get up \{sorg, sourc\}
\begin{tabular}{|c|c|c|}
\hline unsoiled soiled soil (v.) & sully unsullied & Suidae-Bz sus-Bz soilage-gk \\
\hline & Suiformes-Bz suid-Bz suidian-Bz & \\
\hline
\end{tabular}

Sus, suis - hog, swine
Suculus \(^{4}\) - piglet \(\{\) soil, sull \(\}\)
\({ }^{1}\) The source of a river is the place from which it first 'rises.' \({ }^{2}\) Resources are useful means which are constantly available or etymologically 'arise again and again.' \({ }^{3}\) The 'act of rising up against.' \({ }^{4}\) Although to some a roasted 'piglet' may be succulent, the word 'succulent' comes from the Latin succus, 'juice;' a 'piglet's' proclivity for rolling in the mud lies behind 'soiling' and 'sullying.'
\(\mathbb{T}\) : IIatin


Tabula - board, plank, slate \(\{\) tabl \(\}\)
\begin{tabular}{ccc} 
reticent & tacitly tacit & \\
reticence & tacenda-fl conticent \\
taciturn & Tacitus-LE \\
taciturnity & tacet-mu \\
taciturnly tacit relocation-1 \\
\multicolumn{2}{c}{ tacitness } & tace-fl
\end{tabular}

Taceo, tacere, tacui, tacitum - to be silent, be quiet \(\{\) tic \(\}\)
tedium hierofastidia
tediously tedious tediousness fastidious fastidiously fastidiousness

Taedium - weariness, irksomeness, ennui \{tedi\} Fastidium - repulsion, squeamishness


Talea-a cutting, stick \{tail, tall\}

\footnotetext{
\({ }^{1}\) Retail is 'selling in small quantities,' or etymologically in bits 'cut-off' from a larger supplier. \({ }^{2}\) To tell in detail is carefully to 'cut off' plenty of descriptive bits of an occurrence. \({ }^{3} \mathrm{~A}\) tally was often registered by 'cutting' notches in a 'stick,' itself a 'cutting' from a tree.
}


Tango, tangere, tetigi, tactum - to touch, reach, affect \{tag, tain, tast, ting\}

\title{
Taxo, taxare, taxavi, taxatum - to assess, value, criticize, impose work \(\left\{\right.\) task \(\left.{ }^{4}\right\}\) Integer, integra \({ }^{5}\) - whole, entire, untouched \{entir\} \\ Contamino, contaminare, contaminavi, contaminatum -to corrupt, pollute, defile \({ }^{6}\)
}

\footnotetext{
\({ }^{1}\) To taste something is to 'touch' it with one's tongue. \({ }^{2}\) Short for 'taximeter,' a measuring device installed in a taxi to 'assess a charge.' \({ }^{3}\) To show tact is to take into account how one's own conduct might 'touch' or 'affect' another. \({ }^{4}\) One must 'touch' things to carry out a task. \({ }^{5}\) Also see Integer tree, p. 175. \({ }^{6} \mathrm{By}\) 'contact' or 'touching' is understood.
}



Tego, tegere, texi, tectum - to cover, shield, conceal, protect Tectum-roof
Tegula-tile \{til\}
Stegein (Gr.) - to cover, shelter \{stego-\}


Tempero, temperare, temperavi, temperatum - to regulate, mix properly, exercise moderation, modify \{tamper\}

\footnotetext{
\({ }^{1}\) To take the 'cover off.' \({ }^{2}\) Via the Latin toga, etymologically a 'covering' for the body. \({ }^{3}\) Nowadays, one in a temper does not 'exercise moderation.' \({ }^{4}\) Temperature originally meant 'mild weather,' or weather that was 'mixed properly,' that is, neither too hot nor too cold; this meaning later evolved into how warm or cold the weather actually was. \({ }^{5}\) Temperament refers to one's 'properly mixed' character traits.
}


\section*{Tempto, temptare, temptavi, temptatum - to touch, feel, attack, urge, excite \{tent, tentat\} Tentaculum - feeler, tentacle \(\{\) tentacl \(\}\)}


\section*{Tempus, temporis - time, side of the forehead \({ }^{\mathbf{1}}\) \{templ, tens\} Tempestas - period of time, season, weather, storm}

\footnotetext{
\({ }^{1}\) Although these two meanings of tempus seem completely unrelated, the connection between them seems to be that when a man's temple, or 'side of his forehead,' was 'properly placed,' that is, advantageously turned towards an assailant, it was then the right 'time' for the attacker to fruitfully strike his 'temporarily' vulnerable spot.
}


\section*{Tendo, tendere, tetendi, tensum (tentum) - to stretch, stretch out, extend, proceed to a destination, exert, strain, struggle Ostendo, ostendere, ostendi, ostensum (ostentum) - to show, exhibit}

\footnotetext{
\({ }^{1} \mathrm{~A}\) tent is 'stretched out' on a frame. \({ }^{2}\) To pretend is etymologically to 'stretch out in front of' reality. \({ }^{3}\) To give attention one etymologically 'stretches out towards' someone. \({ }^{4}\) The root tendere only influenced the formation of tendon; for the direct root, see the Teinein tree, p. 602. \({ }^{5}\) A 'stretching in front of' the truth. \({ }^{6} \mathrm{~A}\) 'stretching before' others to make them take notice. \({ }^{7}\) Something intense is 'stretched taut' so as to be extreme or a 'strain.' \({ }^{8}\) 'Stretched out' towards a particular point of view.
}


\title{
Teneo, tenere, tenui, tentum - to hold, reach,
}
occupy, persist, remain, retain \{tain, tin\}
Contineo, continere, continui, contentum - to hold together, sustain Retineo, retinere, retinui, retentum - to hold fast, keep \{rein, retain\}

\footnotetext{
\({ }^{1}\) See note 1, p. 200. \({ }^{2}\) In tennis, the server used to shout Tenez! 'Hold!' to warn his opponent of an impending serve. \({ }^{3}\) The goal of entertainers is to 'hold (interest) among' an audience. \({ }^{4}\) See note 4, p. 212. \({ }^{5}\) Continuous rain over a two day period would have no breaks; continual rain would have brief respites. \({ }^{6} \mathrm{~A}\) more emphatic version of 'tenacious,' pertinacious pertains to a 'thorough holding' to a task.
}

Tender is the Night-LE
tender (adj.) intenerate-gk
tender (v.) tendril tenderize-gs
tenderhearted tenderfoot-gk tenderer
tenderloin-gs tenderest tenderly
tenderness
tenderheartedly

\section*{Tener - delicate, soft, young \{tend, tendr\}}
\begin{tabular}{ccc} 
tenuous & \\
extenuate & attenuated & attenuator-s \\
extenuating \({ }^{1}\) & attenuation & tenuis-lg \\
extenuation attenuate & tenulin-CH \\
tenuously \begin{tabular}{c} 
tenuity
\end{tabular} & Tenuirostres-Bz \\
& tenuiflorous-Bb & \\
& tenuifolious-Bb &
\end{tabular}

\section*{Tenuis - thin, narrow}


Terminus - boundary, end, furthest point, limit \{term\}

\footnotetext{
\({ }^{1}\) Extenuating circumstances help 'thin out' or mitigate responsibility. \({ }^{2}\) To make a final determination is to put all other possibilities 'off limits.' \({ }^{3}\) Term papers are usually due at the 'end' of the term, or semester's 'furthest point.' \({ }^{4}\) The terminal is the building where a train or plane stops, etymologically its endpoint.
}


\section*{Tero, terere, trivi, tritum - to rub, wear away, wear out}

\section*{Detrimentum - reduction, damage}

Tribulo, tribulare - to oppress, afflict


\footnotetext{
\({ }^{1} \mathrm{~A}\) trite observation has been 'worn away' of any useful meaning or interest; a good synonym is 'hackneyed.' \({ }^{2}\) Via the Latin terracea, 'earthen mound;' a terrace today of any form is etymologically a modified 'earthen mound,' such as a porch, platform, or patio. \({ }^{3}\) This breed of dog originally ferreted game from holes in the 'earth.' \({ }^{4}\) The sea 'in the middle of the land.' \({ }^{5}\) To place 'into the earth.'
}
```

    terrify terricrepant
    terrific }\mp@subsup{}{}{1}\quad\begin{array}{r}{\mathrm{ terrifying}}\\{\mp@subsup{\mathrm{ deter }}{}{2}}
    cyberterrorist terribilita-gk
    night terrors-gk terriculament
        deterrence Terror-LE
    deterrent in terrorem-fl
                    terrorize undeterred
    terrorist cyberterrorism Ivan the Terrible-h
            terrorism Reign of Terror-h
                    terror enfant terrible-fl
    ```
Terreo, terrere, terrui, territum - to scare, frighten, fill with violent fear \{ter\}

\({ }^{1}\) Something terrific can cause 'fright' or 'awe,' the latter a mild form of 'fear,' and thus can be viewed as something 'splendid.' \({ }^{2}\) To 'scare off.' \({ }^{3}\) To protest an issue is etymologically to 'bear witness for' a dissenting opinion. \({ }^{4}\) In a contest one 'bears witness' to one's abilities as a 'proof' or 'indicator' of one's level of expertise. \({ }^{5}\) Etymologically to 'bear witness against' someone or something due to intense dislike; via Latin detestari, 'to loathe, execrate.' \({ }^{6}\) To die intestate is to die legally 'without a witness,' i.e. 'without a will.'


\title{
Texo, texere, texui, textum - to weave, plait, construct with care, compose \{tiss\} Tela - web, cloth \(\{\) till, tl, toil\}
}

\author{
intimidate \\ intimidated \\ intimidation timoroso-mu timotrudia \\ timid timidity \\ timorous \\ timorously \\ timidly \\ timidness
}

\section*{Timeo, timere, timui - to fear, be afraid}


Tingo, tingere, tinxi, tinctum - to dye, wet, stain \{tain, taint, tint\}

\footnotetext{
\({ }^{1} \mathrm{~A}\) text is words 'woven' together that forms a narrative. \({ }^{2}\) The thickness or fineness of a 'weaving' determines its texture. \({ }^{3}\) A bodily tissue, such as muscle, is comprised of strands of fiber 'woven' together; paper tissue is formed from 'intertwined' fine paper fibers. 'So many lies that they have become 'intertwined,' or 'woven' together. \({ }^{5}\) A person's toilet originally referred to the act of dressing (i.e. with 'cloth,' which is 'woven') and grooming; it was later extended to the room in which one dressed which had access to a lavatory, containing what we know today as a toilet. \({ }^{6} \mathrm{~A}\) word in context is 'woven with' other words which creates a grammatical and semantic relationship. \({ }^{7}\) A subtlety is etymologically a passing of the finest thread 'under the web' to 'weave' the finest of cloth; this later metaphorically developed into the making of 'fine' or subtle distinctions. \({ }^{8}\) Susha was caught in the toils of despair, entangled by a 'web' of difficulties beyond her control.
}
```

                                    titulus-fl
                                    title role-f
            entitle entitlement-gk
            entitled titular subtitle-gk
            title (n.) tilde-lg
    title page tittle-gk
title (v.) titled-gk
titlist-sp
title-1
titleholder-1/sp
titulature-h
`Title divine-is mine!'-LE

```
            Titulus - label, title, description \(\{\) titl \(\}\)
                extol
                    extolled
            tolerate
                tolerance-md/B
                    toleration
                                    tolerable
    intolerable
                    tolerance
        intolerance
                tolerant
                intolerant
                    intolerably
                        tolerably

Tollo, tollere, sustuli, sublatum - to raise, lift up, carry Tolero, tolerare, toleravi, toleratum - to bear, endure


\section*{Tono, tonare, tonui, tonitum - to thunder, sound like thunder \{ton, torn, tound, tun\}} 'hurricane'), thus converting tronada into tornado, whose meaning became a 'violent whirlwind.'
\begin{tabular}{ccc} 
torpedo \(^{1}\) & \begin{tabular}{c} 
torpor \\
torporific \\
torpid \\
torpidity
\end{tabular} & \begin{tabular}{c} 
torps-ms
\end{tabular} \\
& torpedo tube-ms torpescent \\
& torpedoman-ms \\
& torpefy-gs \\
& torpilleur-h \\
& torpedo-gs \\
& Torpedinidae-Bz
\end{tabular}

\section*{Torpeo, torpere - to be stiff, be numb, be lethargic}


\section*{Torqueo, torquere, torsi, tortum - to twist, wind, wrap \{torch, tors\} Tormentum - physical pain, agony}

\footnotetext{
\({ }^{1}\) The electric ray, also known as the numbfish or torpedo, is a type of torpedo-shaped fish that numbs its prey, much like a military torpedo can disable an enemy. \({ }^{2}\) A flammable material is 'wound' around the end of a stick to produce a torch. \({ }^{3}\) This etymology is obscure; some sources suggest that tortoise and turtle are derived from torquere because of the 'twisted' shape of their legs.
}
```

            toast (n.) torrid
            toast (v.) torridity
        toaster torrent torridly torrefy-ml
        toastmaster torrential Torrid Zone-ge
            toastmistress torrenticole-B
                toasting torrentuous-gk
                    toaster oven
                toasty
    ```

\title{
Torreo, torrere, torrui, tostum - to parch, dry up, burn \{toast\} Torrens, torrentis - rushing stream \({ }^{1}\)
}


Totus - whole, entire \{tult\}
toxin toxicodermatitis-md
antitoxin toxicoderma-md
toxic toxicity sitotoxism-md toxemia-md intoxicant intoxicating toxicant-gk toxicosis-md nontoxic toxicogenic-gk
intoxicate toxicology-md intoxicated toxicomania-gk toxiferous-gk
toxiphobia-PS toxoid-md
toxophorous-md
toxoplasmosis-md detox-gk
pyrotoxin-md
detoxification-md
Toxocara-Bz
toxocariasis-md
toxalbumin-BCM Toxicodendron- Bb
toxicognath -Bz toxiferine- CH Toxoplasma- Bz toxin-antitoxin-md toxic shock syndrome-md picrotoxin-md

Toxicum - poison \{tox, toxi-, toxico-, toxo-\}
\({ }^{1}\) The etymological logic is that a rushing stream looks like it is 'burning,' that is, 'boiling' or 'frothing.'

\title{
A Treatise of Human Nature- \(\Phi\)
}

The Portait of a Lady-LE
Portrait of a Lady-LE
The Portrait-LE
untrained A Portrait of the Artist as a Young Man-LE
training Portrait of the Artist as a Young Dog-LE
traceable entreat Portrait d'une Femme-LE
retreat (v.) extractor Portraits and Repetition-LE obtrect
tractor-trailer entreaty contracted foot-vt
tractor tractable
subtract
intractable \({ }^{3}\)
detrain-gk
detract
detraction detractor abstractedly contract \({ }^{4}\) (v.) protraction
subtrahend-M subtractive-gk/a subtrac
traction contract (n.)
attract
attraction
attractive
unattractive
protractor
retreat (n.)
trace (v.)
treat \({ }^{1}\) (n.)
treat (v.)
contraction
contractile
contractible
contractive
distract \({ }^{5}\)
distraction
distractible
treatable attractor
untreatable
mistreat
extract \({ }^{6}\) (v.)
retractile
tract
protract
traction-md
social contract- \(\Phi\)
Social Contract- \(\Phi\)
contractor-gk/an contract bridge-sp
contract rummy-sp
contract pinochle-sp contracture-md/at ischemic contracture-md ischerren's contracture-md contractionist-ps contractarianism- \(\Phi\) contractile vacuole-BCM
extraction
extractive
abstract \({ }^{7}\)
abstraction
contractus fiduciae-1
distracter-ed
mistreated treatment pretreat treaty \({ }^{2}\)
abstracted
train (v.) trainer training training wheels
train (n.)
retract retraction retractive portray
portrayal
trace ( n .)
tract trait \({ }^{8}\)
trailer
trailing
contracted (adj.)
contractual
weight-train extract (n.) tracery-a
trailer park distraught \({ }^{9}\) tract-gk/an/r
portrait treatise estreat-1
attractively distracting trailblazing-gk
attractiveness urinary tract The Long Trail-sp
unattractively trailhead-sp
unattractiveness retractation-gk
ill-treat in abstracto-fl
ill-treated The Appalachian Trail retrace Treaty of Versailles
retraced tractile-gk Self-Portrait-a traced attrahent-gk Chaucer's Retraction-LE
\({ }^{1}\) Etymologically, a treat is a delight which 'draws' one to it; how one treats people is how one 'pulls' on or 'handles' them. \({ }^{2}\) A peace agreement 'drawn up.' \({ }^{3}\) 'Not' able to be 'influenced.' \({ }^{4} \mathrm{To}\) 'draw together.' \({ }^{5} \mathrm{To}\) 'draw apart.' \({ }^{6} \mathrm{To}\) 'pull out.' 7 'Drawn away' from the concrete. \({ }^{8} \mathrm{~A}\) 'drawing forth,' or distinguishing feature, of one's character. \({ }^{9}\) Clementine was so distraught over the miner's death that she felt 'pulled apart' at the seams.
```

        distrait-gk trawl-sp unguitractor-Bz swagger portrait-a
        attrait-r Tractarianism-h/r tractate-gk
        tractrix-M tractellum-B tractotomy-md
            Treatises of Government-\Phi Retractationes-\Phi
        A Treatise on the Astrolabe-LE The Oregon Trail-LE
        A Treatise Concerning the Principles of Human Knowledge-\Phi
        Tractatus Logico-Philosophicus-\Phi Tractatus Theologico-Politicus-\Phi
    ```

\title{
Traho, trahere, traxi, tractum - to draw \({ }^{1}\),
}
drag, pull, bring along, influence, lure, get, trail \{trac, trail, train, trait,
traught, tray, treat\}

\author{
Tra- \\ traverse \\ traduce \\ travesty \\ trajectory \\ traject-gk
}

Tran-
transcribe transcendent

Trans-
transformation translucent
Transcendentalism-LE
transept-at
transect-M
transonic-ar
transpicuous-gk
transpiration-B
transvestite-gk
transportation
transmigration-Ф
transient
transitory
transition
transparent
transfer
transgress
intransigent
Transalpine Gaul-h
transmogrification-gk

\section*{Trans - across, through}


> Tremo, tremere, tremui - to shake, tremble
> Tremulus - shaking, trembling \{trembl, tremol\}

\footnotetext{
\({ }^{1}\) This is draw not only as in 'pull,' but also the 'dragging' of a pencil across paper, evident in the derivative 'trace.' \({ }^{2}\) The etymological notion is that something tremendous is capable of making one 'tremble.'
}
\begin{tabular}{cc} 
trepidate & \\
\begin{tabular}{c} 
trepidation \\
intrepid \\
trepidatory-gk \\
intrepidity
\end{tabular} & trepid-gk
\end{tabular}\(\quad\) trepidant

\section*{Trepidus - alarmed, anxious, fearful}


\section*{Tres - three \{tri-\}}

Ter-three times, thrice

\section*{Treis, tris (Gr.) - three \{tri-\}}
\({ }^{1}\) The intrepid Bellerophon was 'not fearful' as he faced the fire-breathing Chimera. \({ }^{2}\) See note 1, p. 264. \({ }^{3}\) See note 3, p. 412. \({ }^{4}\) See note 3, p. 224. \({ }^{5}\) See note 3, p. 49. \({ }^{6}\) A 'three-lobed' fossil. \({ }^{7}\) From a word referring to a fishing net containing 'three layers of mesh;' also see note 2, p. 206. \({ }^{8}\) See note 5, p. 398.
```

                            Tribute to the Angels-LE
    ```
```

            attribute (v.)
    ```
            attribute (v.)
            attribute }\mp@subsup{}{}{1}\mathrm{ (n.)
            attribute }\mp@subsup{}{}{1}\mathrm{ (n.)
        contribute attribution
        contribute attribution
        contribution contributory
        contribution contributory
            contributor distributive
            contributor distributive
        contributive retribution
        contributive retribution
        distribute retributive
        distribute retributive
            distributor tribute
            distributor tribute
        distribution attributable Chicago Tribune-gk
        distribution attributable Chicago Tribune-gk
                    tribe tributary tribunate-h
                    tribe tributary tribunate-h
                    tribal tribunus-h
                    tribal tribunus-h
                    tribespeople tribunus militum-h
                    tribespeople tribunus militum-h
                tribeswoman tribunus plebis-h
                tribeswoman tribunus plebis-h
                    tribesman
                    tribesman
            Tribus-tribe, division of the Roman people
            Tribus-tribe, division of the Roman people
        Tribuo, tribuere, tribui, tributum - to divide, grant, give credit
        Tribuo, tribuere, tribui, tributum - to divide, grant, give credit
            Tribunus - magistrate of a tribe
            Tribunus - magistrate of a tribe
Tribunal - platform from which a magistrate pronounced judgments, platform
```

Tribunal - platform from which a magistrate pronounced judgments, platform

```


Tricor, tricari, tricatus sum - to play tricks, entangle, make difficulties \{treach, trig\}
\begin{tabular}{|c|c|c|}
\hline \multicolumn{2}{|l|}{protrude \({ }^{5}\)} & protrusile-Bz trusatile \\
\hline intrude & protrusion & protrusive extrusive-g contrude \\
\hline intrusion & extrude & obtrude intrusive-lg/g \\
\hline intruder \({ }^{4}\) & extrusion & obtrusive \\
\hline & extrusive & unobtrusive detrude-gk \\
\hline & intrusive & retrusion-dt \\
\hline & intrusively & \\
\hline & abstru & \\
\hline
\end{tabular}

Trudo, trudere, trusi, trusum - to thrust, push
\({ }^{1}\) A trait or characteristic 'granted to' someone or something. \({ }^{2} \mathrm{To}\) 'disentangle.' \({ }^{3}\) The intricate puzzle's pathways were so convoluted that they 'played tricks against' everyone's mind; only after painstaking effort was the puzzled solved. \({ }^{4}\) The unwelcome intruder 'thrust' himself 'into' our pleasant party. \({ }^{5} \mathrm{His}\) broken femur protruded from his right leg after having been 'thrust forth' during a violent skiing accident. \({ }^{6}\) Linda's literal mind could not follow the abstruse argument since it was 'pushed away' from more comprehensible concrete reality.


\section*{Truncus - trunk, removed by chopping, dismembered \{trench, trunk\} Trunco, truncare, truncavi, truncatum - to cut, mutilate}

\author{
intuition \({ }^{3}\) intuitive \\ tuition intuitively \\ ```
tutor (n.) tutelage tutelary intuitionism-\Phi \\ tutoring intuit tutament-ms \\ tutorial \\ tutelary deity-my/r \\ tutee tutelar-my/r \\ tutor (v.) tutiorist-r \\ tutored tutela-1 \\ untutored
```

}

Tueor, tueri, tuitus (tutus) sum - to protect, look after, keep safe, catch sight of

[^82]

> Tumeo, tumere, tumui-to swell
> Tuber-lump, swelling
> Tumultus - disturbance, uproar, riot ${ }^{3}$
> Tumulus - rounded hill ${ }^{4}$, mound, burial-mound


Tundo, tundere, tutudi, tusum - to beat, bruise, pulp, crush
Obtundo, obtundere, obtudi, obtusum - to beat, blunt, deaden the senses Pertundo, pertundere, pertudi, pertusum - to bore through, drill \{pierc\}

Tudes, tuditis - hammer \{toil\}

[^83]```
    turbosphere-mt
    turbopause-mt
        troublous-gk
        turbinelloid-Bz
            troubleshoot Turbellaria-Bz
        turbulent turbid turbidimeter-CH/B
    turbulence turbidity turbidite-g turbescence
        turbine perturb turbation
disturb perturbing perturbation-PH/as interturb
    disturbed perturbation disturbed-PS
    disturbing imperturbable turbot-Bz
    disturbance
    troubled
    trouble (n.)
        imperturbability turbit-Bz
        imperturbably turbo-gk
                                turbocharge-gk
            troubling
                troublesome turboprop-ar
                    troublemaker turbinal-an
                trouble (v.) turbinate-Bz/an
                disturber turbosupercharger-ar
                    undisturbed turboelectric-gk
                    untroubled turboshaft-gk
                    turbopower masturbation-gk
                        turbinectomy-md
                        turbinotomy-md
                    turbinella oak-Bb
                        turbiniform-Bz
                            turbostatic-PH
                            tourbillion-gk
```


## Turba - confusion, turmoil, crowd, disorder, riot, commotion

Turbo, turbinis - spinning top, whirlwind, whirl \{turbo-\}
Turbidus-muddy, opaque
Turbe (Gr.) - turmoil \{troubl\}

```
        tower (n.)
        tower (v.)
    towering towering (adj.) turret-at/ms/s turricle
towered toweringly turreted-Bz/at/\textrm{ms turricular}
            watchtower tower mustard-Bb
                turrigerous
            Tower of London turriform
            towery-gk turrulet
                    turrilite-p
                    Turritella-Bz
                    The Tower Beyond Tragedy-LE
```

$$
\text { Turris - tower }\{\text { tower }\}
$$

## ar: Matin



[^84]

## Unguo, unguere, unxi, unctum - to anoint, smear with oil \{oint\}

[^85]```
AU-as
Una-LE
ununnilium- CH
unununium- CH
ununbium-CH
unified field theory-PH
university quincuncial-Bb
universally una voce-fl
unionist
unify
unification
unity un une
uno uniform \({ }^{3}\) (adj.)
uniformly
uno animo-fl
Unitarian Universalism-r
Uniatism-r Unification Church-r unisex-gk unifoliate-Bb
univalent-CH
unijugate- Bb
biunique- \(\mathrm{M} / \mathrm{lg}\)
Uno-sp
coadunate \(-\mathrm{Bb} / \mathrm{md}\) triune-r
unicity-gk
unigeniture-r/gk
unigravida-md
United States uniformity
United Kingdom
inch (n.)
quincunx \({ }^{4}\)-gk
uncial-gk/h
inchworm United Arab Emirates-ge
inch (v.) univalve-Bz
UNICEF Universal Product Code-\$
ounce unidentate-CH
unicycle unicameral-ps reunite unipotent-M reunited uniprocessor-CS
uniform (n.) universals- \(\Phi\)
nonunion unisexual-B
reunion univocalic-gk
unified Unabomber-h Unicode-CS
unities-LE universality-a/LE unicuspid-dt
uniparous-B unifacial-ah
De Ente et Uno-Ф
universal grammar-gr/lg USSR-ge/h
The Universal Prayer-LE
uniformitarianism-g Union Jack-gk
uniform resource locator-CS
unanimism-LE
Soviet Union-ge/h
unit pricing-\$ bi-unial-gk
unitrust-\$ adunate unitard-fs/d unasinous
\[
\text { Unus-one \{uni-\} }
\]
Unio, unire, unii, unitum - to join into one Uncia - ounce, inch, twelfth part \{inch, ounc, unx\}
```

${ }^{1}$ See note 2, p. 409. ${ }^{2}$ See note 8, p. 286. ${ }^{3}$ Having 'one shape.' ${ }^{4}$ From Latin quincunx, 'five-twelfths.'


## Urbs, urbis - city

[^86]

Utor, uti, usus sum - to use, make use of, employ, engage in, exploit Abutor, abuti, abusus sum - to use wrongly, take advantage of, misuse Utilis-useful, practical, convenient

[^87]
## Z: Z3ation

vacation (v.)
vacation (n.) vacate vacationing vacated avoid ${ }^{1}$
avoidance
vacuous
vacuity
vacant
unavoidable
vacuum ${ }^{2}$
vacuum cleaner
vacuum-packed
evacuee
void (adj.)
$\operatorname{void}(\mathrm{v}$.
devoid
evacuate

The Vacant Lot-LE<br>vacuolating-md<br>vacatur-1<br>avoidance-1 vacuist<br>voidance-he vacat<br>evacuant-md supervacaneous null and void-gk vacivity<br>horror vacui-a<br>vacuole-BCM<br>vacuome-BCM<br>vacuometer-s

evacuation vacantia-1
unavoidably in vacuo-fl
Vaco, vacare, vacavi, vacatum - to be empty, to have leisure \{void\} Vacuus-empty

```
invade va-et-vient-fl vade mecum-fl
    invasion pervasiveness PDD-md
            invader invasive vamoose-gk vade
                        evade invasiveness
                            evasion evasive
                            evasiveness
                            pervade pervading
                pervasive pervasion
                pervasively invasively
```

Vado, vadere, vasi, vasum ${ }^{3}$ - to go, proceed, advance


## Vagor, vagari, vagatus sum - to wander, roam, rove

${ }^{1}$ When one avoids a place, one keeps it 'empty' of oneself. ${ }^{2} \mathrm{~A} v a c u u m$ is created by 'empyting' space of air (matter) by sucking it all out; hence, 'vacuum cleaner.' ${ }^{3}$ In compounds of vadere only; vadere properly has no fourth principal part because it is intransitive. ${ }^{4} \mathrm{His}$ vague explanation concerning his previous night's whereabouts 'wandered' about without providing any clear insight as to his actual location. ${ }^{5} \mathrm{From}$ 'Tervagant,' an abusive character in morality plays, and later a 'shrewish woman;' the character's name probably comes from Trivagante, the 'moon,' which 'wanders' under the aegis of 'three' moon goddesses.


## Valeo, valere, valui, valitum - to be strong, be well, be of value \{vail\}

[^88]The Walls do not Fall-LE


## Vanus - empty, hollow, illusory, groundless, insubstantial, futile \{vain, vaunt\}

```
faded
vapor
fade vaporish
unfaded vaporous
evaporable evaporite-g
evaporated vaporescence-s
evaporative vapid \({ }^{3}\) vapor density-CH
evaporate vapidly vapor lock-s
evaporation vapidness vapor trail-ar
evaporator vaporific vaporware-gk
vaporize vaporing evaporated milk-gs
vaporized vaporosity
vaporizer vaporizable
vaporization
Vapor-steam, exhalation
Vapidus - that has emitted steam, spoiled, flat \{fad\}
```

[^89]|  |
| :---: |

# Varius-diverse, different, numerous, changeable, wavering \{var, 

 vari-, vario-\}

Vastus - desolate, laid waste, forlorn, empty, huge, immense \{wast\}
$\left.\begin{array}{ccc}\text { vehicle } & \text { vehemently } & \begin{array}{c}\text { vecturist-gk } \\ \text { convexo-concave-s } \\ \text { vex }\end{array} \\ \text { convexo-convex-s }\end{array}\right]$ vehicular-gk

# Veho, vehere, vexi, vectum - to carry, bring \{veigh\} <br> Vehemens, vehementis - forceful, powerful, energetic ${ }^{2}$ <br> Vexo, vexare, vexavi, vexatum - to annoy, agitate, trouble ${ }^{3}$ Convexus - arched, rounded, brought together 

${ }^{1}$ The devastating tsunami caused 'immense' damage, making the once lush tropical island a 'desolate' wasteland. ${ }^{2} \mathrm{~A}$ great deal of movement is the underpinning here. ${ }^{3}$ Emotions are 'set in motion' or 'carried awry' when one is agitated or troubled.

|  | revulsion-md |  | vellicate |
| :---: | :---: | :---: | :---: |
| convulse $^{1} \quad$ revulsive-md | vellicle |  |  |
| convulsion $\quad$ revulsant-md | revellent |  |  |
| convulsive divulsion-gk | vulsion |  |  |
| revulsion $\quad$ avulsion-g/md | divulse |  |  |
| revulsed $\quad$ divellent-gk |  |  |  |
| convulsively divellicate-gk |  |  |  |
| svelte ${ }^{2}$ volsellum-md |  |  |  |
| svelteness vulsellum-md |  |  |  |
| evulsion-gk |  |  |  |

## Vello, vellere, velli, vulsum - to pluck, pull out, pull at, tear up, pull \{velt\}

| velodrome-sp |  |  |
| :---: | :---: | :---: |
| velocity |  |  |
| veler-s velocipede-gk |  |  |
| Velocisaurus-p | velociman |  |
| escape velocity | Velociraptor-p | Velocious |
| Velocipes-p |  |  |
| velodyne-s veloce-mu |  |  |
| velometer-n $\quad$ velocity of light-PH |  |  |

Velox, velocis -fast, swift \{velo\}


Velum - curtain, woven cloth, sail \{veil, veal\}

[^90]vein (n.)
veined veiny
vein (n.)
intravenous venogram-md
venography-md venesection-md superior vena cava-an
inferior vena cava-an pulmonary veins-an
vena-an
vena comes-an
venae vorticosae-an
venoclysis-md sinus venosus-an
sinus venosus-an
venopressor-md
venostasis-md
venigenous-g
venosity-md
The Vein of Iron-LE
varicose veins-gk/md

# Vena - blood-vessel, vein of ore, channel \{vein, veni-, veno-\} 

Venus of Urbino-a
Venus and Anchises-a
Venus with a Mirror-a
Venus and Adonis-LE
Venusberg-LE
VD-md
venerable
venerableness envenom venereal-md
venom
venomous
venerate
Venus veneration venereology-md venery-gk
venust
Venus flytrap venene
Venus de Milo Venusian-as
Birth of Venus venenation-gk
venene-md
veneniferous-Bz
Veneracea-Bz venefic
Veneridae-Bz venenose
Venus figurine-ah venerilla
venin-CH
Venus and Adonis stanza-LE
Veneror, venerari, veneratus sum - to worship, revere, honor
Venus, Veneris - goddess of love, beauty, and charm
Venenum - love potion, poison \{venom\}
Venor, venari, venatus sum ${ }^{1}$-to hunt
${ }^{1}$ The archetype of 'desire' is the etymological essence of these four roots.


Venio, venire, veni, ventum - to come, approach, arrive Advenio, advenire, adveni, adventum - to arrive at, reach, come to Convenio, convenire, conveni, conventum - to come together, meet, agree
${ }^{1} \mathrm{~A}$ convenient date is a mutually 'agreeable' time to 'come together' for an activity. ${ }^{2} \mathrm{An}$ event is something that etymologically 'comes out,' or 'happens.' ${ }^{3}$ During an adventure, one 'comes upon' many people or 'comes to' many places, some dangerous, some highly rewarding. ${ }^{4}$ To invent something new is to 'come upon' it for the first time; via Latin invenire, 'to find.' ${ }^{5}$ Via Latin subvenire, 'to come to mind;' the idea is that a souvenir is etymologically a 'coming under' as a 'support' for the mind to recall a place one has visited. ${ }^{6}$ The advent of anything is when it first 'comes towards' or 'arrives at' existence. ${ }^{7}$ The dilettante's adventitious commentary during the expert's lecture 'came near' the truth, but added little to the professor's essential message. ${ }^{8}$ The parvenu suddenly 'came through' to untold wealth when he located the lost caverns of Ali Baba.

```
    ventromedial-md/an venter-1/B/an
    ventroposterior-md/an ventral-B/an
        ventromesial-md/an ventricle-an
        ventrolateral-md/an interventricular-an
        ventroaxial-md/an
ventriculotomy-md
ventrotomy-md
            ventrad-gk
                                    left ventricle-an
                                    ventricose-gk
                        ventricular fibrillation-md ventriculus-B
                        Ventriculites-p ventrodorsal-md/an
                    ventripyramid-an ventriculitis-md
        ventriloquist ventripotent-gk
    ventriloquism proventriculus-Bz eventerate
```

    Venter, ventris - belly, abdomen, stomach \{ventro-\}
    Ventriculus - small cavity, little belly \{ventricl\}
    ```
                ventil-mu
```


Ventus-wind
Ventulus - breeze, light wind \{ventil\}
vernal witch hazel-Bb
vernal La Primavera-a ver
vernal equinox-gk vernorexia
vernalization-ag/s vernalagnia
vernation- Bb vernalize
vernant
primaveral
vertumnal
vernality
Ver-spring
Vernus - occurring in spring


## Vereor, vereri, veritus sum - to fear, feel awe

```
converge converge-M deorsumvergence
    convergence convergence-M/md
                converging convergent evolution-B
diverge verge (v.) divergence-M/B/md
        divergent vergence-md/g
            divergence Vergent-g
                    The Convergence of the Twain-LE
                    'Two roads diverged in a yellow wood'-LE
```


# Vergo, vergere - to incline, bend, sink, move downward, tend 

```
vermis-an
    vermix-an
        vermiform appendix-an
            vermiform-an/Bz
                vermiculated-ah/a
                            vermicle-Bz
                            vermicide-md
                            vermiparous-Bz
                                vermicelli-gs
                                    vermiculation-gk
                                vermin vermian-gk
                                    vermifuge-md
                                    vermicular-md/Bb/an
                                    vermivorous-Bz
                                    vermilion }\mp@subsup{}{}{1}\mathrm{ -gk
                                    vermiculite-mn/g
                            vermigrade-gk
                verminicide-gk
                vermination-vt/md
            vermeology-Bz
        vermes-md/Bz
    vermeil-gk
verme-he
```

                    Vermis - worm \{vermi-\}
    

```
                    avert reverse transcriptase-BCM transversal-M
                    aversion catalytic converter-gk
                aversive
        adversary }\mp@subsup{}{}{1
    adversarial
    adverse
                adversion
                        adversity
                                advertent
                                Mvertent 
                                inadvertently free verse-LE
                    controversy vertices-gk
                    controversial malversation-ps
                    traverse
                                    dextrorse-Bb
                    traversed
                                    introrse-Bb
                                    sinistrorse-Bb
                                    retrorse-Bb
                                    extrorse-Bb
    versus
                        alopecia universalis-md
                                transversion-BCM
                            obversion-\Phi
                                    divorcée-fl
                                    divorcé-fl
                                    vertical teaming-ed
                                    vortical-gk
                                    Vorticella-Bz
                                    convertite-r
            prose}\mp@subsup{}{}{5
        prosaic
                                    versicolor-gk
vertex
                    vers libre-fl
                        adversifoliate-Bb
                vertiginous
                versatile adversaria-gk
                    versatility arsy-versy-gk
                        divorce (v.) verticil-B
                            converter multiversant-gk
                            convertible retroversion-md/gk
                    reversal verse-r/LE
                        versed versant-ge
                                    versifier pervert (n.)-gk
                                    vertebral eversion-md
                    conversant adversative-gk
                    subvert versemonger-gk
                        subversion bouleversement-gk
                                subversive
                transverse
                    multiverse-gk/as
                            multiversity-ed
            pervert }\mp@subsup{}{}{3}\mathrm{ (v.) evertebral-an reverso-sp/gk
        extravert intervertebral-an verso piano-LE verso sciolto-LE
            perverted
                perverse
                    perversion verso sdrucciolo-LE
                    peevish }\mp@subsup{}{}{3}\quadvers de societé-fl/LE
                    peevishness divertissement-mu/d
                    peevishly vertically challenged-gk
                    vertebra reverse discrimination-so
                    The Imp of the Perverse-LE
```


## Verto, vertere, verti, versum - to turn [ors, vorc]

> Verso, versare, versavi, versatum - to keep turning or spinning Vertex, verticis - top of the head, highest point, whirlpool ${ }^{4}$ \{vort\} Prorsus ${ }^{5}$-forward \{pros\}

${ }^{1}$ One 'turned against' another. ${ }^{2}$ 'Not (intentionally) turning towards' something. ${ }^{3}$ To pervert is to 'thoroughly turn' someone from normal behavior; the much less forceful peevish, 'discontented, contrary' may derive from this sense as well. ${ }^{4}$ Hair 'whorls out' or 'turns' from the 'top of the head.' ${ }^{5} \mathrm{Via}$ proversus, 'turned forward;' prose is 'straightforward discourse' as opposed to the more labyrinthine and figurative expressions of poetry.


| investigate | vestige | vestigium-B vestigate |
| :---: | :---: | :---: |
| investigator |  |  |
| investigation | vestigial | vestigial-B vestigian |
| investigative $^{\text {Logical Investigations- } \Phi}$vestigiating |  |  |
| Philosophical Investigations- $\Phi$ |  |  |

$$
\text { Vestigium - footprint }\{\text { vestig }\}
$$



## Vestis - clothing, garments

[^91]| vet | inveterate ${ }^{2}$ |  |
| :---: | :---: | :---: |
| veteran | inveteracy | vet (v.)-gk |
| veterinary ${ }^{1}$ |  | vetust |
| veterinarian | VA-gk | vetusty |
| Veterans Day | VFW-gk | veterascent |
|  | veter |  |

# Vetus, veteris-old, long-standing, having lived a long time Veterinus - beasts of burden 



[^92]

# Vibro, vibrare, vibravi, vibratum - to shake, quickly move to and fro 

```
                    vicarious vicar-r
                    vicariously vicarage-r
            vicissitude
        vicissitudinous
vice president
Vicar of Christ-r
vice-president elect
vice presidency
vicarage-r
The Vicar of Wakefield-LE
The Vicar of Bullhampton-LE
vice president
vice versa-fl
vice admiral-n
viceroy-ps/Bz
vicereine-ps
viscount-ps
viscountess-ps
vice chancellor-1/ed
vicegerent-ps
Vicis - change, instead of
```

vicinity
bailiwick ${ }^{2}$
vicinism-Bb
vicine

Vicus-block of houses in a town, neighborhood Vicinus - neighbor


```
    surveying (n.) visa tergo-fl
    unvisited vue d'ensemble-fl
    viewless visualization-sp
        visuo-kinesthetic-an
        Divine Providence-r
        Order of the Visitation-r
        revisionary metaphysics-\Phi
        A Vision of the Last Judgment-LE
        Invisible Man-LE The Invisible Man-LE
        Brideshead Revisited-LE Provide, Provide-LE
        Democratic Vistas-LE A Room with a View-LE
        A Vision of Judgment-LE Vision of Don Roderick-LE
        The Vision of Judgment-LE The Vision of Sir Launfal-LE
        The Visible and the Invisible-\Phi The Vision of Piers Plowman-LE
```


## Video, videre, vidi, visum - to see,

look at, observe, perceive, take care, provide, seem \{vey, vic, view, voy\}
Visito, visitare, visitavi, visitatum - to visit, go to see Invideo, invidere, invidi, invisum - to be envious of, look sideways at, behold with ill will \{env\}
Provideo, providere, providi, provisum - to see prior to, look ahead, make available, deal with in advance $\{$ prud $\}$

Vigil Strange I Kept on the Field One Night-LE
vegetable ravigote-gs vegetable oil vegetal-gk
veggie
 vigorous vigorousness vigorously lactovegetarian-gk invigorate ovolactovegetarian-gk vegete invigorating veganic-ag vegetalcule

Vegemite-gs reinvigorate surveillance
surveillant
vigilante-gk vigia-n vigil light-r vim and vigor-v
surveil-gk reveille-ms vedette-ms invigilator-ed pevegetate-gk revegetate-gk vegetant vegetivorous-Bz/gk advigilate vigorite-s vigorist vegan-gk vigiambulism
vegetative-B/md
vigoroso-mu

Vigeo, vigere, vigui - to be lively, active
Vigilo, vigilare, vigilavi, vigilatum - to watch, be awake, be alert \{veil\} Vegeo, vegere - to be lively, enliven
Vegeto, vegetare - to give energy to, enliven
${ }^{1}$ To vegetate is not 'to be lively,' but rather to function like a 'vegetable.'


## Vilis - contemptible, mean, base



Villa-farmhouse, house
${ }^{1}$ The word villain originated as 'villein,' 'feudal serf,' i.e. someone 'low-born;' it is easy to see how 'scoundrel' could become associated with the word villain since peasant serfs were often viewed as boorish, uneducated, and unrefined. ${ }^{2}$ Nasty may have come from Old French villenastre, 'bad villein,' someone who would not think twice about doing nasty deeds.

Winged Victory of Samothrace-a


Vinco, vincere, vici, victum - to conquer, win, vanquish, defeat \{vanq\} Victor-winner, conqueror

vindicate venge<br>revenge (n.) vindication vengesour<br>revenge (v.) vindictive vendetta<br>revenger vindictiveness<br>revengeful avenge<br>avenging<br>avenger revenge tragedy-LE<br>vengeful with a vengeance-v<br>vengeance A Vindication of a Natural Society-Ф<br>vengefulness A Vindication of the Rights of Woman-LE

Vindex, vindicis - claim, avenger, surety, defender, revenge \{veng\}
${ }^{1}$ To evict a tenant is etymologically to 'thoroughly conquer' or 'utterly defeat' him by successfully asking him to vacate the premises.

```
                                    vino-fl
                                    vin rosé-fl
                                    vin rouge-fl
                            vinho-fl
    in vino veritas-fl
        vino de tavola-fl
            vine
                wine (n.)
            wineglass
        winery
winetaster
wine (v.) vinyl}\mp@subsup{}{}{2
    vinegar }\mp@subsup{}{}{1
            vinegary
                vineyard
                    vin ordinaire-fl
                                    vintage-gk/oe
                                    viniculture-oe/ag
                                    wine and dine-v
                                    winebibbing-gk
                            vinyl}\mp@subsup{}{}{2}\quad\mathrm{ winepress-oe
                            vignette }\mp@subsup{}{}{3
                                    wineskin-gk
                    vintage wino-v
                            vinaigrette-gs
                    vintner-gk
                    polyvinyl chloride-CH
                            PVC pipe-gk
                    wine-bibber-gk
                    vinyl chloride-CH
                        vinoacetous-CH
                        vinyl acetate-CH
                            vinylidene-CH
                        vinylogous-CH
                        vendange-oe
                vendemmia-oe vendimia-oe
            vindemiate-gk vinous-gs/oe vinic-CH
                vinaceous-gk vinosity-oe
                    vintage-gk
                    Martha's Vineyard-ge vineity
            Vitis vinifera-oe/fl vinipote
                vinegarroon-Bz vinet
            vinify-oe
                vine-fretter
                                    vinitor
            vinification-oe
                    vinasse-oe vintry
            vinery-oe vinomadefied
                    vinometer-oe viniferous
                    The Vinegar Bible-LE
                        vinolent-gk
```

Vinum - wine, grapes used to make wine \{vign, vini-, vino-, win\}

[^93]Virtue-LE
virtualization-CS
virtual particle-PH
virile
virility
virtue
virago ${ }^{1}$ virtue viraginous virtuous
virtuosa virtuoso
virtu-a virtual reality-CS triumvirate-h triumvir-h virilism-md virtual memory-CS by virtue of-v viripotent-gk
virtual
virtually
virilization-md
virtual classroom-ed
virtual meeting-gk viraginian-gk evirate-gk curia-h decemvir-h/ps duumvir-h/ps virtual space-gk
quindecemviri-h/ps
quindecemvirate-h/ps
decurion-h quattuorvirate viricide-gk viriliously virilescence-gk deivirile virilia-gk viripotence
virilocal-ap viragin
virtualism-r viraginity virtute officii-1 virvestitism
Pamela, or Virtue Rewarded-LE

## Vir-man

Virtus - excellence of character, courage, bravery, strength

[^94]

| violently <br> nonviolent <br> violence <br> violated <br> violator | violent ${ }^{1}$ |
| :---: | :---: | :---: |
| violation |  |
| inviolate |  | | virial-PH |
| :---: |
| vonviolence-ps |
| vis major-1 |

Vis -force, power, energy, violence \{vi\}

viscera \begin{tabular}{c}
eviscerate-gk <br>

visceral | viscera-an |
| :---: |
| viscerally |
| visceral-an/md |
| viscus-an | <br>

viscerotonic-gk <br>
viscerogenic-gk
\end{tabular}

visceromotor-md/an
visceral arch-an
visceral cleft-an
visceral brain-an
visceralization-md
viscerotropic-md
visceroptosis-md
viscerocranium-an

## Viscera, viscerorum - entrails, internal organs

| viscous | viscid | Viscum-Bb |
| :--- | :---: | :---: |
| viscosity | viscidity | viscose-CH |
| viscously | viscose rayon-CH |  |
|  | viscin-CH |  |
|  | viscoelastic-s |  |
|  | viscoscope-s |  |
| viscometry-s |  |  |
|  | viscosimetry-s |  |

## Viscum - mistletoe, birdlime ${ }^{2}$

${ }^{1}$ Filled with force.' ${ }^{2}$ Birdlime is a sticky 'viscous' substance used to ensnare birds which can be made from 'mistletoe' berries.


[^95]vice
vicious
viciousness
vitiation
viciously vitiate
vituperate vitiated

Vice-LE
vicious circle-gk/Ф
vituperation vitiable vicious-circle principle- $\Phi$ vituperative

# Vitium - flaw, defect, moral failing \{vic\} <br> Vitupero, vituperare, vituperavi, vituperatum - to find fault with, criticize harshly 

```
    vitrine-gk
    vitrain-gk vitriature
    vitriolic }\mp@subsup{}{}{1}\mathrm{ vitriol-CH/a/gk vitrid
vitriol vitreous humor-an vitrificacious
    vitreous
        vitriolically
        vitreous body-an vitrum
            vitrescent-gk
                vitrite-mn
                in vitro-s/md
                        Vitrina-Bz
                vitrescible-gk
                        vitriolize-gk
                        vitrophyre-g
                    vitroclastic-g
                    vitriodentine-dt
                    vitriolescent-gk
                    vitreous enamel-gk
                    vitreous-g/CH/Bz/an
                    vitriolicomuriated-CH
                in vitro fertilization-md/s
                vitriolicoantimoniated-CH
```


## Vitrum - glass

[^96] 'caustic.'


Voco, vocare, vocavi, vocatum - to call, call upon \{vok, vouch\} Vocabulum - word, name ${ }^{5}$
Vox, vocis-voice \{voic, vow\}
${ }^{1} \mathrm{~A}$ vowel is the 'sounding' letter in a word without which it could not be 'voiced;' cf. 'consonant,' p. 353, note 1. ${ }^{2}$ One's 'calling' in life. ${ }^{3} \mathrm{~A}$ 'calling away' from one's 'vocation,' that is, a 'hobby' or 'pastime;' n.b. this word can also be synonymous with 'vocation.' ${ }^{4}$ See note 1, p. $4 .{ }^{5} \mathrm{~A}$ 'name' is that which you 'call' something or someone.


## Volo, volare, volavi, volatum - to fly, move swiftly, speed



Volo, velle, volui - to wish, want
Voluptas - pleasure
Nolo ${ }^{\mathbf{1}}$, nolle, nolui-to not wish, not want, refuse
${ }^{1}$ Nolo is a contraction of non volo, 'I do not want.'

```
                    Revolutionary War evolutionary epistemology-Ф
                    American Revolution evolutionary ethics-\Phi
                        Industrial Revolution Glorious Revolution-h
                        revolve counterrevolution revolute-Bb
                        revolving convoluted 4}\mp@subsup{}{}{4}\mathrm{ revolution-g
        revolving door convolution
    revolution 3
    revolt (n.)
vault (v.)
    pole vault
        pole-vaulter
    bank vault
        volume }\mp@subsup{}{}{2
            revolt }\mp@subsup{}{}{3}\mathrm{ (v.)
        evolution
    French Revolution evolutionary
        revolver voluminousness convolution-gk/an/M
                vaulting horse voluminously convolve-gk/M
                    vault-at/an/gk
                                groin vault-at
                                voxel-CS
                                    volte-face-fl
                                    archivolt-at
                                    Volvox-Bb
                                    Volvocaceae-Bb
                                volumed-gk
                                volumeter-s
            circumvolution-gk
                        volutation-gk
                                volution-Bz/gk
                                    vulva-an
                                    volvelle-h
                                multivoltine-B
                                obvolve-gk
                                voltigeur-ms/sp
            voussoir-at
        volt-sp
            vuelta-LE
                        volutin-BCM
                        volta-LE
                        volvulus-md
                    voluted-at
                            volutite-p volvent-gk
                Volvocineae-Bb advolution
                Cuban Revolution-h Velvet Revolution-h
            October Revolution-h Cultural Revolution-h
```


## Volvo, volvere, volvi, volutum - to roll, wrap up, turn round, orbit, stretch out in a curved path \{vault, volt\} <br> Volumen, voluminis - book

${ }^{1}$ A ceiling is said to be vaulted when it 'turns' or 'curves' at the top like an arch; an Olympian is said to have vaulted when she has 'stretched out in a curved path' skyward, or 'jumped.' ${ }^{2}$ A book, or volume, was originally a 'rolled-up' scroll; later, large books added to a sense of 'size' when considering volume, 'amount.' ${ }^{3}$ Insurgents who revolt, fomenting a revolution, etymologically 'turn round' or 'roll over' against an established rule. ${ }^{4}$ 'Thoroughly wrapped up.' ${ }^{5}$ Words just 'roll off' the voluble Vanessa's tongue.


# Voro, vorare, voravi, voratum - to eat \{vour\} <br> Vorax, voracis - ravenous 



Voveo, vovere, vovi, votum - to vow, pledge, promise \{vout, vow\}

|  | divulge |  |
| :---: | :---: | :---: |
| vulgar | vulgate-lg |  |
| vulgarian | Vulgate-r/LE evulgation-gk |  |
| vulgarity | promulgate | Vulgar Latin-lg |$\quad$ pervulgate

Vulgo, vulgare, vulgavi, vulgatum - to make common, publish Vulgaris - of ordinary people, common
Promulgo, promulgare, promulgavi, promulgatum - to make widely known, publish

| vulnerable | vulnerary-md | vulnific |
| :---: | :---: | :---: |
| vulnerability | vulned-he | vulneral |
| invulnerable | vuln-he | vulnerate |
| invulnerability | vulneration |  |

Vulnus, vulneris - wound

## $\mathfrak{A}: \mathfrak{G r e d k}$



## A, an - not, without

| $\begin{gathered} \text { A1C-ms } \\ \text { aery-gk } \\ \text { step aerobics-sp } \end{gathered}$ |  |
| :---: | :---: |
| NASA aerial airman-ms |  |
| AC airily | Ariel-LE |
| air (n.) airs | aerate-gk/md |
| airy aerodynamic | aerator-gk |
| air-dry aerodynamically | airlift-gk |
| airhead aerobic ${ }^{1}$ | aerenchyma-Bb |
| aerosol anaerobic ${ }^{1}$ | aerialist-gk |
| air (v.) | aerobic-sp/B |
| air bag | anaerobic-sp/B |
| air mattress | air raid-ms |
| airplane | aria-mu |
| airport | air speed-ar |
| aircraft | air strike-ms |
| airline | aeroballistics-ms |
| air sickness | aerobe ${ }^{1}-\mathrm{Bz}$ |
| airmail | aerobiology-B |
| airtight | aeroembolism-md |
| airwaves | aeronautics-ar |
| air ball | aerophobia-PS |
| airborne | up in the air-v |
| air conditioner | aeromedicine-md |
| airfare | aerology-mt |
| aerobics ${ }^{1}$ aeromete | eorograph-mt |
| U.S. Air Force aerophagia-md |  |
| airship aeronaut-gk |  |
| midair aeroplane-gk |  |
| open-air aerobatics-sp |  |
| malaria ${ }^{2}$ aeronomy-s/as |  |
| aerotaxis-B |  |
| aerotrain-gk |  |
| aeroplankton-B |  |
| aerospace-ms/mt |  |
|  |  |

$$
\text { Aer - air \{aero-, air\} }
$$

[^97]```
                                    agon-LE
                                    axiology-gk
            synagogue axiomatic pedagogue hypnagogic-gk
                    axiom pedagogy mystagogue-gk
    demagogue galactagogue-md
            agony
            agonizing
            agonize
    antagonist
antagonism
antagonistic
protagonist
stratagem
    strategy
                strategist
                    agon glucagon-md
                epact-gk blabagogy
                    agonist paragoge-gr antanagoge
                            exegesis phlegmagogue-md logogogue
                                exegetical sialagogue-md xenogogue
                                exegetic physagogue-md scleragogy
                                exegete isagogics-LE/r apagogic
                                holagogue-md osmagogue
                    epexegesis-gk
                    strategic psychagogic-gk
                        antagonize choragus-gk/LE
                            antagonizing agonal-gk
                                agonizingly andragogy-ed
                                    preagonal-gk
                    tritagonist-LE
                    agony column-gk
                    emmenagogue-md
                    agonist-gk/md/BCM
                    axiomatic method-\Phi SALT-h
```

```
            Agein - to lead, bring, drive, weigh {eg}
                    Agon - struggle, contest, conflict
Agogos-leading, drawing forth {-agog, -agogue}
Axios - worth, worthy, weighing as much {axiom}
```



Agora-marketplace, assembly \{egor\}
Ageirein - to assemble \{egor\}

[^98]```
                            aesthetic anesthetic-md
```

```
            esthetic aesthetician-a/gk
```

            esthetic aesthetician-a/gk
            aesthetics
            aesthetics
    aesthetically
aesthetically
aesthete anesthesiology-md
aesthete anesthesiology-md
anesthesia esthete synesthesia-gk/md
anesthesia esthete synesthesia-gk/md
anesthetic kinesthesia-md/gk
anesthetic kinesthesia-md/gk
anaesthesia aesthetic arrest-LE gargalesthesia
anaesthesia aesthetic arrest-LE gargalesthesia
anaesthetic hyperesthesia-md zonesthesia
anaesthetic hyperesthesia-md zonesthesia
thermoanesthesia-md topesthesia
thermoanesthesia-md topesthesia
hypaesthesia-md hypercenesthia
hypaesthesia-md hypercenesthia
coenaesthesis-PS pseudoesthesia
coenaesthesis-PS pseudoesthesia
dysesthesia-md
dysesthesia-md
phonaesthesia-lg
phonaesthesia-lg
aesthesics-lg
aesthesics-lg
telesthesia-gk
telesthesia-gk
hypoesthesia-md
hypoesthesia-md
oxyaesthesia-md
oxyaesthesia-md
radiesthesia-gk
radiesthesia-gk
kinesthetic-gk/md
kinesthetic-gk/md
aestheticism-LE/a/\Phi
aestheticism-LE/a/\Phi
aesthetic distance-LE

```
                    aesthetic distance-LE
```

Aisthesis - sensation, perception \{aesthes, esthes\}
Aisthanesthai-to feel, perceive \{aesthet, esthet\}
ethyl-CH
ethereal ether-CH/PH
ethereally etherify-CH
etherealize ethene-CH
ethyl acetate-CH
ethanol-CH
ethylene-CH
ethylene glycol-CH
ethyl alcohol-CH
mercaptoethanol-CH

## Aither (Gr.) - upper air, clear sky \{eth, ether\}

```
    Academy-Ф/h
    academese-gk
    academy
    academics
academic (adj.)
    academic (n.)
        nonacademic Academica-\Phi
        academically academic freedom-gk
```

Akademeia - school where Plato taught \{academ\}

```
\begin{tabular}{|c|c|c|}
\hline acoustical & acouasm-md
dysacousia-md
acoustic nerve-an
acoustic acoustics-s
hyperacusis-md
acoustic bass-mu akoasm
electroacoustics-s micracoustic
acoustooptics-s
isacoustic-gk
otacoustic-gk
polyacoustics-s
acoustic guitar-mu
amblyacousia-md
acousticophobia-PS
acoustic hood-gk
acoustic microscope-s
acoustic spectrography-s & anacousia \\
\hline
\end{tabular}
```


# Akoustikos - pertaining to hearing \{acoustic\} Akouein-to hear \{acou\} 



```

> Akros - high, topmost, pointed, extreme \(\{\) acr-, acro- \(\}\) Akme \({ }^{4}\) - a point \(\{\mathrm{acm}\}\)
```

${ }^{1}$ 'Pimples' end in a 'point;' acne may be a corrupted form of 'acme.' ${ }^{2}$ Acrobats walk on the 'tips' of their toes. ${ }^{3}$ Etymologically 'high name:' a word created from the 'topmost' or 'first' letters of a phrase, such as 'laser:' light amplication by stimulated emission of radiation or AIDS: acquired immune deficiency syndrome; an acronym can also use more than just the first letter, such as in 'radar:' radio detecting and ranging. "These two roots are related to those of the Acer tree (see p. 2) via the Indo-European base ak-, 'sharp.'

```
                                algetic-md
                                myalgia-md
    otalgia-md
    algedonic-gk
    gonalgia-md
        enteralgia-md
        metralgia-md
        cardialgia-md
        nostalgia
        nostalgic
            nostalgically neuralgia-md
                        arthralgia-md ombrosalgia
                        odontalgia-dt algophilia
                        proctalgia-md tarsalgia-md
            rectalgia-md rachialgia-md pygalgia-md
            orchialgia-md psychalgia-PS algophobia-PS
            kinesalgia-md algolagnia-gk cephalalgic-md
            antiodontalgia-dt barodontalgia-md fibromyalgia-md
        encephalalgia-md hyperthermalgesia-md neuroleptanalgesia-md
```

$$
\text { Algos - pain }\{\text {-algia }\}
$$



$$
\text { Allos - other, different \{allo-\} }
$$

${ }^{1}$ A parallelogram is a polygon that contains two pairs of opposite parallel sides; etymologically, it is two pairs of lines 'written beside each other.' ${ }^{2}$ When an allergy plagues a victim, a 'different,' or foreign substance 'works' against his body, triggering an immunological response. ${ }^{3}$ See note 2, p. 431.

```
                                    amino-CH
    vitamin }\mp@subsup{}{}{1}\quad\mp@subsup{a}{}{\prime}\mp@subsup{\mathrm{ mino }}{}{2}\mathrm{ acid amine }\mp@subsup{}{}{2}-\textrm{CH
    vitamin A aminoaciduria-md
    vitamin B aminopeptidase-BCM
        vitamin C aminophylline-md
                        vitamin D ammine-CH
            vitamin E ammonia-CH
                        vitamin K ammonite-p
        ammonium-CH amphetamine-md
    glutamine-BCM/md galactosamine-BCM cholestyramine-CH
glucosamine-BCM histamine-BCM antihistamine-md ethylamine-CH
ammonium chloride-CH pyrimethamine-md
                    amide-CH
                    ammonoid-p
                    acetamide-CH
                    sulfonamide-md
                        acetohexamide-md
                            vitamin B complex-md
```


# Ammon - Amen (region in Libya where sal ammoniacus was obtained, near a temple of Amen, the Libyan Zeus) \{-amine, amino-\} 


${ }^{1}$ See note 2, p. 422. ${ }^{2}$ An amino group contains a $\mathrm{NH}_{2}$ molecule received from an amine molecule $\left(\mathrm{NH}_{3}\right)$, which comes from ammonia and the suffix -ine. ${ }^{3}$ An amphibian lives two ways,' both in water and on land. ${ }^{4} \mathrm{An}$ amphitheater is 'two theaters' put together to form a $360^{\circ}$ structure (a 'theater' being $180^{\circ}$ ).

```
analysis
    analyze
    anatomy analytic anathema
anatomical anachronism anathematize psychoanalysis-PS
    anachronistic anatomize analyst-PS
analogous anathematization analytic philosophy-\Phi
    analogy anatomization analytic psychology-PS
analogize anaphylaxis-vt/md
    anabolic steroid-md
                    anamorphosis-gk/B
                        anadiplosis-LE
                        anabranch-ge
                        anaclisis-PS
                            anabiosis-gk/Bz
                            Anabaena-Bb
                            anagnorisis-LE
                            epanalepsis-LE
                    aneurysmectomy-md
                    analogue-CS/s/CH/LE
                    transcendental analytic-\Phi
                    anabasis-ms/h/LE anagenesis-B
                anaplastic-md anatropous-Bb
                anapest-LE analeptic-md
                    anaphylactic shock-md/vt
                    anatomicopathological-md
```


## Ana - back, up, again, throughout



Angeion - blood vessel \{angi, angio-\}
${ }^{1}$ The Andromeda galaxy is the galaxy closest to our own, the Milky Way; Andromeda, etymologically 'ruler of men,' was a daughter of the Ethiopian queen Cassiopeia who unwisely angered the sea god Nereus, who retaliated by sending the sea monster Cetus to eat her child, who, in turn, was saved by Perseus. ${ }^{2}$ An eponym of the 'Neander' valley in Germany, which in turn was named for Joachim 'Neander,' whose greatgrandfather's name, erstwhile Neuman, was translated into the Greek Neander, 'new man.'

```
                    evangelist-r
                    dysangelist-r
                angel }\mp@subsup{}{}{1
                angelic
    angelically
    Angela
televangelism evangelism }\mp@subsup{}{}{2
televangelist evangelistic
            Los Angeles
    angel food cake
                    Michelangelo angelophany-gk
                angelolatry-gk
                    angel dust-gk
                    Angelica-oe/Bb
                    angel's share-v
                    angel's trumpet-Bb
                    angel-hair pasta-gs
                    Four Evangelists-r
                    Angel Leaving Tobit and Tobias-a
```

                    Angelos-messenger
    

## Anthos-flower \{antho-\}

[^99]

## Anthropos-human, man



Anti - opposite, against, in place of \{ant-\}


[^100] refers to The Book of Revelation in the Bible, which discusses a 'cataclysmic event' at the end of the world.


| aristocracy | Aristaeus-my |
| :---: | :---: |
| aristoi-gk |  |
| aristocrat | aristo-gkaristogenesis <br> aristocratic$\quad$ aristophren-gk |
| Aristosaurus-pAristolochia- <br> aristarchy <br> aristopedia-Bz |  |

Aristos-best
${ }^{1}$ Etymologically 'chief builder.' ${ }^{2}$ Formed from the notion that 'governments' tend to keep 'historical records.' ${ }^{3}$ Possibly just influenced by, not derived from, archi; in any case, the 'principal sea' of the Greeks was the Aegean, in which many islands are scattered about. ${ }^{4} \mathrm{~A}$ 'ruler' is in 'first place' or at the 'topmost position,' that is, at the 'beginning.'
arithmetic (n.)
arithmetician logarithmic
logarithm

arithmetical (n.) \begin{tabular}{c}
arithmophobia <br>
arithmetic (adj.)

 

arithmetic progression-M
\end{tabular} arithmocracy


arthrography-md
articulate-an/at
synarthrosis-an arthrodia-an
indefinite article arthrology-md/Bz
arthritis definite article Arthropoda-Bz
arthritic articulate ${ }^{4}$ (v.) rheumatoid arthritis-md
article $^{3} \quad$ articulate (adj.)
inarticulate
articulation dysarthria-md
articulable
arthropathy-md
arthrotomy-md
arthrogryposis-md
enarthrosis-an gonarthritis-md
Articles of the Confederation-h

> Arthron - joint, article \{arthro-\}
> Artus (Lat.) - joint

Articulo, articulare - to divide into small joints, speak clearly ${ }^{4}$

[^101]

# Athlos - contest, prize, conflict, struggle <br> Athlein - to contend, struggle <br> Athletes - contestant 

[^102]
\[

$$
\begin{gathered}
\text { Autos - self, same \{auto- }\} \\
\text { To auto - the same }\{\text { tauto }\} \\
\text { Authentes - author }{ }^{3}
\end{gathered}
$$
\]

[^103]
## 解: Grevk



[^104]barbarousness<br>barbarous barb-sp/Bz<br>barbarian barbaric Barbary-ge<br>barbarically Barbary Coast-ge<br>barbarism Barbary ape-Bz<br>barbarity<br>barbarianism<br>barbarize<br>barbarization

## Barbaros -foreign, non-Greek

bar-s
barium Ba
baritone
isallobar-mt barylalia
baryton-mu barophobia
baryon-PH
xi baryon-PH
xi-c baryon-PH
Baryonyx-p
Barosaurus-p
barometer-mt
barometer $\quad$ barometric isobar-mt
dysbarism-md
barograph-mt
hyperbaric-s
baragnosis-md
charivari-gk baroclinic-mt
barysphere-g barotropic-mt
shivaree-gk
barodontalgia-md


[^105]

## Biblion - book \{biblio-\}

[^106]
${ }^{1}$ See note 3, p. 435. ${ }^{2}$ See p. 2, p. 444. ${ }^{3}$ See note 1, p. 430.


[^107]
## $\mathfrak{C h}^{1}: \mathfrak{G r r e g}^{1}$

|  | acterful-gk <br> cterology-PS <br> ter piece-mu <br> ter study-LE <br> ter witness-1 <br> d character-gk <br> tic polynomial-M <br> istic equation-M <br> tica universalis- $\Phi$ |
| :---: | :---: |
| character ${ }^{2}$ (n.) | charactery-gk |
| character (v.) | charactonym-LE |
| characterize | character assassination-gk |
| characterization | character dance-d |
| characteristic | out of character-v |
| uncharacteristic | in character-v |
|  | acteristically |
| unch | racteristically |
| dyna | ic characters |
|  | characters |
|  | characters |

## Charakter - stamp, engraved mark

 Character (Lat.) - impressed mark, character

[^108]|  |  | chiliarch-h |
| :---: | :---: | :---: |
|  |  | kilobit-CS |
|  |  | kilocalorie-gk |
|  |  | kilovolt-s |
|  |  | kilobyte-CS |
| kilo |  | kilomole-CH chiliahedron |
|  | kilometer | kiloton-s |
|  | km | kilohertz-s |
|  | kilogram | chiliasm-r |
|  | kg | chiliagon-M |
|  | kilowatt | kilocycle-s |
|  | kW | chiliad-gk |
|  | kiloliter | kilerg-PH |
|  | kl | kilobase-BCM |
|  |  | kilobaud-s |
|  |  | kilojoule-s |
|  |  | kilopascal-PH |

Chilioi- one thousand \{kilo-\}

CFC-CH
hypochlorite- CH
chlorosis-md/Bb
Chlorella-Bb
Cl chloranthous-Bb
chlorine
chlorinated
chlorination
chlorophyll ${ }^{1}$

$$
\left.\begin{array}{cc}
\begin{array}{c}
\text { chloroplast-Bb } \\
\text { chlorite-mn }
\end{array} & \begin{array}{c}
\text { chlorothiazide-md } \\
\text { chlor-alkali-CH } \\
\text { chloric acid-CH }
\end{array} \\
\text { chlorambucil-md } \\
\text { chloroquine-md } & \text { chlorhexidine-md } \\
\text { chlorpropamide-md } & \text { chlorthalidone-md } \\
\text { chlorate-CH } & \text { chlormerodrin-md } \\
\text { chlorolabe-md } & \text { chlorofluoromethane-CH } \\
\text { chlorobenzene-CH } & \text { Chlorophytum-Bb }
\end{array}\right\} \begin{array}{cc}
\text { chloral hydrate--CH/md } \\
\text { achlorophyllaceous-Bb } \\
\text { chloramphenicol-md } \\
\text { hydrochloric acid-CH } \\
\text { hypochlorous acid-CH } \\
\text { chlordiazepoxide-md/PS } \\
\text { chlortetracycline-md } \\
\text { heptachlor-CH/md } \\
\text { lepidochlore-mn } \\
\text { bichloride-CH }
\end{array}
$$

## Chloros - green, light green, greenish-yellow \{chloro-\}

```
                    collywobbles-gk joviomelancholy
                    choler }\mp@subsup{}{}{1}\mathrm{ acholia-md
                    choleric cholinergic-md
                cholera
                    melancholy }\mp@subsup{}{}{2
        cholesterol }\mp@subsup{}{}{3
    good cholesterol
bad cholesterol
    melancholia
        melancholic
        choline-BCM
            cholic-gk
        chole cystitis-md
        cholelithiasis-md
                chololith-md
                cholestasis-md
                cholinolytic-md
                    cholecalciferol-BCM
                    acetylcholine-BCM
                    cholangiography-md
                    cholecystectomy-md
                        cholera morbus-fl
                    cholestyramine-CH
                    cholecystokinetic-md
                    hypercholesterolemia-md
                The Anatomy of Melancholy-LE
```


## Chole-bile, gall

chondritis-md<br>chondroma-md chondrology-md chondrenchyma- Bz chondropodous- Bz chondrogenesis-md chondrotomy-md hypochondria ${ }^{4}$ mitochondria-BCM<br>hypochondriac ${ }^{4}$ chondrify-md<br>mitochondrion-BCM<br>chondrule-as/mn<br>chondrite-as<br>chondrodite-mn<br>chondroitin-BCM achondroplasia-md chondroxiphoid-an chondriosome-BCM chondromalacia-md Chondropterygii-Bz mastochondrosis-md chondrodystrophy-md chondrocranium-md/B chondroitin sulfate-BCM carbonaceous chondrite-as carbonaceous chondrule-as

## Chondros - grain, granule, cartilage \{chondro-\}

${ }^{1}$ According to the theory of the humors (see note 1, p. 168), an excess of choler, or 'yellow bile,' made one 'angry' or 'irritable.' ${ }^{2}$ Etymologically 'black bile;' according to the medieval theory of the humors, an excessive amount of 'black bile' caused 'depression' or 'gloom;' also see note 1, p. 168. ${ }^{3}$ Etymologically 'solid bile;' cholesterol was first isolated in gallstones. ${ }^{4}$ Etymologically 'under cartilage,' specifically 'rib cartilage;' the abdomen lies beneath the ribs, which was once believed to be the center of melancholy-a person habitually 'depressed' about his overall 'health' status evolved later.

```
                    cordage-n
                cordite-gk
                cord (n.)
cord (v.)
        spinal cord
        corduroy }\mp@subsup{}{}{1
    corded
                cordless telephone
                    ripcord cordon sanitaire-fl
                    chord dichord-mu
                        umbilical cord}\mp@subsup{}{}{2}\mathrm{ urochord-Bz
                        harpsichord}\mp@subsup{}{}{3}\mathrm{ cordwood-gk
                    Chordata-Bz
                        notochord-Bz
                            hexachord-mu
                            whipcord-fs/gk
                            Hemichordata-Bz
                    Cephalochordata-Bz
```


## Chorde - gut-string, the string of a lyre $\{$ cord $\}$

```
                    hora-d
                            chorus (v.) choriamb-LE
            chorus (n.) Terpsichore-my chorotripsis
            choir (n.)
    choir (v.)
            choreography 
            Choreography 
                chorale
                choirmaster
                choriamb-LE 
                retrochoir-r
                            choreomania-md
                    chorea-md
                            choragus-h/gk
                            chorister-mu
                                    A Christmas Carol-LE
                                    choirboy-v
                    carol4 (n.) choric-gk
                    carol (v.) choir screen-at
                    caroler Choral Symphony-mu
                    caroling quire-gk/mu
                    choirgirl terpsichorean-d/gk
                choirboy
                    chorus girl
                    a cappella choir
                    Christmas carol
                    Hallelujah Chorus
```

Choros - choir, round dance, band of dancers and singers \{cor, choir\}
Choreia-choral dance
${ }^{1}$ The latter part of this word is of unknown origin. ${ }^{2}$ The word umbilical derives from the Latin umbilicus, 'navel.' ${ }^{3}$ A forerunner of the piano which had 'strings' plucked like a 'harp;' the 's' may have been added to ease pronunciation, aid euphony, or perhaps was simply a mistake. ${ }^{4}$ The second part of this word comes from the Greek aulos, 'flute.'

${ }^{1}$ The 'mass of Christ.' ${ }^{2}$ The Swiss word creitin, 'Christian,' referred to developmentally disabled people found in the Alps; the term 'Christian' was applied to them philanthropically, corroborating their human status despite their deformities. ${ }^{3}$ The 'anointed one.'

```
                        polychrome-gk
                        bichromate-CH
                                chromatolysis-BCM
                        chromosphere-as
                        photochromic-a
                        chromium-CH
                        chromatic scale-mu
                            chromatid-BCM
                            chromic acid-CH
                                    chromogen-CH/B
chrome chromosome }\mp@subsup{}{}{1}\mathrm{ chromatic homochromy-Bz
            chromium}\mp@subsup{}{}{2}\mathrm{ monochromatic panchromatic-a anisochromatic
        Cr}\mathrm{ polychromatic oligochromaemia-md chromatocracy
        heterochromia-md verbochromia
            chromatophore-B
                    dyschromatopsia-md
                    hemochromatosis-md
                    heliochrome-a
                            achromatic-s/B
                            polychromy-a
            isochroous-gk
            chromonema-BCM
            chromatin-BCM
            chromatopsia-md
            polychromia-md
            acritochromacy-md
            chromophil-BCM
            orthochromatic-a
    chromophobe-BCM
    chromolithography-a
    chromatics-s
    chromonema-BCM
    chromatography-s
    siderochrome-BCM
    polychromatophilia-BCM
quantum chromodynamics-PH
```


## Chroma, chromatos - color \{chromo-\}

chronotopia-a
synchrotron-PH
chronobiology-B
chronic chronostratigraphy-g
chronology

Chronos-time \{chrono-\}

```
chrysolite-mn
chrysotile-mn chrysophyte- Bb
helichrysm-Bb
chrysocarpous-Bb
chryselephantine-a
Chrysosplenium-Bb chrysostomic
chrysanthemum chrysalis \({ }^{1}\) chrysocracy-ps
chrysophilist-gk
chrysoberyl-mn Chrysaor-my
chrysotherapy-md Chrysippus-my
Chrysomelidae-Bz
Saint John Chrysostom-r
Troilus and Cressida-LE
Troilus and Criseyde-LE
Chrysos - gold \{chryso-\}
```

chthonic-my<br>chthonian-my<br>autochthon-gk<br>Erichthonius-my<br>autochthonous allochthonous-g achthronym<br>catachthonian-gk chthonophagia<br>heterochthonous-md<br>Melanchthonian-r<br>heterochthonous-md

## Chthonos - earth

## 風: $\mathfrak{G r e d k}$

| demon | demonize-gk demoniac-gk daimon-gk/my eudaemon-gk cacodemon-gk demonolatry-r pandemonium ${ }^{1}$ demonic demonically polydae eudaen demono demono Maxwell's | demonomachy demonomagy demonifuge demoniality calodemon deisidaimonia demonology-gk/r Pandæmonium-LE demonocracy-gk nism-r <br> ism- $\Phi$ <br> hy-PS <br> bia-PS <br> mon-PH | demoniacle |
| :---: | :---: | :---: | :---: |

## Daimon - spirit, divine power \{daemon, demon\}



## Daktylos-finger, toe \{dactylo-\}

${ }^{1}$ A word first employed by John Milton in Paradise Lost, where it referred to the home or capital of 'all the demons.' ${ }^{2}$ Supposedly the date was once thought to resemble a 'finger' in its form. ${ }^{3}$ Etymologically a 'winged finger;' the pterodactyl is so named from the long 'finger' on which its membranous 'wing' was supported.

```
insurance policy policy }\mp@subsup{}{}{1}\mathrm{ deictic-Ф/lg
policyholder paradigm apodictic-gk
homeowner's policy paradigmatic deixis-lg
                    epideictic poetry-LE
paradigm shift-s
```

```
                    Deiknunai}\mp@subsup{}{}{2}\mathrm{ -to show {deict}
Apodeixis - proof {apodict, polic}
Deigma - sample, pattern {digm}
```



## Deinos-terrible, monstrous \{dino\}



[^109]
${ }^{1}$ The 'oak' was sacred to Druids; their omphalos, or religious center, was called the 'nemeton,' which was comprised of a grove of ancient and sacred 'oaks.'


## Dia - through, across, thoroughly

dichotomy-as/Bb
dichotomosiphon- Bb
subdichotomy-B
dichastasy-gk
dichoptic-Bz
dichotomy dichotriaene- Bz dichotomize dichogamy- Bb
dichasium-Bb

## Dicha-in two, asunder \{dicho-\}

didactic didascaly-LE<br>didactically autodidact-gk<br>didacticism tachydidaxy-ed<br>didascalic-ed archididascalos<br>didasksaleinophobia<br>Archididascalus

Didaskein - to teach \{didasc\}
Didaktikos - apt at teaching \{didact\}

```
diptych-a
diiamb-LE dilogy-LE
dimeter-LE dipody-LE
disemic-LE dispondee-LE
ditrochee-LE distich-LE
elegiac distich-LE
diplomatically Dilophosaurus-p
diploma diplomacy Diplodocus-p
carbon dioxide diplomat Diceratops-p
diplomatic anadiplosis-LE
dilemma dipteral-at/Bz
dimity-fs
diphthong-lg
diphyllous-Bb
dioxide-CH
diploid-BCM
diploe-an
digastric-an
dimethyl-CH
dioxin-md
diplegia-md
dipole-PH/CH
dipeptide-BCM
dinucleotide-BCM
diethylstilbestrol-md
dimorphism-B/CH/PH
dihydrotachysterol-md/BCM
diethylcarbamazine citrate-md
```


## Dis-two, twice, double \{di-\} <br> Diploos-double, twofold <br> Diploma, diplomatos-folded paper, letter of introduction/recommendation

```
            desk dais desktop publishing-gk
            desktop disk deskperson-gk
            CD disc roll top desk-gk
            compact disk discoid Diskobolos-a
                        DVD disk-Bb
        digital video disk digital versatile disk-CS
            disk drive DOS-CS
            hard disk disk operating system-CS
            floppy disk discus-Bz/sp
                discus hot-desking-$
            discuses discography-gk
                    discotheque }\mp@subsup{}{}{1
                    discothèque
                    disco
Diskos - quoit, disc
Discus (Lat.) - disk-shaped object, discus, table \{desk\}
```

${ }^{1}$ See note 3, p. 597.

```
                                    doxa-Ф
                                    doxy-r
                    orthodox
        orthodoxly
orthodoxy
            heterodox
    heterodoxy
            unorthodox
dogma
            dogmatic
            dogmatism
                    # paradox }\mp@subsup{}{}{1
                    paradoxically twin paradox-PH
                    unorthodoxly doxastic virtues-Ф
                heterodoxly doxastic voluntarism-\Phi
                    EPR paradox-PH
```

Dokein ${ }^{2}$-to appear, seem, think, imagine, suppose $\{\mathrm{doc}\}$
Dogma, dogmatos-opinion
Doxa-opinion, glory


$$
\text { Dromos - a course, running, race }\{\text {-drome }\}
$$

[^110]```
QED-PH
dyne-PH
    dyn-PH
    dynast-ps
        dynamic (adj.)
        dynamo
        dynamite (n.) dynamism thermodynamics isodynamic-gk
    dynamite (v.) dynastic Dynamo-LE dynamics-PH
            dynasty aerodyne-ar
                    aerodynamic aerodynamics-s
                    dynamic (n.) dynamoelectric-s
                        dynamics electrodynamics-s
                        chromodynamics-PH
                        hydrodynamics-s
                        telodynamic-s
            first law of thermodynamics-PH
            second law of thermodynamics-PH
        cryptodynamic-gk dynorphin-BCM
        heterodyne-s dynamic RAM-CS
            superheterodyne-s dynatron-s
        dynamic range-mu
                            psychodynamics-PS
        biodynamics-B/ag zoodynamics-vt
            dynamometer-s dynamize-$
            Dynamosaurus-p dynode-s
                pharmacodynamic-md
                    elastohydrodynamic-s
                        cardiodynamic-md
                    Dynasthai - to be able
                    Dynamis - power {dyn}
                    Dynastes - lord
                            dyscalculia-md
                            dysgraphia-md
                dysprosium-CH dysosmic
dysfunction dyspepsia dysphoria-gk
    dysfunctional dyspeptic dyslexia-md
        dystopia muscular dystrophy
                                dyspnea-md
            dysphonia-md dyspraxia-md
                dystokia-md dysodont-Bz
                dysplasia-md dysuria-md
                        dyscrasia-md
                    dystonia-md
                    dysbarism-md
            dysteleology-\Phi/B dysentery-md
        dyskinesia-md dysmenorrhea-md
            dysphagia-md dysthymia-PS
        dysautonomia-md dysproteinemia-md
                dystrophia myotonica-md
            dystonia musculorum deformans-md
```


## Dys—bad, difficult

## $\mathfrak{E}: \mathfrak{G r e d k}$

| Exodus-LE/r exonumia-gk exocarp-Bb ectomorph-gk |  |  |
| :---: | :---: | :---: |
| tonsillectomy ${ }^{1}$ eschatology- $\Phi$ exotic |  | ectopia-md |
|  |  | synecdoche-LE |
| exotica eccentric |  | exoteric-gk ecdemic |
|  |  | electuary-md ectal |
| eccentricity | exorcise | ectoderm-md/Bz |
| eccentrically | exogamy | exodontics-d |
| ecstatic | exegesis | eclogue-LE |
| ecstasy | synecdoche | ecdysis-Bz |
| ecstat | cally | exothermic-PH |
| exodus exogamy-B |  |  |
|  |  |  |
|  |  |  |
| keratectomy-md |  |  |
| The Ecstasy-LE |  |  |
| Ecclesiastes-LE/r |  |  |
| exoskeleton-Bz/at exotropia-md |  |  |
| exocrine-md exocytosis-BCM |  |  |
| exosphere-mt exogenous-B/md |  |  |
| neurectomy-md exopeptidase-BCM |  |  |
|  |  |  |
|  | exopeptidase-BCM | hthalmos-md |
| ectopic pregnancy-md ectotherm-Bz |  |  |
| ectoproct-Bzexoenzyme-BCM $\begin{gathered}\text { exocortis-Bb } \\ \text { exolinguistic-lg }\end{gathered}$ |  |  |
|  |  |  |
| Historia Ecclesiastica Gentis Anglorum-LE |  |  |
| exodermis-Bb | ectohormone-B exocyclic-CH exonucleolytic-BCM |  |
| Ec, Ex-out of, from |  |  |
| Ectos-outside, without |  |  |
| Exo-out of, outside of |  |  |
| Eschatos- outermost, last |  |  |


| iconic |  |
| :---: | :---: |
| iconoclast <br> iconoclastic | icon |
| iconoclasm |  |

${ }^{1}$ The 'cutting out of the tonsils.' ${ }^{2}$ Etymologically an 'image breaker,' hence metaphorically a severe critic of institutions and/or established ideas.

```
                        e-mail (v.)
                        e-mail (n.)
                    electric (adj.)
                electric (n.)
    electricity }\mp@subsup{}{}{1
    electrical
electric blanket
                    electrify EFM-md
                                    Electra complex-PS
        electric chair
        electric light
        electrified
                                EEG-md
                                ECT-PS
    electrical storm
    electrician
        electron
    electrocute
                electrocution
                    electronic electrode-s
                    electronics electrum-gk
                    electrically electrostatics-PH
            electrocuted electrolyte-md/CH
                    electrolytic-md/CH
                    electromagnet-s
                    electroweak-PH
                        electromotive-PH
                    electrosurgery-md
                    electrotype-gk
                        dielectric-PH
                    electrodialysis-md
                    valence electrons-CH
            electrodynamics-s electroreceptor-Bz
        electromyograph-md electrophile-CH
            electrometallurgy-ml electromigration-PH
                electrophoresis-s electride-CH
        electrorheology-s electroacupuncture-md
            piezoelectricity-s electrochromism-PH
        electroluminescence-s electrogasdynamics-s
            electronic banking-$ electrocoating-s
                    electronic transfer-$ electrocyte-Bz
                    electronic publishing-$
                    electron microscope-s
                    electron neutrino-PH
                    electroretinography-md
                    electron transport-BCM
                    electrocorticography-md
                    electronic funds transfer-$
                    electron spin resonance-PH
                    electromagnetic spectrum-PH
                    Mourning Becomes Electra-LE
```


## Elektron - amber \{electr, electro-\}

```
                            embryology-B/md
                embryopathy-md
    embryectomy-md
embryonic disk-B/md
    embryo
    embryonic
                embryoma-md
                    embryotomy-m
```

                    Embryon - a young one, an embryo \{embryo-\}
    

## En, em, el - in, into <br> Endon-in, within



## Epi-upon, over, forth, around, near, after, besides, at $\{e p\}$

[^111]```
hermit \({ }^{1}\)
Eremian-ge hermit crab hermitic eremology-s
eremic-gk eremophobia
eremite-r/gk
Eremurus-Bb
Eremophila-Bb
eremophyte- Bb
Eremopteris-p
The Hermit-LE
The Hermit of Warkworth-LE
The Hermitage at the Center-LE
```


## Eremos - solitary, lonely \{herm\} Eremia - desert



[^112]| erotic erotically | ```erotology-gk eroticize-gk erotographomania eros-PS/gk anacampserote Eros-my erotodromomania eroticism erotica-LE/a amphierotic erogenous-gk miserotia erotogenic-gk alloerotism-PS erogenous zone-gk eroticism-LE/a/gk erotic poetry-LE Eros and Psyche-my erotomania-PS/gk Eros Turannos-LE``` |
| :---: | :---: |

## Eros, erotos-love, desire

ethnic
ethnicity

## Ethnos - nation, people \{ethno-\}



# Ethos-custom, habit, character, disposition 



## (a): Gredk



```
    gastrostomy-md
    gastrotomy-md
    gastrology-md
    gastrolith-md
    gastrula-md/B
                                    GERD-md
                                    gastric-md/an
                            gastrointestinal-an gastralgia-md
                            gastronomy-gs gastroenterology-md
            gastritis-md
        gastropod-Bz gastric digastric-an
    gastrectomy-md gastric juice-md gastroscope-md
gastrin-md
    engastration
        gastromancy-h
        gastrimargy gastrosoph-gs
            gastrocele-md
                epigastric-gk
                    Gasteromycetes-Bb philogastric-gs
                    Chalastogastra-Bz
                        gastric reflux-md
                        gastric ulcer-md
                                    gastrocnemius-an
                                    gastroduodenal-an
                                    gastrocolic reflex-md
                                    gastroduodenostomy-md
                                    hypogastrium-an
                                    pentagastrin-BCM
                                    nephrogastric-an
```

Gaster, gastros - stomach, belly \{gastro-\}


$$
\text { Ge - earth }\{\text { geo- }\}
$$

```
                            geriatrics-md
                            progeria-md eugeria
    Ageratum- }\textrm{Bb}\mathrm{ gerocomical
    gerodontics-dt geromorphism
    gerontogeous-gk gerontocomium
                            gerontology-md
        geriatric gerontocracy-ps
            gerontic-gk
            agerasia-gk
                gerascophobia-gk
                    Geronte-LE
                    geratology-B
                Gerontion-LE
                The Dream of Gerontius-LE
                    Geras, gerato - old age
            Geron, gerontos - old man {geronto-}
                glossa-an/Bz
            glossarist-gk glossology-lg
            pentaglot-gk glottogonic-gk
            homoglot-gk tessaraglot-gk
            bugloss-Bb
                glottis-an
    glossary polyglot glottal-an glossocomium
            gloss (v.) epiglottis-an glossopetra
        gloss (n.) hypoglossal-an cataglottism
            gloze }\mp@subsup{}{}{1}\mathrm{ glossitis-md bradyglossia
            monoglot glossographer-gk
                    anthropoglot-Bz
                        isogloss-lg
                        glossal-an
                    macroglossia-md
                    glossolalia-gk/r
        xenoglossia-gk ankyloglossia-md
            idioglossia-md glossotomy-md
                        glossophorous-Bz
                    Glossophaga-Bz
                    coup de glotte-lg
                glossator-h/gk glottal stop-lg
                    Pangloss-LE
                    Panglossian-gk
                    oligoglottism-gk
                    chondroglossus-an
                        hypoglossal-an/md
                            hypoglossal nerve-an
                        glossopharyngeal nerve-an
```


## Glossa - the tongue, language <br> Glotta - the tongue, language <br> Glossa (Lat.) - a compendium of unfamiliar words requiring interpretation

${ }^{1}$ Via Middle English glosen, 'to explain away, favorably interpret.'


## Gonia- angle, corner



[^113]

[^114]```
                    gynandrous-gk/Bb
                    gynaecoid-Bz/an
                            gynecology-md
    misogyny
        misogynist
    androgynous androgyne gynocracy-ps
        philogynist perigynium-Bb
philogyny hologynic-BCM gynecoid-gk
            gyneconome-h gynophore-Bb
            gynephobia-PS heterogynous-Bz
                gynoecium-Bb epigynous-Bb
            gynodioecious-Bb gynethusia
    gynaeceum-h gynotikolobomassophile
gynecopathy-md spanogyne
            pseudogyne-Bz gynecomania
            gynandrous-Bb dyscalligynia
            gynaecocoenic-gk kaleidogyne
        protogynous-Bb ecoproterogyny
            monogyny-gk gynics
                    gyne-Bz
                    trichogyne-B
                    hologynic-BCM
                    anisogynous-Bb
                    gynandromorph-B
                    gynecomastia-md
                gynandromorphous-Bz
```

    Gyne, gynaikos - woman \{gyneco-, gyno-\}
    ```
                    gyrus-an
                    gyro-gs/s
                    gyrolite-mn
                    girasol-gs/gm
                            Gyrinidae-Bz
    gyroscope gyrate gyrovague-h
                gyre levogyrate-CH
            gyration girandole-gk downgyred
        gyrating gyrocopter-ar gyronomonic
            Gyroceras-p
                spirogyra-B
    Gyrodactylus-Bz gyrocompass-s
gyrostabilizer-ar/n gyrotheodolite-s
    gyropsoriasis-md gyromagnetic-PH
            gyromancy-gk
            helicogyrate-Bb
```

        Gyros - ring, circle \{gyro-\}
    
## 䛼: © $\mathfrak{G r e c k}$



## Haima, haimatos - blood \{em, -emia, haemo-1, hem, hemat-, hemato-, hemo-\}

[^115]heretic ${ }^{1}$
heretical

Albigensian heresy-h/r
Arian heresy-h/r
heresy heresiarch-gk
heretically aphaeresis-lg
apheresis-md
dieresis-lg/LE
proaeresis-gk
hyphaeresis-LE
syneresis-lg/CH
heresiography-gk
Gnostic heresy-h/r
Monotheletic heresy-h/r
Monarchianistic heresy-h/r
Iconoclastic heresy-h/r
Waldensian heresy-h/r
Hairein - to take \{aeres, eres, haeres\}
Haireisthai - to choose \{heres, heret\}

> apse-at/as apsis-at/as haptodysphoria ephapse-md presynapse-md postsynapse-md synaptic cleft-md hapten-BCM haptoglobin-BCM synapse-md synapsis-BCM synaptosome-md haptic-gk Synapsida-p haptotropism-Bb Synaptosaurisa-p Synaptidae-Bb
> synaptic gap-md synaptinemal complex-BCM
> Haptein - to bind, fasten, touch \{aps, apt $\}$
> Hapsis - arch, vault

Harmonia-my
philharmonic-mu
harmonicon-mu
harmonichord-mu
harmoniphone-mu Harmonium-LE
harmony harmonic-mu harmoniacal
harmonize harmonics- $\mathrm{PH} / \mathrm{mu}$
harmonica harmonic harmonium-mu
harmonious harmonia-an
harmoniously harmonic curve-M
harmoniousness harmonic progression-M
inharmonious logical harmony- $\Phi$
inharmoniously harmonic distortion-s
harmonic analysis-M
harmonic function-M
harmonic motion-PH
harmonic series-mu/M
pre-established harmony-Ф
Harmonia - harmony, agreement, concord, joining \{harmoni\}
${ }^{1}$ The heretic 'chose' a way of thought different from that of the orthodox church, and was subsequently burned at the stake.



[^116]

# Helix, helikos - spiral object, twist, convolution, whirl \{heli-, helic\} 

Hephaestus ${ }^{1}$<br>hemera-p/g hemeraphonia ephemeris-as ephemoromorph<br>ephemerid-Bz hemerology<br>ephemeral ${ }^{2}$ ephemera ephemeron-gk<br>ephemerally hemerocallis- Bb<br>ephemerality hemeralopia-md<br>ephemeralness nychthemeral-B<br>hemerine-md<br>nychthemeron-gk Hemerobius-Bz<br>Hemerobaptist-r<br>ephemeris time-as<br>lunar ephemeris-as<br>\section*{Hemera - day}

[^117]

Hemisus - half

```
henism-\Phi
henotic-gk
hendiadys-LE adys-LE henotheism-r
hyphen (v.) hendecagon-M
hyphenate (v.) hendecasyllabic-LE
kathenotheism-r
henopoeia-LE
hyphenate (n.)-gk
```

hyphen (n.)
hyphenated

## Hen-one

hepatoflavin-BCM hepatitis A-md hepatitis-md hepatocyte-BCM hepatomegaly-md hepatin-BCM hepatitis B-md hepatotoxicity-md Hepaticae- Bb heparin- $\mathrm{BCM} / \mathrm{md}$ serum hepatitis-md hepatoma-md hepatic-an hepatectomy-md hepatitis C-md hepatobiliary-md/an hepaticologist- Bb hepatic duct-an hepatic artery-an hepatite-mn hepatitis D-md hepatic vein-an
hepatolith-md hepatitis E-md hepatopathy-md hepatopancreas-Bz hepatotomy-md Hepar, hepatos - the liver \{hepato-\}
${ }^{1}$ Via the Greek hemikrania, 'half-skull;' a migraine is usually confined to one side of the head. Grimm's law indicates that the ' $k$ ' of hemikrania can shift to the ' $g$ ' of migraine.
heptavalent-CH heptasyllabic-LE/lg heptandria- Bb heptagynia- Bb heptagon heptamerous-gk heptad-gk heptachord-mu heptahedron-M
heptane-CH
heptathlon-sp
heptameter-LE
heptarchy-ps
heptapodic-LE
Heptarchy-h
heptastich-LE
Heptateuch-r
heptahydrate- CH
heptachlor-CH/md
The Heptameron-LE
Hepta - seven \{hept\}
hero worship
heroine antihero-LE
hero hero cycle-my
heroes heroic couplet-LE
heroic heroic drama-LE
heroically heroic verse-LE
heroics heroic stanza-LE
heroism The Hero-LE
heroize On Heroes, Hero-worship and the
Heroic in History-LE
mock-heroic-LE
Byronic hero-LE
Heros - protector, hero

```
heterophemism-gk heteric heteroclite-gr/gk heterolith hetero heterological-lg heterolalia heterodox heterochromatosis-md heteropraxy heterosexual heterochromia-md
heterogeneity heterotopic-md/B
heterodoxy heterophyllous- Bb heterogeneous heterocyclic-CH
heterogeneously heteromorphic- \(\mathrm{Bz} / \mathrm{BCM}\) heterotaxis-md heterodyne-s
heteroatom-CH heteronym-lg heterophoria-md heterography-lg heterogenous-md heteronymous-gk/s heterogamy-B heterize-gk heterochromosome-BCM heterodimer-BCM heterophony-mu
heterochthonous-md heteroplasty-md
Heterodontosaurus-p Heteroscian-gk heteroduplex-BCM heteropolysaccharide-BCM heterosexism-gk
```

Heteros-other \{hetero-\}
hexagon
hexagonal
hexad-gk
hexane-CH
hexameter-LE
hexadactylism-md exameter-s
hexagram-gk exahertz-s
hexamerous- $\mathrm{Bb} / \mathrm{gk}$ hexahydrite-mn
Hexapoda-Bz hexameron-r
hexahedron-M hexapartite-gk
Hexateuch-r hexadecimal-M hexadecapole-PH hexosaminidase-BCM hexacosanoic acid-CH hexose-BCM

$$
\text { Hex-six \{hexa-\} }
$$

Hieros Gamos-r
hierurgy-r hierofastidia
hierocracy-ps hieromachy hieroscopy-gk
hieroglyph hierology-r/LE
hieroglyphic hieromancy-gk
hierarchy hierophant-gk/r
hierarchical hieromonk-r
hieroglyphics Hierapolis-h
hierarch hierodule-r hieratic hierophobia-gk hierolatry-r hierophany-r hierodeacon-r Hierosaurus-p hieromnemon-h Hieronymus Bosch-a tangled hierarchy-gk

Hieros - holy \{hiero-\}


Hippos - horse \{hippo\}
${ }^{1}$ Etymologically a 'lover of horses.' ${ }^{2}$ Eponymous adjective relating to the 'diatribes' against 'Philip' of Macedon delivered by the great Greek orator Demosthenes.

| storywriter | story |
| :---: | :---: |
| New Historicism-LE |  |
| storyteller | A History of New York-LE |

## Histor-learned man, wise man

 Historein - inquire into, examine Historia ${ }^{1}$ (Lat.) - history, story, narrativeHistiopteridae-Bz histogenesis-B/md histiocytosis-md histone-BCM
histamine-BCM histidine-BCM
MHC-md
Histoplasma-Bb histoplasmosis-md
histopathology-md histophysiology-md histomoniasis-vt antihistamine-md histology-an/B/md
histoincompatibility-md
histoid-md histogram-M histochemistry-BCM histolysis-md antihistamine-md
histiocytoma-vt histometabasis-p

$$
\text { Histos - tissue, web \{histo-\} }
$$

[^118]

[^119]homocentric-gk homophonic-mu Homopteran-Bz homeobox gene-BCM homeopathy-md homeomorphism-CH/M homodox homomorphism-B/M homocysteine-BCM
homonym homeostasis homeomorphy-p
homogeneous homologous homoplastic-md homogeneity homœestasis homophone-lg anomaly ${ }^{1}$ homoiostasis homography-lg
anomalous homogamous- Bb
homogenize homochromatic-gk
homosexual homozygote-BCM homosexuality homoglot-gk homogeneously homily-r
homiletics-r
homophylic-B homogenize-ag
homeoteleuton-LE homœoteleuton-LE homoioteleuton-LE homotaxis-g homonymous-Bz homophile-gk homocystinuria-md homeotherm- Bz homoiothermic- Bz homœothermic- Bz
homodimer-BCM homophobia-PS
homologous-BCM/CH/md/B

## Homos - same \{homo-\} <br> $H_{0}{ }^{2}{ }^{2}$ - similar, like $\{$ homeo-, homœo- $\}$ <br> Homilos - crowd



Hora - hour, season, time \{hour

$$
\begin{gathered}
\text { theorize } \\
\text { theoretical theoretically } \\
\text { theorem ephor-h set theory-M/Ф } \\
\text { theory }{ }^{4} \text { diorama-gk Gödel's theorem-M } \\
\text { panorama cyclorama-gk/a } \\
\text { panoramic myriorama-gk neorama } \\
\text { theorist cosmorama-gk } \\
\text { tarsorrhaphy-md } \\
\text { panstereorama-gk } \\
\text { Horan-to see } \\
\text { Horama-sight, view } \\
\text { Theoria-a looking at, viewing }
\end{gathered}
$$

[^120]horizon ${ }^{1}$
horizontal aphorism ${ }^{2}$ event horizon-PH horizontally aphoristic
aphorize
aphoristically

## Horos - boundary



[^121]```
butyl-CH
propyl-CH
methyl chloride-CH
acetophenetidin-md
methyl acetate- CH methylate- CH
carbonyl-CH methyl-CH methylene-CH
```

salicylism-md
acetylsalicylic acid-CH
methylnaphthalene-CH
ethyl acetate-CH
acetylcholinesterase-BCM
salicylous-CH
salicyl-CH salicylate-CH methylprednisolone-md ethylene-CH ethyl-CH mine-CH ethyl chloride-CH acetylene-CH acetyl-CH acetyl coenzyme A-BCM

## Hyle-matter, substance, stuff

Hyperion-my<br>Hyperion-LE<br>Hyperborean-my http-CS<br>hyperborean-gk hypertext-CS hypercard-CS<br>hypercholesterolemia-md hypermedia-CS<br>hyperbola hypertrophy-md<br>hyperactive hyperventilate hyperbaric-s hyperactivity hyperbole hyperbaton-LE hyper hyperbolic hyperdulia-r hypersensitive hyperbolically hyperchromia-md<br>hype (n.) hyperdiapason-mu<br>hype (v.) hyperextension-md<br>hyping hyperconscious-gk<br>hypercritical hypertokenism-gk hypercatalectic-LE hypertension hyperspace-PH hypercharge-PH<br>hyperthermia hypermnesia-PS hypercolumn-Bz/an<br>hyperlink (n.) hyperon-PH hyperdiploid-BCM<br>hyperlink (v.) hyperphagia-md hypervitaminosis-md<br>html hypersonic-s hyperthyroidism-md<br>hypercolor-PH hypercyclic-M<br>hyperkinetic syndrome-md hypercomplex-M<br>hypercube-M/CS hypergeometric distribution-M hypermarket-\$<br>The Fall of Hyperion-LE

## Hyper - over, above, thoroughly

Hypnos-my hypnomantic
hypnoid-gk hypnomancy
hypnoanalysis-PS hypnomogia
hypnotize hypnagogic-gk
hypnotist hypnotic (adj.) hypnotherapy-md
hypnotism hypnotically hypnophobia-PS
hypnotized autohypnosis-gk
hypnosis hypnopompic-gk
hypnotic (n.)-gk
hypnopedia-ed
hypnology-md
agyypnia-md
hypnobate-gk
hypnone-md
hypnosporangium-Bb

Hypnos - slumber, sleep \{hypno-\}


Hypo-under, below \{hypo-\}

## IJ: $\mathfrak{G r e d k}$

> | podiatrist |  |  |
| :---: | :---: | :---: |
| psychiatrist | pediatrician |  |
| psychiatry pediatrics geriatric | iatrogenic-md |  |
| psychiatric physiatrist-md | philiater |  |
| iatrophobia-gk iatrapistia |  |  |
| otiatrics-md iatromisia |  |  |
| cyniatry |  |  |
| iatramelia |  |  |
| peniatry |  |  |
| iatric |  |  |
| zoiatrics |  |  |
| iatraliptic |  |  |
| iatrology |  |  |

Iatros-healer, physician
ichthyofauna-Bz
ichthyology-Bz
ichthyornis-p
ichthyic-Bz
ichthyol-md
ichthyocolla-gk
ichthyocoprolite-p
ichthyosis-md
ichthyoid-gk ichthyophage-Bz
ichthyophagan Ichthyosauria-p
Dinichthys-p ichthyopterygian-p
Ophichthyidae-Bz


```
                    Idea-appearance, form, idea {ideo-}
                        Eidos -form, shape {-oid}
                Eidolon-image, likeness, phantom
```

idiocy-PS
idiot $^{2}$ idiom idiot savant-fl idiasm
idiotic idiomatic idiophone-mu
idiotically idiosyncrasy idioticon- lg
idiocy idiosyncratic idiomorphic-mn
idiot box idiosyncratically idiopathic-md idiot-proof idiomatically idioglossia-md idiolalia-md idiolect-lg idiotope-md idiographic-gk idiolatry-gk idioblast-Bb The Idiot Boy-LE

Idiot's Delight-LE
idiotype-BCM/md
idioventricular-md

## Idios-own, personal, private

[^122]Iris-my \begin{tabular}{c}
iris ${ }^{1}$ <br>

iridescent | iritis-md |
| :---: |
| iridectomy-md |
| iridescence | <br>

iridiscently <br>
iridal <br>
iridaceous- Bb <br>
Iridacea- Bb <br>
iridic-an
\end{tabular}

iridin-CH
iridite-CH
iridium- CH
iridodesis-md

## Iris, iridos - rainbow

```
                            isobar-mt
            isotope }\mp@subsup{}{}{2}\mathrm{ anisochromatic
    isosceles isometric isomer-CH/PH
isosceles triangle }\mp@subsup{}{}{3}\mathrm{ isometrics-sp stereoisomer-CH
                        isopraxism-gk isonomy-gk
                        isoleucine-BCM
            isotropic-gk isocline-g
        isomorphism-B/M isochromatic-PH
        isocracy-ps isoenzyme-BCM
            isoflavone-md/Bb
                        isospin-PH
                        isohyet-mt
                        isadelphous-Bb
            isogonic-M isograft-md
    anisotropy-s isopiestic-mt isanthous-Bb
            anisomerous-Bb Isopoda-Bz
                    isopropyl alcohol-CH
                    isentropic-PH
                        isostasy-g
                    isotretinoin-md/CH
        isodiaphere-PH isocratic-CH
        isogonic line-ge isometropia-md
            isopycnic-s isopentane-CH
                isogon-M
                    isotherm-mt
                    anisometric-LE
                    isochronism-LE
                isocarboxazid-md
                    Isos - equal {iso-}
```

${ }^{1}$ An iris flower can come in many colors of the 'rainbow;' the eye's iris, which can also come in many different colors, is a circular muscle that dilates and contracts the pupil. ${ }^{2}$ See note 3, p. 603. ${ }^{3}$ An isoceles triangle has at least two sides of 'equal' length; via Greek isoskeles, 'equal leg.'

```
                    peritonitis-md
                    gastritis-md colitis-md
                    appendicitis nephritis-md
                    tonsillitis encephalitis-md
            tendonitis arthritis dermatitis-md
                    tendinitis bronchitis rhinitis-md
                    Achilles tendonitis bursitis-md
                    Achilles tendinitis parotitis-md
                    laryngitis phlebitis-md
    televisionitis }\mp@subsup{}{}{2}\mathrm{ typhlitis-md pleurisy }\mp@subsup{}{}{1}\mathrm{ -md
    bookitis}\mp@subsup{}{}{2}\mathrm{ pharyngitis-md salpingitis-md
chocolatitis}\mp@subsup{}{}{2}\mathrm{ amygdalitis-md gastroenteritis-md
        gonarthritis-md omphalitis-md
        rhachitis-md rachitis-md
        rumenitis-vt thelitis-md
            conjunctivitis-md
                    meningitis-md
-itis - disease of, inflammation of
```


## 现: Grerek

| recent | Miocene-g |
| :---: | :---: |
| recently | Pliocene-g |
| recency | kainite-mn |
| recentness | cainotophobia-PS |
| Holocene-g |  |
| cenosite-mn |  |
| Cenozoic-g |  |
| Elocene-g |  |
| Oligocene-g |  |
| Pleistocene-g |  |
| cenogenesis-B |  |
| cenozoology-Bz $\quad$ misocainia |  |

Kainos-new, recent \{cen, -cene\}

## Recens, recentis (Lat.) - fresh, young, new



Kallos-beauty \{cal, calli\}
${ }^{1}$ See note 6, p. 589.

```
                    canyoning-sp
    canyon }\mp@subsup{}{}{1}\mathrm{ kennel-ui
    cannon }\mp@subsup{}{}{2}\mathrm{ (n.) canalization-B
    cannonball cannoli-gs
    TV channel canal-an/as
    cane (n.) cannon fodder-ms
    cane (v.) canaliculus-an
        canal (n.) canal (v.) Canal Zone-ge
        Panama canal canalization canaliculate-gk
        Suez canal canalize channelize cannon bone-vt/an
            sugar cane cannonade cannonry-ms
            cane sugar cannon (v.) cannula-md
            candy cane channel (n.) cannulate-md
            walking cane channel (v.) channel-CS/s
            canister channeled channeling-gk
            Grand Canyon channels channel black-gk
            channel-surfing alimentary canal-an
                    channel-surf canales alveolares-an
                birth canal auditory canal-an
                caning cerebrospinal canal-an
            canal of Corti-an Houston Canal-ge
            Eustachian canal-an Canal du Midi-ge
        gastric canal-an Erie Canal-ge Gota Canal-ge
    infraorbital canal-an lacrimal canal-an Grand Canal-ge
    omphalomesenteric canal-an pharyngeal canal-an root canal-dt
    semicircular canals-an Canyon de Chelly National Monument-ge
    Bryce Canyon-ge Glen Canyon Dam-ge Walnut Canyon-ge
Boulder Canyon-ge Black Canyon-ge Canyon Wind-ge Kings Canyon-ge
Channel Firing-LE cane toad-Bz/ag channel catfish-Bz canebrake-gk
```


# Kanna-reed \{can\} <br> Canalis-channel for water, conduit, gutter \{channel\} <br> Canna (Lat.) - reed, cane, pipe \{can\} 

canon-mu
Canon-r
canonicity-gk
canonize canonical-r
canonical canoness-r
canonical hours-r
canon law-r
countercanonical-gk
canon of the mass-r
deuterocanonical-r
The Canonization-LE
The Western Canon-LE
Canon's Yeoman's Tale-LE

## Kanon-rule, straight rod, standard \{canon\}

[^123]```
                    cardia-an
                            carditis-md
                                myocarditis-md
    cardiologist cardiogram-md
        CPR cardiac myocardium-an
        cardiovascular pericardium-an
                tachycardia-md
                    bradycardia-md
                cardiograph-md
                    cardialgia-md
                    cardiothoracic-an
                    cardiogenic-md
                cardenolide-CH
                ardiomyopathy-md
                        myocarditis-md
                        cardioactive-md
```

                    Anacardium-Bb
                    endocardium-an
                    cardioversion-md
                    cardiomegaly-md
                    cardiosclerosis-md
                    cardiopulmonary-an
                    myocardial infarction-md
                    cineangiocardiography-md
                    Kardia - heart \{card, cardio-\}
    ```
                        CRT-s
                    catheter-md
                        catarrh-md
                    catalog (v.) cataract }\mp@subsup{}{}{5}\mathrm{ cathode-s
            catalog}\mp@subsup{}{}{1}(\textrm{n}.) catastrophe catechize catabolism-BCM
    card catalog catalyst catholic (adj.) catadromous-Bz
            catapult (v.) catastrophic catalysis cataract-md
                catapult }\mp@subsup{}{}{2}\mathrm{ (n.) catalyze catatonic catalogue raisonné-fl
                    Catholic }\mp@subsup{}{}{3}\quad\mathrm{ cataclysm catachresis-lg
                    category }\mp@subsup{}{}{4}\mathrm{ categorical catacomb-gk
                    catalytic catholicon-md
                    catagelophobia-PS
                apocatastasis-r/md/as
                    catalytic converter-s
                    acatalectic-LE
                    catastasis-LE
                    catalectic-LE
                    catalepsy-md
                    catechumen-r
                    catafalque-gk/r
                    Anglo-Catholic-r
                    catalogue verse-LE
                    catastrophe theory-M
                categorical imperative-Ф
            Mr. Higginbotham's Catastrophe-LE
```

            Kata - down, thoroughly \{cat, cata-\}
    [^124]ink (v.)

| ink (v.) |  |  |
| :---: | :---: | :---: |
| inkblot ink ${ }^{1}$ ( n . |  | traffic calming-gk |
| inkwell | holocaust ${ }^{2}$ | cautery-md |
| Holocaust ${ }^{2}$ | caustic (adj.) | caustic (n.)-s |
| inkstand | caustically | encaustic-a |
| ink-jet printer i | inky calmative | inkblot test-PS |
| ink-jet cartridge | cauterize ${ }^{4}$ | caustic soda-CH |

octopus ink inkhorn-gk squid ink calmly
calm $^{3}$ (v.) calm (adj.) calmness
calm (n.) calmer
calmest calming
becalmed becalm

# Kaustos - burnt, red-hot \{caust\} <br> Kaiein, kauso - to burn, set on fire <br> Kauma-heat \{calm\} 



```
                                    rhinoceros }\mp@subsup{}{}{1}\mp@subsup{\mathrm{ carrot }}{}{2
                                    carroty
                                    carrottop
                                    ceratoid-gk
                Monoceros-as
                carrot juice
                carotene-BCM
            karat }\mp@subsup{}{}{3
        carat3
                        beta carotene-BCM
                                    keratin-an
12 carat
                                    Cladocera-Bz
                                    Ceratodus-p
        Triceratops
        Anchiceratops-p
        keratinophilic-Bb
        keratitis-md
            keratotomy-md
                keratoglobus-md
                keratoma-md
                keratopathy-md
                    keratolysis-md
                    carotenoid-BCM
                    Pentaceratops-p
                    Brachyceratops-p
                    Ceratosaurus-p
                    Protoceratops-p
                            Arrhinoceratops-p
                        Breviceratops-p
                        Diceratops-p
                            Kulceratops-p Microceratops-p
                                oceratops-p
                                Montanoceratops-p Notoceratops-p
                        Proceratops-p Turanoceratops-p
                        Udanoceratops-p Zuniceratops-p
                        carrot-and-stick-gk
                        keratoconjunctivitis-md
                    Keras, keratos - horn {carat, cer, cerat, cerato-}
                    Karoton - carrot2 {carot, carrot}
```

cine-fl
dyskinesia-md
cinedance-d/f
kinesalgia-md
cineaste-f kinetin-BCM
kinology-PH kinocilium-B
kinetics-PH/CH kinoform-PH
cinema ${ }^{1}$ kinesics-gk kininase-BCM
cinematic
cinemagoer
cinematography
cinematographer kinin-BCM
kinesthesia-md/gk
kinetic art-a
home cinema-gk
telekinesis kinesitherapy-md
telekinetic diakinesis-BCM
kinetic kinetoscope-f
kinetically kinetosis-md
kinetic energy karyokinesis-BCM
bradykinin-BCM
cinephile-f
kinematics-PH
kinesipathy-md
lymphokine-md
kinesthetic-md/gk
kinesiatrics-md kinetoplast-B
kinesophobia-PS kinetosome-B
kinesiology-md kinesis-B/Ф
cinema verite-f kinetic theory-PH
cinefluorography-f cinematheque-fl
cineradiography-md kinetheodolite-s
cineangiography-md
pharmacokinetics-md
chronocinematography-s
cineangiocardiography-md

Kinein - to move, set in motion
Kinema, kinematos - movement, motion \{cine, cinema, cinemat\}
Kinesis-motion
Kinetos - moving \{kineto-\}
klepto
kleptomania clepsydra-gk
kleptomaniac cleptobiosis-Bz
kleptocracy-ps
biblioklept-gk
kleptolagnia-PS
kleptoparasitism-Bz
bibliokleptomania-gk

## Kleptein - to steal

${ }^{1}$ Short for 'cinematograph,' or 'movie theater.'

> aclinic-g
> clinamen-fl clitic-lg
> syncline-g cline-B
> anticline-g clinometer-s polyclinic-md proclitic-lg declension-lg/gk decline-gr apopemptoclinic
> pericline-mn diclinous- Bb accline clinomania-gk cheiloproclitic climate $^{1}$ anticlimax clinical climacteric-gk clinic $^{2}$ anticlimactic clinically grand climacteric-gk climax $^{3}$ (n.) disinclination climatology-mt clinician declination clinandrium- Bb decline (v.) disinclined triclinium-h decline (n.) inclinable reclinate- Bb declined inclination enclitic-lg declining climactic heteroclite-gr/gk recline climatic anaclitic-PS reclining acclimate heterocline-mn recliner acclimated clinophobia-PS incline ( $n$.) acclimatize declination-as incline (v.) clime inclinometer-ar/n inclined acclimatized matriclinous-BCM climate-controlled anticlimactically patriclinous-BCM
> climax (v.) monoclinous- Bb isocline-g
> monocline-g clitoris ${ }^{4}$-an
> microcline-mn
> acclimatization-B
> Decline and Fall-LE
> clinical depression-PS
> Decline and Fall of the Roman Empire-h
> Klinein - to lean \{clin, clit\}
> Klimax, klimakos - ladder ${ }^{3}$, staircase, climax \{climax, climact\}
> Kline-bed, couch \{clin\}
> Klima, klimatos - sloping region or zone of the earth \{clim, climat\}
> Clinare, clinare, clinavi, clinatum ${ }^{5}$ (Lat.) - to lean, bend
> Koine-lg
> koine-fl/lg
> cenobite-r
> coenaesthesis-PS koinotropy
> epicene cenogamy-gk
> anacoenosis-LE
> coinonomic-gk coenosarc-Bz
> gynaecocoenic-gk coenospecies-B
> koinonia-r
> coenocyte-BCM coenurus-vt

Koinos - common, shared \{cen, ceno-, coen\}

[^125]coup de force-fl
coupon ${ }^{1}$ coup coup de foudre-fl
couponing countercoup coup de grâce-fl
recoup ${ }^{2}$ (v.) coupe-gk
recoup (n.) coupé-gk
recouped two-door coupe-gk
$\operatorname{cope}^{3}$ (v.) copse ${ }^{4}$ coup de main-fl/ms
coup d'état coup d'oeil-fl
coups d'état coup de glotte-lg
coup d'états count coup-v coppice-gk coup de théâtre-LE/fl

## Kolaphos - buffet, cuff, blow \{cop, coup\}

```
comic
comical comedy
comedienne comedian
situation comedy seriocomic-gk
comics
Sunday comics
comic strip comic opera-mu/gk
comic book old comedy-LE
sitcom tragi-comedy-LE
comically comédie-ballet-LE
comedy of ideas-LE
Comédie Humaine-LE
comédie larmoyant-LE
La Divina Commedia-LE commedia dell'arte-LE
comedy of humours-LE
comedy of manners-LE
commedia erudita-LE
high comedy-LE
low comedy-LE
comedy of errors-v
The Comedy of Errors-LE
```


## Komos-a merry-making, revel, celebration \{com\}

| cone (n.) <br> ice-cream cone |  | conoic-gk |
| :---: | :---: | :---: |
|  |  | cone-an/M/Bb |
| pinecone | conic | conenose-Bz |
| waffle cone | conical | cone (v.)-gk |
| coniferous |  | conodont-p |
| conifer |  | coneflowe |
|  | ic sectio | idae-Bz |
| conoid ligament-an conic projection-gk |  |  |

Konos - cone \{con\}

[^126]\[

$$
\begin{gathered}
\text { cosmic cosmos } \\
\text { cosmology-as } / \Phi \\
\text { cosmonaut } \quad \text { cosmically }
\end{gathered}
$$ cosmopolis-gk
\]

| cranium $^{1}$ |  |  |
| :---: | :---: | :---: |
| crania olecranon-an |  |  |
| cranial | cranial nerve-an |  |
| migraine ${ }^{2}$ | craniectomy-md |  |
| migraine headache | craniotomy-md |  |
| craniosacral-an | craniometer-md |  |
| craniology-md/an | craniofacial-an |  |
| craniocerebral-an pericranium-an | cranial bones-an |  |
| Craniata-Bz |  |  |
| intracranial-an | craniopharyngiomathy-md |  |
| cranial segment-an | craniorachischisis-md |  |

            Kranion - skull \{cran, crani-, cranio-\}
    

Kratos - rule, sway, sovereignty $\{$-cracy, -crat $\}$
${ }^{1}$ Via Latin cranium, 'skull.' ${ }^{2}$ See note 1, p. 485.

```
critic
critical critique (v.)
\begin{tabular}{ccc} 
critically & critique (n.) & diacritic-md/lg \\
criticism & hypercritical & criticaster-gk \\
criticize & criterion & anacrisis-gk \\
crisis & criteria & epicritic-PS \\
crises & hypocrisy & criticality-gk/PH \\
izable & hypocrite & critical mass-gk/PH \\
izer & hypocritical & literary criticism-LE
\end{tabular} crisis center hypocritically endocrinology-md
hypercritic exocrine-md hypercriticism hematocrit-md hypercritically eccrine-md
The Crisis-LE
The Critic-LE
oneirocriticism-gk
Critical Realism- \(\Phi\)
critical thinking-gk
Anatomy of Criticism-LE
Shakespearean Criticism-LE
Critique of Judgment-Ф
Critique of Pure Reason- \(\Phi\)
Critique of Practical Reason- \(\Phi\)
Critique of Dialectical Reason-Ф
```

> Krites - judge, umpire $\{$ crit $\}$
> Krisis - decision, judgment $\{$ cris $\}$
> Krinein - to judge, separate, decide $\{$ crin, crit $\}$
> Hypokrinesthai - to play a part ${ }^{\mathbf{1}}$, pretend $\{$ hypocris, hypocrit $\}$
crystal crystalline crystallize crystallized

Kryos - cold, frost \{cryo-\}
Krystallos-ice, crystal \{crystal\}

[^127]```
                                    crypto-gk
                                    apocrypha-gk
crypt apocryphal }\mp@subsup{}{}{1}\mathrm{ cryptographic Apocrypha-r cryptograndiloquism
        cryptic cryptogram cryptozoology-Bz cryptoscopophilia
            cryptically cryptograph cryptanthous
            grotesque }\mp@subsup{}{}{2}\mathrm{ cryptography cryptogamia-Bb cryptarchy
                grotesquery encryption grot-gk pathocryptia
                    grotesquely encrypt grotto-gk
                        grotesqueness grotty-v
                    crypt-at
                                cryptex-gk
                                cryptid-Bz
                                grotesque-a
                            cryptanalyst-gk
                cryptesthesia-gk cryptocrystalline-mn
            encrypted-CS/gk cryptology-gk
            cryptonym-gk cryptogenic-md
            cryptoclite-gr procryptic-Bz
            cryptomorphite-mn cryptophyte-Bb
                holocryptic-gk
                                cryptand-CH
                        Cryptoclidus-p }\quad\begin{array}{c}{\mathrm{ cryptate-CH}}\\{\mathrm{ cryptodraco-p }}
                        Cryptosaurus-p
                                cryptorchism-vt
                                Cryptococcus-Bb
                                cryptococcosis-md
                    Cryptosporidium-Bz
                    cryptosporidiosis-md
                    128 bit encryption-CS
                    public-key encryption-CS
```

Kryptein - to hide \{crypt, crypto-, grot\}
${ }^{1}$ The validity of the evidence was apocryphal, 'hidden away' from any certainty not only as to who provided the bloody knife, but also as to whether the purported murder weapon could even have been so skillfully and forcefully wielded by the infirm defendant. ${ }^{2}$ Etymologically 'like a grotto;' pictures found in excavated Roman buildings had elements of the grotesque in them, that is, they were somewhat 'bizarre' or 'outlandish,' and hence were appropriately 'hidden' away. n.b. Grimm's law accounts for the consonant shift from ' $k$ ' to ' $g$.'
Cyclops
Cyclopes ${ }^{1}$
cycle (n.)

## Kyklos - circle, wheel \{cycl, cyclo-\}

${ }^{1}$ This is the plural form of 'Cyclops;' 'Cyclop' is not a word. ${ }^{2}$ Short for 'bicycle,' or 'two-wheeled' vehicle. ${ }^{3}$ The etymological notion of recycling is the 'circling back' of an item to be used again. ${ }^{4}$ An encyclopedia can be thought of as a book that contains a general 'circle' of knowledge for 'children.'
cynic (adj.) cynoid-gk cynarctomachy


Kyon, kynos - dog \{cyn, cyno-\}
churchy-gk

| Church church (v.)-r |
| :---: |
| church |$\quad$ (n.) kirk-r

churchgoer ${ }^{3}$ kyrie-r/mu kyriolexy
church (adj.) Kyrie eleison-r/mu
kermis-gk
kyrine-BCM
churchly-gk
kyrielle-LE
churchyard-gk
churchwarden-r
church mode-mu
glutokyrine-BCM
Church Going-LE
Church Father-r/h

Kyrios-lord, master \{chur\}
${ }^{1}$ The original Greek 'Cynics,' the founder of whom was probably Diogenes, lived like 'dogs' in the street, not only sleeping in barrels very much like 'dogs' sleeping in doghouses but also unabashedly and publicly performing natural canine functions, all because they had an extreme mistrust of civilization and its attendant value sytem, preferring to be as natural as possible to counter the perceived artificial trappings of societal refinement. ${ }^{2}$ Via the Greek kynosoura, 'dog's tail, Ursa Minor;' the constellation 'Ursa Minor' contains Polaris, the North Star, which serves as a 'guide' to the north since it does not change its position in the sky; ancient mariners 'focused' on that point to 'center' their navigation. n.b. The Greeks knew the constellation 'Ursa Minor' both as the 'dog's tail' and as Arktos Mikra, the 'Little Bear.' ${ }^{3}$ Via medieval Greek kyrkon, 'house of worship;' a church is etymologically the 'Lord's house.'
cytotechnology-md lymphocytosis-md
cytogenetics-BCM
cytochrome oxidase-BCM astrocyte-BCM gonocyte-BCM oligocythemia-md phagocytosis-BCM phagocyte-BCM spermatocyte-BCM oocyte-BCM myocyte-BCM cytology-BCM erythrocyte-BCM leukocyte-BCM
thrombocyte-BCM cytogenesis-BCM cytokinesis-BCM osteocyte-BCM cytoplasm-BCM nucleocytoplasmic-BCM cytochemistry-BCM cytochrome-BCM cytokine-BCM lymphocyte-BCM cytomegalovirus-md

Kytos - container, vessel $\{c y t$, -cyte, cyto- $\}$

## II: $\mathfrak{G r v e k}$

```
                        epileptic (n.) catalepsy-md
                        epilepsy monosyllable lemma-gk
                epileptic (adj.) monosyllabic trilemma-gk
            epileptic seizure dilemma }\mp@subsup{}{}{2}\mathrm{ disyllable-LE/gk
            syllable }\mp@subsup{}{}{1}\mathrm{ polysyllable astrolabe-h
syllabic polysyllabic nympholepsy polylemma-\Phi
            syllabification nympholept prosopolepsy-gk
syllabi syllabication syllepsis-LE/gr logolept
            syllabus }\mp@subsup{}{}{3}\mathrm{ acatalepsy-Ф syllabatim
            narcolepsy-md geusioleptic
            analeptic-md androlepsy
            hyperdisyllable-lg methylepsia
                oligosyllabic-lg
                    prolepsis-LE/gk
                    metalepsis-LE
                epileptoid-md syllabic-lg
                syllabism-lg syllabus-1
                    epanalepsis-LE
                    psycholepsy-PS
                        tetralemma-\Phi
                    pentalemma-\Phi
                    organoleptic-md
                    neuroleptic-PS/md
                neuroleptanalgesia-md
                Treatise on the Astrolabe-LE
```


# Lambanein - to take, seize, hold, accept $\{1 a b$, leps, lept $\}$ Lemma-something taken, premise 

\(\left.$$
\begin{array}{cc}\text { lamp } \\
\text { lamppost } \\
\text { lamplight } \\
\text { lamplighter } \\
\text { lampshade } \\
\text { lamp oil }\end{array}
$$ \quad \begin{array}{c}lanthorn-gk <br>

lampion-gk\end{array}\right\}\)| lamprophyre-mn |
| :---: |
| lantern fish-Bz |
| lantern-jawed-gk |
| lantern-at |
| lampblack-gk |
| eclampsia-md |
| friar's lantern-gk |

$$
\text { Lampein - to shine }\{\text { lant }\}
$$

[^128]

## Latreia - worship, servitude \{-latry\}

> eclipse $^{1}$ (n.)
> solar eclipse eclipse (v.) ecliptic-as lunar eclipse eclipsed elliptic ellipsis-LE partial eclipse eclipse (n.) elliptical paralipsis-LE ellipse ellipsoid-M paralipomena-gk Paralipomena-r eclipse plumage-Bz eclipsing binary-as annular eclipse-as

| Leipein, leipso - to leave \{lip, lips, lipt\} |  |
| :---: | :---: |
| leopardess <br> leopard frog pantaloons-fs |  |
|  |  |
| leopard ${ }^{2}$ leonine rhyme-LE |  |
| chameleon ${ }^{3}$ lionfish-Bz |  |
| lion | $n \quad$ lionize dandelion wine-oe |
| lioness lionized Chamaeleon-as |  |
| dandelion ${ }^{4}$ | lionization The Knight with the Lion-LE |
| Leo | leonine Sugar Ray Leonard-sp |
| Leonard ch | chameleonic Leonid meteor showers-as |
| Leonardo lionhearted Leonids-as |  |
| Leonardo da Vinci leopard lily- Bb |  |
| lion's share leopard's bane-Bb |  |
| Richard the Lion-hearted-h |  |
| Le Chevalier au Lion-LE |  |
| Coeur de Lion-h |  |
| Leon - lion \{lion\} |  |
| Leo, leonis (Lat.) - lion |  |

[^129]\[

$$
\begin{gathered}
\begin{array}{c}
\text { leukorrhea-md leucovorin-BCM leucophosphite-mn } \\
\text { leucomelanous-gk leucosin-BCM leucosphere-as } \\
\text { leukotriene-BCM leucotaxis-md } \\
\text { leukemia } \\
\text { leukemic }
\end{array} \quad \text { leukoderma-md } \\
\text { leukocyte-BCM }
\end{gathered}
$$
\]

\author{
mangan\}

}
${ }^{1}$ This suffix can refer to a rock, mineral, or fossil. ${ }^{2}$ Ore mined from the region of Magnesia in Thessaly had 'magnetic' properties.

| $c$ | Logos- $\Phi / \mathrm{r}$ |  |  |
| :---: | :---: | :---: | :---: |
| logophilia-gk |  |  |  |
| traumatology-md |  |  |  |

${ }^{1}$ An apology can be thought of as a small 'speech' which, if accepted, takes 'away' an offense. ${ }^{2}$ See note 1 , p. 500. ${ }^{3}$ The eclectic knowledge of the grandmother was 'gathered from' many travels around the globe. ${ }^{4}$ Etymologically 'pertaining to bad speech;' a dyslexic person has a difficult time recognizing and comprehending the written word.


> Summa Logicae- $\Phi$ Summa Theologiae- $\Phi$ The Latest Decalogue-LE A System of Logic- $\Phi$ The Science of Logic- $\Phi$ Logical Investigations- $\Phi$ An Apology for Poetry-LE Aristophanes' Apology-LE The Studs Lonigan Trilogy-LE Language, Truth, and Logic- $\Phi$ Phenomenology of Perception- $\Phi$ The Phenomenology of Spirit- $\Phi$ Critique of Dialectical Reason- $\Phi$ Tractatus Logico-Philosophicus- $\Phi$ The Logical Syntax of Language- $\Phi$ Prolegomena to any Future Metaphysic- $\Phi$ Three Dialogues between Hylas and Philonous-Ф The Ontology of Mind: Psychology and Phenomenology- $\Phi$ General Prologue-LE The Miller's Prologue and Tale-LE The Reeve's Prologue and Tale-LE The Cook's Prologue and Tale-LE The Friar's Prologue and Tale-LE The Clerk's Prologue and Tale-LE The Monk's Prologue and Tale-LE The Parson's Prologue and Tale-LE The Prioress's Prologue and Tale-LE The Manciple's Prologue and Tale-LE The Franklin's Prologue and Tale-LE The Summoner's Prologue and Tale-LE The Prologue and Tale of Sir Thopas-LE The Wife of Bath's Prologue and Tale-LE The Second Nun's Prologue and Tale-LE The Canon's Yeoman's Prologue and Tale-LE The Merchant's Prologue, Tale, and Epilogue-LE The Pardoner's Introduction, Prologue, and Tale-LE The Nun's Priest's Prologue, Tale, and Epilogue-LE The Man of Law's Introduction, Prologue, Tale, and Epilogue-LE

# Logos - word, speech, study, saying, <br> reason, thought, calculation, ratio $\{$-logue, -logy, -ology\} Legein - gather, choose, pick out, speak \{lect, lex, log <br> Lexikos - of words \{lexic\} 

|  |
| :---: |

## Lyein-to loosen, destroy, dissolve \{lyo-, lys, -lysis, lyso-, lyt, -lyte, -lytic, lyz\}

|  | lyre lyric (n.) |  |
| :---: | :---: | :---: |
| lyrics $^{5}$ | lyric (adj.) | lyrate-Bb |
|  | lyrical | Lyra-as |
| lyricism | lyrist-mu |  |
| lyric poetry |  |  |
| lira-LE |  |  |
|  | lyric-LE |  |
| lyricist-mu |  |  |
| Lyrical Ballads-LE |  |  |
| to wax lyrical-v |  |  |
| lyrisme romantique-LE |  |  |

## Lyra-a lyre

${ }^{1}$ To analyze a problem is to 'loosen' its difficulties 'throughout,' thereby 'dissolving' it. ${ }^{2}$ To 'destroy' the use of the body 'on one side.' ${ }^{3} \mathrm{~A}$ catalyst 'thoroughly loosens' a situation or reaction so as to get it moving. ${ }^{4} \mathrm{~A}$ variant of 'paralysis.' ${ }^{5} \mathrm{~A}$ Greek singer of poetry often used a 'lyre' to accompany the words to his song.

## $\mathfrak{f l l}: \mathfrak{G r e c k}$

\(\left.\begin{array}{c}Andromache-my <br>
Telemachus-my <br>
logomachy-gk hieromachy <br>
naumachia-h thelymachy <br>
tauromachy-sp <br>
sciamachy-gk symmachy <br>
psychomachiantomachize <br>
gigantomachy-my alectryomachy <br>
iconomachy-r <br>
machopolyp-Bz <br>
monomachy-gk <br>
theomachy-LE/gk <br>
hippomachy-gk <br>

duomachy-gk\end{array}\right\}\)| Batrachomyomachia-LE |
| :---: |
| Mache-battle, fight |
| macrotrichia-Bz macromeritic-g |
| macrocephaly-md macromancy |
| macron-lg |
| macrocosmic |
| emaciated $\quad$ macrology-LE/gk |
| emaciate $\quad$ macrosegment-lg |
| macroscian-gk |

[^130]

## Manthanein - to learn, understand \{math\}

Mathema, mathematos - something learned, knowledge, science

| mantic-gk | praying mantis | oneiromancy-gk | psychomanteum-h |
| :---: | :---: | :---: | :---: |
| catoptromancy-gk | belomancy-gk | sideromancy-gk | hypnomancy |
| pyromancy-gk | pantomancer-gk | cartomancy-gk | astragalomancy-gk |
| aleuromancy | anthracomancy | rhabdomancy-gk | rhabdomantis-gk |
| capnomancy-gk | gastromancy-h | lecanomancy-gk | mantology-gk |
| mazomancy | ophiomancy | pegomancy | pseudomancy-gk |
| geomancy-gk |  |  |  |
| necromancy |  |  |  |

## Mantis - seer, prophet, diviner \{manc, -mancy\}

```
                    mastopexy-md
                        mastitis-md
                        mastodon }\mp@subsup{}{}{1
                        mastodont-p
            mastectomy-md callimastosia
            gynecomastia-md macromastic
                        megamastous
                    mastodynia-md
                mastoid-an/gk mastoid process-an
                    mastoidectomy-md
                    mastoiditis-md
                mastopathy-md mastochondrosis-md
                    mastocarcinoma-md
                    Mastos - breast {masto-}
                    WIMP-PH mazopathia-md
                    massy-PH mazocacothesis-md
            mass (n.) mass spectrography-PH/CH
            massive amass mass number-PH/CH
                massively amassed massless-CH
                massiveness mass (adj.) massif-g
        mass media
                        massing mass noun-gr
        mass murderer mass (v.) mass hysteria-gk
        the masses amassing mass-marketing-$
mass extinction mass production-$
                    MACHO-as
                    mazaedium-Bb
                        massive-PH/as
                        mass transit-ui
                            massively parallel-CS
                            Vinson Massif-ge
                        Le Massif Central-ge
            mass psychogenic illness-PS
            mass-energy equivalence-PH
        weakly interacting massive particle-PH
            mass sociogenic illness-md
                        demassification-gk/$
            Maza - barley cake, lump, mass
                        Massa (Lat.)-a lump, mass
```

${ }^{1} \mathrm{~A}$ mastodon was so named because the crowns of its molars were shaped like 'breasts.'

```
    machine (n.) immachination
    machinist mechanolater
        mechanic mechanophobia
            mechanical ATM-$ mechanology
            machine gun machinery mechanism-\Phi/PS/B
        machinery mechanism machinate machine (v.)-gk
            washing machine mechanistic machination
mechanically mechanics mechanismic deus ex machina-LE
                    mechanize mechanosensitive-B
                mechanization mechanochemistry-CH
                mechanomorphic-\Phi mechatronics-s
                mechanoreceptor-md machine language-CS
                mechanurgy-PH machine translation-gk
                    classical mechanics-PH
                        political machine-ps
                    machine politics-ps
                    mechanograph-gk
                    mechanics-PH
                    Turing machine-PH
                    mechanotherapy-md
                    quantum mechanics-PH
                        universal Turing machine-CS
        The Machine Stops-LE L'homme machine-\Phi
        mechanical drawing-s mechanical engineering-s
```


## Mechane-device, machine, instrument, contrivance \{mechano-\} Machina (Lat.) - machine, plan, trick, artifice, device

```
                                    meg-CS
                                    omega-lg
                                    megabit-CS
                                    megabucks-$ omega meson-PH
        mega megalopolis-gk omega baryon-PH
    megavitamin megalith acromegaly-md Megapenthes-my
    megaton megalomania Megapodiidae- Bz megafauna-Bz
megadose megalomaniac megaparsec-as megalopsychy
            megahit Megalosaurus-p Megapenthes-my
                        megaphone Megaraptor-p
    megastore megalomartyr-r/h Megatheriidae-p
            megastar megalophonic-gk megawatt-s
            megastardom megavolt-s megaphyll-Bb
            megarich megacycle-s
                    megabyte megaron-h
                                    megahertz-s
                                    megameter-s
                                    megacephaly-md
                                    Micromegas-Ф
                    megagametophyte-Bb
                        alpha and omega-gk
                    megasporogenesis-Bb
                    omega-3 fatty acid-BCM
            Megas, megale-great, large {megalo-}
```

```
            melanin Melanesia-ge
            melanism-gk
                    melancholy }\mp@subsup{}{}{1}\mathrm{ melanoma-md
                    melancholia calomel-md
melancholic Melanchthonian-r melanous-gk joviomelancholy
                            melancholiness melanic-ap
                            melanemia-md melaphyre-mn
            melanocyte-BCM melanosome-BCM
                    Melanctha-LE melanosis-md
                    Melampus-my Melanion-my
        melanosarcoma-md melanocomous-gk
    leucomelanous-gk Xanthomelanoi-ap Melanorosaurus-p
        The Anatomy of Melancholy-LE melanite-mn
            melanocyte-stimulating hormone-md
                    Melas, melanos-black, dark
                    Philomela-my
                        melofarce-a dulcimer-mu
                melody melic-LE/mu
                melodic melologue-mu
                    melodious melomania-gk
                    melodiously melodeon-mu
                    melodrama melophone-mu
                    melodramatic melopoeia-mu/h
        melodiousness Melpomene-my melos-mu
        melodramatics Melospiza-Bz melodize-mu
        melotrope-mu melophobia-PS philomel-Bz
                                    Melos-song
            Minotaur }\mp@subsup{}{}{2}\mathrm{ bimester-gk
            semester }\mp@subsup{}{}{3}\mathrm{ meniscus emmenagogue-md
        King Minos }\mp@subsup{}{}{4}\mp@subsup{\mathrm{ menstrual }}{}{6}\quad\mathrm{ amenorrhea-md
Minoans }\mp@subsup{}{}{5}\mathrm{ menstruate menophobia-PS menses-md
            menstruation menology-gk/r
            menopause menorrhagia-md
            trimester dysmenorrhea-md
            catamenia-md menstruum-CH
            neomenia-h trimenon-gk
                emmenology-md
                        menacme-md
                        menarche-md
                            menophania-md
                postmenacmium-gk
                        premenacmium-gk
            Men-month {meno-}
```

${ }^{1}$ See note 2, p. 453. ${ }^{2}$ The 'bull of Minos,' whose personal name was Asterion. ${ }^{3}$ See note 4, p. 343. ${ }^{4}$ Minos means 'creature of the moon.' ${ }^{5}$ The 'inhabitants of ancient Crete,' over whom King 'Minos' ruled. 'Via Latin menstruus, 'monthly.' ${ }^{7} \mathrm{~A}$ full phase of the moon lasts about a month; 'moon,' 'Monday,' 'month,' men, mene, and mensis all flowed from the Indo-European root $m \bar{e}-$, 'to measure.'

```
            Decameron-LE polymer merist
        heptamerous-gk merorganize
        decamerous-gk blastomere-B merocracy
            isomer-CH meristem-Bb
            stereoisomer-CH dimer-CH
            dimerous-B monomer-CH
            hexamerous-Bb/gk merogamy-B
            anisomerous-Bb meristele-Bb
                macromeritic-g merism-B
                    meridic-CH/gk
                    elastomer-CH
                    merisis-Bb
                    mesomere-B
                    merismatic-B
                    merogony-B
                    meroblast-B
                    meropia-md
                    mereology-\Phi
                    merozoite-Bz
                    merodiploid-BCM
                    meromyosin-BCM
                    merostomatous-Bz
                synthetic polymers-CH
Meros - part, division {-mer, -mere, mero-, -merous}
                    Meris - part, share
```

```
                    meson-PH
                        mesoderm-B
                    mesosphere-mt/g
                        mesophyte-Bb
            mesocracy-ps mesocephalic-gk
        mesocarp-Bb mesogastrium-an/B
            mesoblast-B mesomere-B
                    Mesolithic-ah
        Mesopotamia }\mp@subsup{}{}{1}\quad\mathrm{ Mesozoic-g/p
            mesolimbic-an
        mesomorph-gk mesonephros-B
mesocyclone-mt mesopause-mt
            Mesoamerica-ge
            mesophyll-Bb
            mesothelioma-md mesangium-an
            mesodistal-dt mesoscale-mt
            Mesozoa-Bz
            mesopelagic-s
            mesosome-BCM
        Mesos_middle {meso-}
```


## Metamorphoses-LE

metope-at metaphysics- $\Phi$
metabolism $^{3} \quad$ metamorphism-g method ${ }^{1}$ metamorphosis metamorphose metacarpal-an meteor ${ }^{2}$ metaphor metamorphic metalingual- $\Phi / \mathrm{gk}$ metamorphic rock metaphorical methodology metempsychosis-r/Ф/gk metaphorically metaphysical metahistorian-h
methodical metonymy-LE
metathesis-lg/CH metaphrast-LE
metabolic metabolite-BCM metafiction-LE
metabolically metagnostic-gk metacyclic-B/md
methodically metatarsal-an metagalaxy-as
metaphrase-gk metastasis-md
metastasize-md metaphase-BCM
Metaphysics- $\Phi$ metapsychology- $\Phi$
The Metamorphosis-LE metaphosporic acid-dt extended metaphor-LE metaphysical poets-LE

The Metaphysical Poets-LE
metacentric chromosome-BCM

## Meta - after, change, beyond, beside, thoroughly \{met-\}

```
metallurgy-ml
metal (n.) metalliferous-g metallic mettle \({ }^{4}\) metal (v.)-gk heavy metal mettlesome metalline-s metal detector metallography-s metalworking-a bimetallic-CH metallophone-mu metalloid-CH
bimetallism-\$
monometallism-\$
```


## Metallon - ore, mine, metal

> Demeter ${ }^{5}$
> metro (n.) metritis-md
> metro (adj.) metronym koimetrophobia
> metropolis ${ }^{6}$ metroliner-gk metrona
> metropolitan Metrodome-sp
> metropolite $\quad$ metrocracy-ps
> metroplex metrostaxis-md
> metrorrhagia-md
> metralgia-md
> metroscope-md
> opsimatria-md
> metrophlebitis-md
> metroperitonitis-md

Meter, metros - mother, womb \{metro-\}

[^131]```
            speedometer telemetry-s
            meter (n.) metre (n.) metrics-LE
            meter (v.) metre (v.) mks-PH
        metric pedometer meter (n.)-LE/mu
    metric system odometer metrician-LE
            parking meter chronometer photometer-s
    geometry diametrical metronome hygrometer-mt
    geometric diametrically geometrically ombrometer-mt
        diameter symmetry anemometer-mt
        taximeter symmetrical konimeter-s
        thermometer symmetrically nephometer-mt
                    asymmetry orometer-ge
                        asymmetrical udometer-mt
            trigonometric psychrometer-mt
            trigonometry metrification-LE
                        parameter metromania-gk
                metrical hexameter-LE
                    millimeter yoctometer-s
        barometric centimeter zeptometer-s
    barometer iambic pentameter attometer-s
                kilometer femtometer-s
            perimeter cubic meter picometer-s
            metric mile nanometer-s
        hectometer calorimeter-s megameter-s
            decameter hydrometer-s gigameter-s
                    decimeter cyclometer-s
                    micrometer voltmeter-s
                    pentameter petameter-s
                    pentametric exameter-s
                        terameter-s
                        piezometer-s
                        tetrameter-LE
                    monometer-LE
                    anisometric-LE
                    stoichiometry-CH
                    metrical romance-LE
                sphygmomanometer-md
            zettameter-s metricate-gk
            yottameter-s volumetric-s
            seismometer-g isometrics-sp
            galvanometer-s hypermetric-LE
            iambic trimeter-LE metrophobia-gk
        spectrophotometer-s spectrometer-s
                                supersymmetry-PH
```

Metron - measure, rule, length \{meter, -meter\}

```
                    microbot-s
                        micro microquake-g
                    microscope Micronesia-ge microlipet
            microscopic micrology-gk/s micropsychy
            microphone micrometer Microlepidoptera-Bz
            microwave microcosm microperf-gk microsecond-s
            microorganism microvillus-BCM
        microfilm
        microfiche
                microcomputer
                    microphotograph
            microprocessor
    microchip
        micrographer-gk micron-gk
    microgram microburst-mt microcephaly-md
            micromanage microbrewery-gk microcline-mt
            micromanager microfilament-BCM microphyll- }\textrm{Bb
                microbial micronodular cirrhosis-md
        microbe microbenthos-Bz Micromegas-\Phi
    microbiology microteaching-ed microfloppy-CS
            microbubble-gk microcyte-md/BCM
            Microceratops-p microelectronics-s
                Microcoelus-p microlith-ah
                    microskirt-fs microvascular-an
            Microsaurops-p microsurgery-md
            Microvenator-p microeconomics-$
            Microhadrosaurus-p micropaleontology-p
            Micropachycephalosaurus-p micrometeorology-mt
                Mikros-small {micr-, micro-}
                    mimic (v.)
                    mime (v.)
    mime (n.) mimic (n.) mim-mem-ed
        mimeo mimicry mimesis pantomime-a
        mimeograph mimicked mimetic necromimesis-PS
            pantomime (n.) mimographer-gk
                pantomime (v.) Mimus-Bz
                mimosa-Bb amimia-md
    theriomime-gk neuromimesis-md/PS
        Anserimimus-p paramimia-PS
    Dromiceiomimus-p pathomimesis
    Ornithomimosauria-p
    Archaeornithomimus-p
        Garudimimus-p
    Avimimus-p
Struthiomimus-p
Ornithomimus-p
    Gallimimus-p
    Suchomimus-p
```

    Mimos-imitator, mime, mimic \{-mimus\}
    > misanthrope misogamy iatromisia misanthropy misogamist misology-gk miserotia misogyny misandry-gk misodoctakleidist misogynist misocainea-gk misapodysis misoneism-gk misoscopist misarchist-gk logomisia misopedia-gk misomania-gk misocapnist-gk misopolemical-gk misoxeny-gk misosophist-gk misotheism-gk misopogonist-gk Le Misanthrope-LE misotramontanism-gk

Misos-hatred \{miso-\}

> mneme-gk
> Mnemon-my
> Mnemosyne-mu loganamnesis anamnesis-PS/md paleomnesia
> amnesia $\quad$ hypermnesia-gk $\quad$ hypomnematic amnesiac $\quad$ mnemonic paramnesia-md/PS pseudomnesia amnesty ${ }^{1}$ (n.) logamnesia-gk
> amnesty (v.) mnestic-gk
> mnemonics-gk
> catamnesis-md
> cryptomnesia-PS
> dysmnesia-md
> ecmnesia-md
> nepimnemic-PS
> hypomnesia-md
> neomnesia-gk
> telamnesia-gk
> mnemic causation- $\Phi$
> Amnesty International-gk
> Mineme-memory
> Minemon-mindful
> Mimeskein - to remember

[^132]```
                                    MAOI-md
                                    monism-Ф
                                    monistic-\Phi
            monk }\mp@subsup{}{}{1}\mathrm{ monologue monolith AMP-BCM
    mono }\mp@subsup{}{}{2}\mathrm{ monopolist monolithic mononucleosis-md
    monarchy monopoly monastic monomania-gk/PS
monarchical monopolize monochromatic monopolylogue-a
Monopoly monotheism monoglot minster-r
    monarch monotheistic Monk's Tale-LE
        monarch butterfly monotony monad-\Phi/В
        monastery monotone (adj.) monandry-Bb
            Des Moines monolingual monkshood-Bb
                monorail monosyllable monasticism-h/r
                carbon monoxide monosyllabic monocle-gk
                    monotone (n.) monograph-gk
                    monotonous monoplane-ar
                        monarchist monestrous-Bz
                                monogram (n.) monomachy-gk
                                monogamy monothelitism-r
                        monogram (v.) antimony-CH
                                    monomath-gk
                                    monorhyme-LE
                                    monostich-LE
                                    neutral monism-\Phi
                                    absolute monarchy-ps
                    monogony-B monkish-gk
                monolatry-r Monotremata-Bz
            monogyny-gk Monophysitism-r
                        monophobia-PS Monoceros-as
                monorchid-md monocarpic-Bb
                Monoclonius-p monobasic-CH
            monochord-mu monochrome-a/gk
                        monocotyledon-Bb monocyte-BCM
                    monodrama-a monody-LE/a
            monoclonal-md monofunctional-CH
                        Monody-LE
                        monokini-fs
                        The Monk-LE
                        Hieromonk-r
                                    Monadology-\Phi
                                    The Monastery-LE
                            Monistic idealism-\Phi
                        dramatic monologue-LE
            monosodium glutamate-gk/gs/CH
            The Monk and the Hangman's Daughter-LE
        Monolophosaurus-p monoamine oxidase-BCM
                    Monos - one, single {mono-}
```

| moronic | moron | Moropus-p |
| :---: | :---: | :---: |
| sophomoresis ${ }^{1}$ | oxymoron $^{2}$ | sophomoric |
| oxymoronic | morosoph |  |
| oxymora | moromantie |  |
|  | morologist |  |

## Moros-sluggish, dull, stupid, foolish

Morpho-Bz<br>morph-B/CS<br>metamorphic rock morphological-lg/B<br>amorphous ${ }^{3}$ metamorphosed morphology- $\mathrm{lg} / \mathrm{B}$ metamorphosis ${ }^{4}$ metamorphose $^{4}$ polymorph-B/CH morph (v.) metamorphic theriomorphic-my/r polymorphous anthropomorphic zoomorphic-gk anthropomorphism geomorphic-g/gk<br>geomorphology-g<br>heteromorphic-Bz/BCM<br>pseudomorph-gk/mn allelomorph-BCM<br>isomorphism-B/M ectomorph-gk<br>allomorph-lg endomorph-gk<br>theomorphic-r mesomorph-gk<br>automorphism-gk/M<br>Coracomorphae-Bz<br>Ophiomorpha-Bz<br>anamorphosis-gk/B<br>carcinomorphic-gk eumorphous morpheme-lg necromorphous<br>enantiomorph-CH morphogenesis-B leptomorphic<br>lipeomorphism-M<br>Metamorphoses-LE<br>The Metamorphosis-LE<br>pathomorphology-md<br>Lipschitz diffeomorphism-M<br>The Gipsies Metamorphosed-LE<br>Sauropodomorpha-p morphosyntax-lg<br>polymorphonuclear-BCM<br>morphopoeisis-B morphallaxis-Bz morphophysiological-B

Morphe - shape, form \{morpho-\}
${ }^{1}$ A sophomore etymologically thinks he is 'wise,' but is actually quite 'stupid.' ${ }^{2}$ Etymologically a 'sharp dull:' 'jumbo shrimp,' 'original copy,' 'random order,' and 'awfully good;' note that the word oxymoron is also a good example of an oxymoron. ${ }^{3}$ Without a shape.' ${ }^{4}$ Etymologically to go 'beyond one shape' and into another; the unfortunate boy, afflicted with both lycanthropy and boanthropy, would with the former metamorphose into a wolf on the night of each full moon, and with the latter believe himself to be a cow during a random hour of each day.

> music mosaic verse-LE musician muse (n.) amusia-md
> musicianship museology-gk musicology ethnomusicology-mu/ap museum ${ }^{1}$ music of the spheres- $\Phi$ music box baroque music-mu
> music hall romantic music-mu
> museum piece musique concrète-mu musical chairs mosaic-B classical music tobacco mosaic virus-Bb
> music video A Dance to the mosaic (n.) Music of Time-LE mosaic (v.) Musée de Beaux Arts-LE musical instrument mosaic rhyme-LE nine Muses ${ }^{2}$ philomuse-gk musical (n.) Water Music-mu Museo del Prado-gk/a musical comedy-a The Teares of the Muses-LE The Muse's Looking-Glasse-LE 'Music, when soft voices die'-LE Metropolitan Museum of Art

# Mousa - a Muse, a goddess of fine art, music, song \{mos, mus\} 

myelin-an<br>myoma-md myocardial infarction-md<br>myasthenia-md myotube-B<br>myotonia-md myoglobin-BCM myogenic-md myoclonus-md myogram-md myalgia-md myology-md/an poliomyelitis-md myelencephalon-an myoneural-an myelin sheath-an myelofibrosis-md myopathy-md myelogram-md myeloproliferative-md myositis-md myeloma-md encephalomyelitis-md myocarditis-md myelogenous-md myoatrophy-md myoblast-B epimysium-an myelocyte-BCM mysticete-Bz myelitis-md perimysium-an osteomyelitis-md myelogenous leukemia-md syringomyelia-md myelinated-an myosin-BCM<br>myalgic encephalomyelitis-md

> Mys, myos - muscle, mouse ${ }^{3}$ \{myo- $\}$ Myelos $^{4}$ - marrow, brain, inmost part, medulla $\{$ myelo- $\}$

[^133]```
                                    demystify }\mp@subsup{}{}{1
                                    demystification
                            mystify Mystery-r
                            mystic (n.)
                            mystified mystagogue-gk
mystery (adj.) mystification mysterium tremendens-\Phi/my
mystery (n.) mysticism Eleusinian mysteries-r/my
            mysterious mystical The Mysteries of
                mysteriously mystic (adj.) Udolpho-LE
mysteriousness mystique The Mysterious Mother-LE
                    The Mysterious Stranger-LE
                        The Mystery of Marie Roget-LE
                    Mysterion - secret doctrine, secret rite
Mystikos - connected with the mysteries {mystic}
                    Mystes - an initiate
```

$\left.\begin{array}{cc}c & \text { myth } \\ \text { mythical } \\ \text { mythology }\end{array}\right]$

Mythos - tale, story, legend

[^134]
## 12: $\mathfrak{G r e v}$

> Narcissus
> Narcaeus-my
> narc-v
> narcose-md
> narcosis-md
> narcotize-gk/md
> narcissistic ${ }^{1}$ narcolepsy-md
> narcissism narcoanalysis-md
> narcissistically narcoma-md
> narcotic narcomania-md
> narcissus Narcobatoidea-Bz
> narcosynthesis-PS
> narcotrafficking-gk
> narcoterrorism-gk

Narke - numbness, deadness, torpor \{narc, narco-\}


[^135] Golden Fleece.
nectar-my/Bb necrose-md necrosis-md necrophobia-PS
necrotic-md necrophilia-gk necropolis-gk/h necrology-gk necrophagous-gk necroscopy-md
necromancy necrolatry-r necromorphous nectarine necromancer necrobiosis-md nectar necromimesis-PS nectary-Bb
necrotomy-md
Necropolis-h
necroponent-gk
nectarivorous-Bz
necrotizing fasciitis-md
Nekros - corpse, dead body \{necr, necro-\}
Nektar - the drink of the gods ${ }^{1}$ \{nectar\}
The Nemesis of Faith-LE
economy $^{2}$
nemesis ${ }^{3} \quad$ Nemesis-my
economic
economist economize economics-\$
economically Clintonomics-ps/\$
economical Reagonomics-ps $/ \$$
uneconomical
uneconomically

## Nemein - to distribute, deal out, allot, give what is due, manage \{nom\}

$\mathrm{Nd}-\mathrm{CH}$ neodymium-CH<br>Neolithic-ah neoplasm-md neophobia-PS Neapolitan-gk/ge<br>neon sign neologism neo-Platonism-Ф Naples ${ }^{4}$ neophyte neoclassicism-LE/a/at/mu<br>Neapolitan ice cream neon ${ }^{5}$ Ne neonate Neo-Scholasticism- $\Phi$ neonatal neophilia-gk neomenia-h<br>misoneism-gk neoconservatism-ps neocerebellum-an<br>neoteny-gk/Bz neo-expressionism-a<br>philoneist-gk neoimpressionism-a<br>neotantalite-mn neon tetra-Bz Neovenator-p<br>neoteric-gk/LE Neo-Paganism-r<br>Neo-Dada-gk neo-Kantianism- $\Phi$ neo-Confucianism- $\Phi$ neo-pragmatism- $\Phi$<br>Neocomian-g neomycin-md Neo-Surrealism-a neo-Thomism- $\Phi$ neo-Realism- $\Phi$<br>Neo-Freudian-PS<br>Neoptolemus-my<br>neologist-PS/r<br>neonatology-md<br>Neanderthal6-ap/v<br>neovascularization-md

## Neos - new, recent \{neo-\}

[^136]\[

\left.\left.$$
\begin{array}{c}
\text { Melanesia-ge } \\
\text { Indonesia } \begin{array}{c}
\text { Dodecanese-ge } \\
\text { Peloponnesus-ge } \\
\text { Macronesia-ge }
\end{array} \quad \text { nesiote }
\end{array}
$$\right\} $$
\begin{array}{c}
\text { Chersonese-ge } \\
\text { Polynesia } \\
\text { Indonesian } \\
\text { Polynesian } \\
\text { Nesogaean-ge } \\
\text { chersonese-gk } \\
\text { Austronesia-ge }
\end{array}
$$\right] $$
\begin{gathered}
\text { Nesos-island } \\
\text { neural-an } \\
\text { epineural-an } \\
\text { neural net-CS } \\
\text { nerve (v.)-gk nervure-B } \\
\text { neuralgia-md neuritis-md } \\
\text { neurotransmitter-md neuropathy-md } \\
\text { neurologist-md } \\
\text { neural network-CS }
\end{gathered}
$$
\]


$\left.\begin{array}{cc}\text { AU-as } \\ \text { nomic-mu } \\ \text { phoronomy-PH } \\ \text { theonomy-r } \\ \text { nomism-1 }\end{array}\right]$

## Nomos-law, district, custom, usage, portion, pasture \{-nomy\} Nomas, nomados-roaming about for pasture

```
    nous-\Phi
    philonoist-gk
                            noetic-gk
                            noesis-gk
                            anoesis-PS
    hyponoia-gk paranoiac-PS
        dianoetic-\Phi malnoia
    paranoia }\mp@subsup{}{}{1}\mathrm{ noology-Ф noeclexis
paranoid micronoetic-gk anoegenetic
                    nooscopic-\Phi
                    noosphere-B
                    metanoia-LE
        paranoid schizophrenia-PS
```


## Noos-mind, perception

nymph
mountain nymph
wood nymph nympholepsy nympha-an tree nymph nympholept Nymphalidae-Bz sea nymph nympho-gk
river nymph nymphomania-gk
spring nymph
water nymph
Nymphe-bride, young wife Nympha (Lat.) - bride, mistress, spirit

Nyx-my<br>Nycteus-my<br>nyctophobia-PS<br>nyctography-gk<br>nyctalopia-md nyctaphonia<br>nyctohemeral-B nycterent<br>nyctitropism-Bb pannychous<br>nychthemeron-gk<br>nycterine-Bz<br>Nycticebus-Bz<br>nyctisaura-Bz<br>nycticorax-Bz<br>nyctinastic-Bb

Nyx, nyktos - night \{nyct, nycto-\}
${ }^{1}$ The bringing of delusory bogies 'alongside the mind.'

## $\mathfrak{O}: \mathfrak{G r e d k}$



$$
\begin{aligned}
& \text { Ode }{ }^{4} \text { - song }\{\text { od }\} \\
& \text { Aeidein - to sing }\{\text { ed }\}
\end{aligned}
$$

${ }^{1}$ Etymologically one 'song alongside' another, usually making fun of it. ${ }^{2}$ The work of art created by a 'sewer of songs.' ${ }^{3}$ The thren morpheme is from Greek threnos, 'lament.' ${ }^{4} \mathrm{~A}$ contraction of Greek aoide, 'song.'

```
                        odontoid-dt
                    odontoblast-dt
            mastodon }\mp@subsup{}{}{1}\mathrm{ odontology-dt/Bz/p
                orthodontist odontiasis-dt
    orthodontics odontalgia-dt odontomancy
    pteranodon}\mp@subsup{}{}{2}\mathrm{ odontophore-Bzperiodontal-dt
                    odontic-dt
                    periodontist-dt
                    barodontalgia-dt
                    brachyodont-dt/Bz
                    exodontist-dt
                    Pleurodontes-Bz
                        taxodont-Bz
                    diphyodont-Bz
                    antiodontalgia-dt
                    periodontosis-dt
                    Placodontia-p
                            xanthodontous-Bz
            Anodonta-Bz Odonata-Bz
                    polyphyodont-Bz
            polyodont-Bz odontome-dt
            Creodonta-p odontography-dt
        pedodontia-dt Carcharodontosaurus-p
            Heterodontosaurus-p Iguanodon-p
            Thecodontosaurus-p Paranthodon-p
                    Tröodon-p Vulcanodon-p
            Deinodon-p Euronychodon-p
    Glyptodontopelta-p Macrodontophion-p
                    opisthodont-Bz
                    Pararhabdodon-p
                        Paronychodon-p
                    Pectinodon-p
                        Polyodontosaurus-p
                Priodontognathus-p
            Priconodon-p Prodeinodon-p
        Trachodon-p Odontoceti-Bz
        Odon, odontos - tooth {odonto-}
            otodynia-md
                    pleurodynia-md
                    cardiodynia-md
                    odynophobia-gk
                    oneirodynia-gk
                    dorsodynia-md
                    coccygodynia-md
                            cephalodynia-md odynophagia-md
osteodynia-md anodyne (n.) acrodynia
omodyne-md anodyne (adj.) photodynia
Odyne-pain {dyn}
```

${ }^{1}$ See note 1, p. 521. ${ }^{2}$ The pteranodon is etymologically the 'winged (reptile) without teeth.'


## Oligos - few, little \{oligo-\}

${ }^{1}$ See note 2, p. 534. ${ }^{2}$ Etymologically pertaining to those who dwell in a 'house near' one, hence 'provincial.' ${ }^{3}$ Via Greek he oikoumene, 'the inhabitated world;' an ecumenical viewpoint is 'universal' or 'worldwide.' ${ }^{4} \mathrm{The}$ sense of the word 'house' in derivatives from oikos extends metaphorically to where things live, such as habitats, environments, etc.


Onoma, onyma, onomato - name
onychophagist-gk onychophorous-Bz onychomancy-gk paronychia-md onychitis-md perionychium-an sardonyx-mn
onychogryphosis-md Deinonychosauria-p Stenonychosaurus-p
onyx onychoid-gk Baryonyx-p unguicle onychomycosis-md Paronychodon-p onychoschizia-md Onychophora-Bz acronyx-md Ungulata-Bz unguis-B

Deinonychus-p onychia-md
onycholysis-md ungual-an
unguled-he
ungulite-p
ungulate- Bz
unguiculate-B
unguligrade-Bz
Euronychodon-p
Onychoteuthis-Bz

Onyx, onychos - nail, claw, onyx ${ }^{1}$ \{onycho-\}
Unguis (Lat.) - nail, claw, hoof
Ungula (Lat.) - hoof
${ }^{1}$ Some onyx stones possess similar color and markings to fingernails.

\[

\]

Pelops-my anableps tetraophthalmus-Bz
optic Penelope-my optical disk-s/CS
Triceratops ${ }^{1}$ Peloponnesus-ge achromatopsia-md
Cyclops Argus Panoptes-my panopticon-gk/s optical Cyclopes ${ }^{2}$ synopsis myopic $^{3}$ catoptric-gk kalopsia optical illusion synopses autopsy-md opsablepsia optically synoptic dioptrics-s eisoptrophobia optometry synopsize scotopia-gk enopotromancy optometrist ophthalmology xanthopsia-md ophthalmophobia optician ophthalmologist dyschromatopsia-md optic nerve presbyopia-md panoptic-gk xanthocyanopsia-md Protoceratops-p Arrhinoceratops-p myopia-md autoptic-gk hyperopia-md diopter-md optotype-md optical isomer-CH optical maser-s ensynopticity-gk chromatopsia-md typhlops-md Ceratopsia-p pseudopsia-gk panoptic-gk necropsy-md exophthalmia-md optometer-md ophthalmic-an pyopthalmia-md supraopticohypophysial-an Thanatopsis-LE metopic-an nyctalopia-md optic chiasma-an pyrope-gm prosopopoeia-LE enophthalmous-md Kalceratops-p iodopsin-BCM dropsy-md optics-PH optoelectronics-s ophthalmia-md ophthalmitis-md ophthalmoscope-md xerophthalmia-md ophthalmosaurus-p Ceratops-p Anchiceratops-p Pentaceratops-p Bagaceratops-p Avaceratops-p Brachyceratops-p Leptoceratops-p Breviceratops-p Diceratops-p Eoceratops-p Microceratops-p Montanoceratops-p Notoceratops-p Proceratops-p Turanoceratops-p Udanoceratops-p optical activity-CH OCR-CS Zuniceratops-p optical computer-CS opto-coupler-s optronic-s optic tectum-Bz
Myopsida-Bz
Oegopsia-Bz
dioptric-s
Ops - eye, face $\{o p\}$ Opsis - sight, appearance Optos - seen, visible \{optr\}

Ophthalmos-eye
${ }^{1}$ Etymologically the 'three-horned face.' ${ }^{2}$ See note 1, p. 509. ${ }^{3}$ In conjunction with Greek myein, 'to shut the eyes.'

```
                    .org-CS
            organ }\mp@subsup{}{}{1}\mathrm{ organon-s/Ф
            organist PLO-gk
                            organize }\mp@subsup{}{}{1}\quad\mathrm{ cyborg-gk
                            organization }\mp@subsup{}{}{2}\mathrm{ organelle-BCM
            organized
                organizational organicism-B/gk/md/a
            organic organismal Organon-\Phi
                organ grinder organismic Novum Organum-\Phi
            organ-pipe cactus organismically organum-mu
            organically grown organic chemistry organology-B/mu
            organizer inorganic chemistry organetto-mu
        personal organizer organic molecules organigram-gk
            disorganize inorganic molecules organoplasty-B
                disorganization organ of Corti-an
                    disorganized organogenesis-B
                    organism organotherapy-md
                    organic food organophospate-CH
                    organized crime organotropism-md
                    reorganize organometallic-CH
                        reorganization organochlorine-CH
                reorganized organosedimentary-g
            unorganized organic synthesis-CH
                organic brain syndrome-md
```


## Organon - organ, instrument, tool, product, musical instrument \{organo-\}

ornis-Bz<br>ornithologist Ornytion-my<br>ornithology Notornis-Bz ornithian<br>ornithomancy-gk orniscopist<br>Ornithomimus-p<br>Dinornis-p<br>Ornithorhynchus-Bz<br>ornithorhynchous-Bz<br>Ornithoptera-Bz<br>ornithocapros-Bz<br>ornithophilous-gk/Bz<br>ornithophobia-PS Ichthyornis-p<br>Ornithopoda-p Ornithodelphia-Bz<br>Ornithischia-p Ornitholestes-p ornithichnite-p<br>Ornithomimosauria-p Saurornithoides-p Archaeornithomimus-p<br>Ornithodesmus-p Ornithomerus-p Ornithomimoides-p<br>Ornithopsis-p Saurornitholestes-p<br>Sinornithoides-p aepyornis-p<br>Sinornithosaurus-p<br>Ornis, ornithos - bird \{ornitho-\}

[^137]orthography-lg
orthopaedic-md
orthodontics orthopedic-md Orthaea-my orthodontia-dt
orthotics orthodox orthopedist-md orthophobia
orthodontist orthodoxy
orthosis-PS
orthoepy-lg
orthotics-md
orthopraxy-r
orthotone-LE
orthocenter-M
Orthomerus-p
Orthoptera-Bz
orthoclase-mn
orthostatic-md
orthodromics-n
orthoselection-B
orthopoxvirus-B
epanorthosis-LE
orthologous-BCM
diorthosis-md/gk
orthogenesis-B/ap
Orthodox Church-r
orthomolecular-md
orthopsychiatry-PS
orthogonal-M/gk/a
Orthogoniosaurus-p
Orthodox Judaism-r
Orthodox Christianity-r
orthostatic hypotension-md
Eastern Orthodox Church-r
oyster ostracize ${ }^{1}$ osteopenia-md
oysterman ostracism osteotomy-md
oyster bed ostracized osteoid-an
osteoporosis osteoma-md osteology-md/an
osteoporotic-md ostracon-gkOstracoda-Bz
periosteum-an osteomancy-gk periostracum-Bz
osteomalacia-md Teleostei-Bz osteon-an ostracoderm-p
exostosis-md/Bb osteomyelitis-md synostosis-md
osteoarthritis-md osteoclasis-md osteocyte-BCM
osteogenesis-md/B osteolysis-md
osteosarcoma-md endosteum-an
osteichthyan-Bz osteopath-md
osteogenesis imperfecta-md
Osteon - bone \{ost, osteo-\}
Ostrakon - shell, potsherd \{ostrac\}
Ostreon ${ }^{2}$ - oyster \{oyster\}
${ }^{1}$ The ancient Greeks once used 'potsherds' as ballots when they decided whether or not to exile someone. ${ }^{2}$ All three Greek words flow from the Indo-European root ost-, 'bone.'

```
                    squirrel }\mp@subsup{}{}{1}\mathrm{ (n.) anurous-Bz
            squirrelly
                                Urochordata-Bz
        red squirrel
            black squirrel
white squirrel
fox squirrel
gray squirrel
        tree squirrel oxyuriasis-md/vt
        squirrel (v.) Eremurus-Bb
                                Ophiuroidea-Bz
flying squirrel trichuriasis-md
        squirrel monkey urodele-Bz
                    uropod-Bz
                        Trichuris-Bz
                        uraeus-my/h
                            Urocoptidae-Bz
                                    Urocyon-Bz
                                    Oxyuridae-Bz
                                    Dasyuridae-Bz
                                    squirrel fish-Bz
                                    uropygium-Bz
                                    Palinuridae-Bz
```

                    Oura - tail \{uro-\}
    uranium ${ }^{4} \mathrm{U}$ uranium dioxide- CH
uranium trioxide- CH uranic- CH
Urania-my uranite-mn
uranometry-as
uranyl-CH
Uranus ${ }^{3} \quad$ Ouranos-my
uranist-gk
Uranianism-gk
Uranian-gk/my/as
uranium $238-\mathrm{CH}$
Uranus-my
uraninite-mn
uranic-gk/as/CH

## Ouranos-heaven

${ }^{1}$ The second root present in squirrel is Greek skia, 'shadow;' a squirrel's 'tail' casts a 'shadow' over it when raised. ${ }^{2}$ See note 2, p. 510. ${ }^{3}$ Via Latin Uranus, the father of the titans, including Saturn (Greek Cronus); the planet Uranus was thus named because of its closeness to Saturn; also see note 3, p. 330. ${ }^{4}$ The element uranium was discovered just 8 years after the planet 'Uranus' was located and named.

$$
\begin{gathered}
\begin{array}{c}
\text { urinal } \begin{array}{c}
\text { urinary tract } \\
\text { urine urethra } \\
\text { urinate } \\
\text { ureter } \\
\text { urination } \\
\text { urea-BCM } \\
\text { urology-md } \\
\text { enuresis-md }
\end{array} \\
\text { merdurinous } \\
\text { urimancy }
\end{array} \\
\text { ureterostenosis-md uricotelic-BCM } \\
\text { urinometer-md ureotelic-BCM } \\
\text { urethroscope-md }
\end{gathered}
$$

```
Otionia-my
    Myosotis-Bb
        parotidectomy-md
            parotid gland-an
                otocatarrh-md
                        otodynia-md
                                otitis media-md
                                otitis-md
                                otocyst-B
                                otology-md
                                    otosclerosis-md
                                    otoplasty-md
            t o otomycosis-md
            1 i Otobius-Bz
            o
            t h- otomorphology-md
            a n otosis-md
                    ototoxic-md
                        otorrhea-md
                otopyosis-md
                        otography-md
                otocrane-an
            otolaryngology-md
    otolithic membrane-an
otorhinolaryngology-md
```

                    Ous, otos-ear \{oto-\}
    ```
Oxalis-Bb
oxygen \({ }^{1}\) oxide-CH oxythymous
oxygen mask oxymel-md
oxygen tank oxytone-LE
\(\mathrm{CO}_{2}\) oxymoronic hypoxy-md
oxygenate oxyacanthous- Bb
oxygenation oxymoron }\mp@subsup{}{}{2}\mathrm{ paroxysm }\mp@subsup{}{}{3}\mathrm{ hydroxide-CH
    carbon monoxide oxidize oxyesthesia-md
        carbon dioxide oxymora oxidation-CH
            hydrogen peroxide dioxide-CH
                    peroxisome-BCM
                        monoxide-CH
                            peroxide-CH
                            oxylophyte-Bb
                            oxygeusia-md
                            oxyosphresia-md
                                oxacillin-md
                            oxidant-CH
                            carboxyl-CH
                            oxidase-BCM
                    antioxidant-BCM
                    oxidoreductase-BCM
            oxidative phosphorylation-BCM
            oximeter-md oxyacetylene torch-gk
oxycephaly-md oxygen debt-sp oxyhemoglobin-BCM
            oxytetracycline-md oxytocic-md
                    carboxypeptidase-BCM
                    carboxylation-CH
                    oxyrhynchus-Bz
                    peroxyester-CH
                    peroxyacid-CH
                    oxysome-BCM
                    oxygen tent-md
                    oxalic acid-Bb
                    pentoxide-CH
                    oxygen cycle-B
                    oxotremorine-md
                    thromboxane-BCM
                    redox reaction-CH
                    oxygen fugacity-mn
                    oxyphenbutazone-md
                    peroxyacyl nitrate-CH
                    carboxyhemoglobin-BCM
                    deoxyribonucleic acid (DNA)
```


## Oxys - sharp, keen, acid

[^138]
## 猬: Greqk

Pachydermata-Bz
pachyblepharosis-md
pachydermatocele-md
pachyderm pachytene-BCM
pachynema-BCM pachyemia-md
Micropachycephalosaurus-p pachydermia-md
pachycholia-md Pachysaurops-p Pachysauriscus-p
pachystichous- Bb pachysandra- Bb Pachyspondylus-p pachymeningitis-md Pachycephalinae-Bz pachydermatous-Bz Pachyrhinosaurus-p Pachycephalosaurus-p

## Pachys - thick, massive

pediatrics callipedia orthopedic-md pediatrician orthopaedic-md
encyclopedia ${ }^{1}$ encyclopedic pedagogy orthopedist-md cyclopedia paediatric pedagogical pedogenesis-B
page $^{2}$ (n.) pedagogue Encyclopedists- $\Phi$
page (v.) pedant ${ }^{3}$ paedology-gk
pager pedantry pedodontics-dt
pageboy pedantic ${ }^{3}$ orthopedics-md
paged pedophile-gk misopedist-gk
paedarchy-ps
pedagese-ed
pederasty-gk
hypnopedia-ed
pancylcopedic-s
paedogenetic-Bz paedogamy-B
pedantocracy-ps paedomorphic-B paedotrophy-gk
propaedeutic-ed paedometer-s
perissopedics-md
Encyclopédie-Ф
Pais, paidos - child \{paed, ped\}
Paleolithic-ah paleolith-ah
paleontology paleoclimatology-s
paleontologist Paleozoic-p/g
paleontological paleology-ah
palaeontology paleobiology-p
paleobotany-p paleographical-gk
paleozoology-p Palaeopteryx-p paleograph-gk
paleomnesia-gk Palaeoscincus-p Paleocene-g
paleoanthropic-ap paleobiochemistry-BCM
paleoethnographer-ap paleography-gk
paleoanthropology-ap
paleobiogeography-p
paleomagnetism-g
paleotemperature-s
paleo-conservative-ps
Palaios - old, ancient \{palae-, palaeo-, pale-, paleo-\}
${ }^{1}$ See note 4, p. 509. ${ }^{2}$ Via Italian paggio, 'boy;' the page hastened to procure the knight's massive shield. ${ }^{3}$ The word pedant once meant 'schoolmaster.'

$$
\begin{gathered}
\text { Palinurus-my } \\
\text { palinode-LE } \\
\text { palindrome palimpsest }{ }^{1} \text {-gk/g } \\
\text { palimpsestuality- } \\
\text { palinal-md } \\
\text { palinoia-PS } \\
\text { palingenesy-gk } \\
\text { palinspastic-g } \\
\text { palingraphia-gk } \\
\text { Palinuridae-Bz } \\
\text { palimbacchius-LE } \\
\text { palingenesis-r/ } \Phi / \mathrm{B} \\
\text { Palin — back, again }\{\text { palim }\}
\end{gathered}
$$

```
Pandora-my
Argus Panoptes-my
pandemic (adj.) Pangaea-g pantagamy
pandemic (n.) diapason-mu paneunia
panorama Pantheon-at/gk pangut
\(\operatorname{pan}^{2}\) (v.) panoramic pantheon Panhellenism-h pancreas \({ }^{3}\) pandemonium panacea Pan-American-ge
Pandora \({ }^{4}\) pancreatic Pandaemonium-LE
pants \({ }^{5}\) panoply pantomime (n.) Pan-American Highway-gk
pantsuit pantomime (v.) panchromatic-a
underpants panegyric pandect-gk
panties pansophy-gk
pantyhose panurgic-gk
Pantheon pantophagist-gk
pantophobia-PS
pantaloons-fs
pantaloon-LE
pancratic-gk pancyclopedic-s
pantechnicon-gk Panesthia-Bz Pantocrator-a/r pantanencephaliac-md pantology-gk
Gargantua and Pantagruel-LE
pangram-gk
pasigraphy-gk
pasilaly-gk
Pangloss-LE pantalet-fs
Panglossian-gk pan and scan-f
pancreatectomy-md pandects-1 Pandora's Box
panhuman-gk panpsychism-gk
panencephalitis-md
pantywaist-gk/v
panthalassa-g
Panurge-LE
\[
\text { Pan, pas, pantos - all \{panto-\} }
\]
```

${ }^{1}$ Via Greek palimpsestos, 'scraped again.' ${ }^{2}$ The film began with the camera panning the 'entire' countryside of Ireland. ${ }^{3}$ See note 1, p. 83. ${ }^{4}$ See note 4, p. 100. ${ }^{5}$ Short for 'pantaloons,' which in turn is an eponym of St. Pantaleone, 'all lion;' the buffoon 'Pantaloon' from Italian comic theater, who had his origin in St. 'Pantaleone,' wore what we would call 'pants.'
poplin-fs
popery-r popish-r
Papal States-h
pope papal Papacy-r
Pope papacy-r
papal bull-r
papist-r
papabile-r
popedom-r

## Pappas-father \{pap, pop\}

paper (n.)
papergirl
paperboy

$$
\text { Papyros - paper \{paper\} }
$$

```
PAS-md
parallel (v.) PABA-BCM
parallelism paramedic-md paraphrase (n.) parenthesis paranormal-gk paraphrase (v.) parenthetical paraprofessional-gk parentheses paradox paralegal-1 paragraph (n.) paradoxical paradigmatic Paraclete-gk/r paragraph (v.) parasite paroxysm parallelipipedon-M parallelogram parasitic parodistic parathyroid-an paralysis paranoia paranoid schizophrenia-PS paralyze paranoid paralogism- \(\Phi\) paralyzed paraphernalia paraphimosis-md paralytic parable paronomasia-LE parallel (adj.) parabola paracme-gk parabolic paradiastole-LE parameter parisology-LE paraphrastic palfrey-gk parasitism paranoiac-PS paragon parorexia-gk paradigm parotid-an parody pareunia-gk paragoge-gr paralanguage-lg parabiosis-md paramecium paramilitary-ms paradromic-gk paraperesis-md
parachronism-gk parainfluenza-md Parasaurolophus-p
Paralympic Games-sp paraplegia-md parapsychology-gk
parasympathetic nervous system-an parasynthesis-lg parathyroidectomy-md paregoric-md paresis-md paresthesia-md parhelion-as paronymous-lg parosmia-md paroxytone-gr parallax-s paralogous-BCM parapatric-B paraphyletic-B parasuicide-gk
paramagnetic resonance-PH
paramyxovirus-md
parataxis-LE
parabasis-LE
paronym-LE
```


## Para - beside, alongside, almost, beyond, incorrect, on one side \{par\}

| sympathy psychopathology-PS <br> sympathetic pathetic fallacy-LE <br> unsympathetic pathos sympathectomy-md <br> sympathetically empathy sympathetic nervous system-an <br> psychopath empathic <br> parasympathetic nervous system-an <br> psychopathic empathically <br> telepathy-gk <br> sympathize pathetic <br> sympathizer pathetically <br> unsympathetically apathy pathogen allopathy-md apathetic pathogenic osteopath-md apathetically sociopath naupathia-md antipathy idiopathic-md antipathetic dissympathy-gk <br> pathological anthropopathism-gk pathology photopathy-B theopathy-r pathotype-B <br> neuropathy-md pathogenic-md/PS/Bb <br> naturopathy-md dyspathy-gk kinesipathy-md somnipathy-gk ludicropathetic-gk pathognomonic-md patharmosis pathoctonus <br> pathodixia pathophobia-PS pathognomy-gk pathogenesis-md pathotoxin-B pathography-md/gk hesternopathia pathophysiology-md apopathetic compathy altruipathia pathocryptia pathematic naprapathy rectopathic <br> lalopathy pathopoeia-LE <br> enteropathy-md pathomorphology-md A Mortal Antipathy-LE enteropathogenic-md <br> The Power of Sympathy-LE <br> lymphadenopathy syndrome-md |
| :---: |

## Pathos - suffering, disease, feeling, passion \{-path, patho-, -pathy\}

```
                                    Pentateuch-r/LE
            pentathlon pentagon Pentecost-r
    pentathlete Pentagon pentahedron pentadactyl-gk/an
        pentagonal pentameter pentatonic scale-mu
            iambic pentameter
pentameter-LE Penstemon-Bb pentagram-gk/r/my
    pentacle-my/r/gk pentamerous-Bb/gk pentane-CH
                    pentactine-Bz
                        pentaglot-gk
                        pentalogy-gk
            pentarchy-ps pentapopemptic
                    pentad-gk
                    penteteric-h
        pentagamy-gk pentapeptide-BCM
    Pentaceratops-p pentaploid-BCM pentaquine-md
            pentastich-LE pentazocine-md
                pentobarbital sodium-md
                    pentylenetetrazol-md
                            The Pentameron-LE
                                    pentalemma-Ф
                                    pentaptote-gr
                                    pentaptych-a
                                    pentapedal-Bz
                                    pentastich-LE
                                    pentapody-LE
                                    pentarsic-LE
                                    Pente-five {penta}
                                    Philadelphia pepper pot-gs
                    piperine-gs/CH
                            piperidine-CH
            pep band pep pepper pot-gs
                        pepper(n.) peppy paprika-gs
        peppery pepper (v.) salt-and-pepper-gk
salt and pepper peppered pepper-and-salt-gk pep pill-md
            black pepper peppering Piper nigrum-Bb
            peppermint peppiness peppercorn-gk
Peppermint Patty peppily peppercorn dressing-gs
            pepperoni pepperwort-Bb
            pepperoni pizza pepper mill-gs
                peppershaker
                    pep talk
            peppermint candy
            Peperi - pepper {pepper}
```




Peri- around, near, about
${ }^{1}$ See note 2, p. 489.

```
                    Peter samphire-Bb
            petrify petrol saltpetre-CH
                petrifying petrifaction pietra serena-at
                        petrified limpet-Bz
                        Peter Piper petrescent-gk
                                pier }\mp@subsup{}{}{1}\mathrm{ Saint Peter's Basilica
        parsley }\mp@subsup{}{}{2
        Peter Pan Peter the Great
        Petrified Forest Saint Petersburg
        petrified rock Peter Pan collar-fs
        petroleum jelly Peter's pence-r/h
            Pierre petrochemistry-CH
                        OPEC petrogenesis-g
                    lamprey }\mp@subsup{}{}{3}\mathrm{ petrodollar-$
                Peter and the Wolf
                    petroleum4
        petrography-g petrous-gk/an
        petropolitics-ps petrology-g petroglyph-gk
            Peter Bell-LE petrel-Bz
        Peter Lombard-h/r Peter Principle-gk
        Peter Bell the Third-LE Peter Paul Rubens-a
            Petra-rock, boulder {petri-, petro-}
            aphagia-md
        bacteriophage-B carpophagous-Bz anthropophaginian
        esophagus }\mp@subsup{}{}{5}\mathrm{ sarcophagus }\mp@subsup{}{}{6}\mathrm{ esophageal-an alliaphage
            anthropophagous-gk opsophagy
            xylophagous-Bz poltophagy
            ichthyophage-Bz logophagist
            dysphagia-md allotriophagy
            oligophagous-Bz autologophagist
                mycophagy-Bz cardophagus
            onychophagy-gk meconophagism
        phagomania-gk phagophobia osophagy
    polyphagous-gk/Bz psomophagy harpactophagous
        omophagy-gk lotophagous
    xerophagy-gk/r phagocyte-BCM tachyphagia
    ophiophagus-gk/Bz phagocytosis-BCM Adephaga-Bz
    myrmecophagous-Bz Geodephaga-Bz Hydradephaga-Bz
        ostreophagous-Bz lithophagus-Bz
    autophagia-md saprophagous-Bz scolecophagous-Bz
            creophagous-gk/B macrophage-BCM
        exophagy-gk pantophagist-gk
            phagosome-BCM
                    hyperphagia-gk
                    Phyllophaga-Bz
```


## Phagein - to eat $\{$-phage, phago- $\}$

[^139]```
                    fancy }\mp@subsup{}{}{1}\mathrm{ (adj.) telephanous
            fanciful phenomena phaser-s/gk bethphany
        fancifully phenomenon }\mp@subsup{}{}{7}\mathrm{ diaphanous tiffany-fs calophantic
            fantastic phenomenal Phantom of the Opera-LE/mu
        fantastically phenomenally phantasmagoria phenomenology-\Phi
    fantasy }\mp@subsup{}{}{2}\mathrm{ sycophant }\mp@subsup{}{}{8}\mathrm{ hierophant-r/gk phenomenalism-Ф
            fantasia sycophancy diaphane-gk/s/my fancier (n.)-gk
            phantom }\mp@subsup{}{}{3}\mathrm{ phantasm fantastico-fl phason-PH
            phase4 (n.) emphatic lexiphanic-gk phaseout-gk
                cellophane emphatically phaneromania-md
                pant (v.) fancy (v.) theophany-r
                        panting phase (v.) theophane-r
                        emphasis phantasy Christophany-r
                        emphasize}\mp@subsup{}{}{6}\mathrm{ epiphany phanerogam-Bb
                emphasizing epiphanic phanerozoic-Bz
                    fancier (adj.) phenom phenotype-B
            fanciest fancy-free angelophany-r menophania-md
        fantasize fantasyland diaphanometer-mt hydrophane-gm
            fantastical fantasy football phosphene-md phenology-B
                fantast-gk fantasia-mu/gk
                    phasmophobia-gk/PS
                        fantom-gk Phasmida-Bz
                    phase rule-PH phenobarbital-md
            phase modulation-s phenol-CH phenolphthalein-CH
                phantom limb pain-md phenothiazine-PS/CH
                    She Was a Phantom of Delight-LE
                    phase contrast microscope-s
                    phenoxybenzamine-md
                        epiphenomenalism-\Phi
                        epiphenomenon-gk
                        phentermine-md
                            prophase-BCM
                                    apophasis-LE
                            Phantom-LE
                                    fancywork-gk
                                    fantastification-gk
                                    phase transition-PH
                                    phase relationship-PH
                                    phenylalanine-BCM phenylephrine-md
                phenylketonuria-md phenylpropanolamine-md
            phenanthridine-CH/md phenetic-B phenogram-B
                tryptophan-BCM tryptophan synthetase A-protein-BCM
    acetophenone-CH benzophenone-CH phenoxazine-CH phenazocine-md
The Phenomenology of Mind-\Phi Phenomenology of Perception-\Phi The Phantom Wooer-LE
```


## Phainein - to cause to appear, show \{phan, phas, phat, phen, pheno-\} Phantasia-imagination, perception, apparition \{fanc, fantas, pant\} Phantos - visible

[^140]```
            Polyphemus-my
            euphemism apophasis-LE telepheme
euphemistic aphasia endophasia-gk cacophemism
prophet euphemistically phatic-gk caprophemia
            prophecy }\mp@subsup{}{}{1}\mathrm{ prophesy heterophemism-gk
                        prophetic pheme-lg
            prophetically phememe-lg
        prophetess blasphemy cataphasia-md
        blame (n.) blasphemous exophasia-gk
        blame (v.) blasphemer blamed (adj.)-v
        blaming blaspheme blamed (adv.)-v
                        blameworthy
                        blamable
                    blameless
                    blamelessly
                        blameful
                    Phanai - to speak
                            Phasis - speech
            Prophetes - prophet {prophec, prophes}
                Pheme - saying, speech
Blasphemo, blasphemare (Lat.) - to reproach, rebuke {blam}
```

```
                    pharm-s
                    pharmafood-gk
                            alexipharmic-md
                            pharmaceutics-md
                            panpharmacon-gk/md
                        pharmacognosy-md
                            nutraceutical-md
        pharmacokinetics-md pharmacotherapy-md
            pharmacy pharmacodynamic-md
pharmacist pharmacopoeia pharmaceutical-md
                    pharmacology-md
                    pharmacophobia-PS
                    pharmacogenetics-BCM
            psychopharmacology-PS/md
            Pharmaciae Baccalaureus-ed
            Pharmaciae Doctor-ed
            Pharmaciae Magister-ed
Pharmakon-remedy, drug {pharmac, pharmaco-}
```

[^141]

[^142]
$$
\text { Philein - to love \{-phile, philo-\} }
$$

[^143]| phobia | Deiphobus-my Phobos-my/as | phobophobia |
| :---: | :---: | :---: |
| Anglophobe xenophobia autophoby-PS nulliphobophobia |  |  |
| ophidiophobia-gk/PS triskaidekaphobia |  |  |

## Phobos-fear



Phone-voice, sound $\{$-phone, phono- $\}$
${ }^{1}$ An alternate spelling of 'antiphon.'

```
                    phot-s
                            photonics-PH
                            photovoltaic-s
                            photo photino-PH
            foto phosphoresce photometer-s
            photograph (v.) phosphorescent
        photograph (n.) phosphorescence phosphoric acid-CH
                photographer photon
            photography phosphorus P phototaxis-B
    telephoto photosynthesis photochromism-s photology
            telephoto lens phosphate-CH photodynia
                photocopy photomorphogenesis-Bb
                    photogenic photobiotic-B
                    photocopier photolysis-CH
            photo finish photomontage-gk phosvitin-BCM
            photofinishing photoperiodism-B
            photo opportunity aphotic-gk/lm
                    photo op phototherapy-md
            photographic photogrammetry-s
                photomicrograph-s
                                    phosphorous-CH
                                    photic-gk/lm
                                    photophilic-B
                                    photograde-s
                photophobe-B phosphatase-BCM
    photocatalysis-CH phosphaturia-md phosphene-gk
phosphocreatine-BCM phosphodiester bond-BCM phospholipid-BCM
    phosphorylase-BCM photoaging-md photobiology-B
                photochemistry-CH
                    photodynamics-B
                        photoelectric cell-s
            photoheliograph-as photojournalism-gk
photomicroscope-s photophobia-md photopia-md
            photorealism-a photorespiration- }\textrm{BCM}/\textrm{Bb
                photosensitivity-md/gk
                    photogeology-g
                    photosphere-as
                    phototransistor-s
                photoelectric effect-PH
            phototropism-B photodiode-s
        photoisomerization-CH photokinesis-B
            photoplay-f photoengraving-gk
                photo-offset-gk
                    photoscan-md
                    photodetector-s
                    photoreactivation-BCM
                    photochemotherapy-md
                    phosphofructokinase-BCM
                    phosphoglyceraldehyde-BCM
                Photograph of Haymaker, 1890-LE
            Phos, photos-light {photo-}
```

```
                            phrase-gr/mu
                            periphrasis phrasemonger-gk
                        periphrastic metaphrast-gk
            phrase (v.) phraseology antiphrasis-LE
        phrase (n.) paraphrase (n.) holophrasis-LE
        paraphrase }\mp@subsup{}{}{1}\mathrm{ (v.) metaphrase-gk tachyphrasia
            paraphrased phrase book-ed
                        phrasing phrasal verb-gr
                                    prepositional phrase
                                    phrasemaker-gk
                                    phraseogram-gk
```


## Phrazein - to point out, show, explain \{phras\} Phrasis-speech


${ }^{1}$ William paraphrased what he had read by writing his own 'explanation beside' it. ${ }^{2}$ As the diaphragm is in the midriff of the body, or is the 'seat' of the lungs, so too is the 'mind' the 'seat' of thought.

$$
\begin{aligned}
& \text { phiz-v } \\
& \text { physis- } \Phi \\
& \text { physic-md euphysics } \\
& \text { physician }{ }^{1} \text { metaphysics- } \Phi \text { pataphysics } \\
& \text { physical (adj.) Metaphysics- } \Phi \text { diophysitic } \\
& \text { physical (n.) physiognomy physiology-md } \\
& \text { physically metaphysical }{ }^{3} \text { physical therapist-md } \\
& \text { physical education impishness physicalize metaphysical poets-LE } \\
& \text { phy ed } \mathrm{imp}^{2} \text { physiological The Metaphysical Poets-LE } \\
& \text { phys ed physique physiologist physicality-gk } \\
& \text { physics metaphysician } \\
& \text { physicist quantum physics-PH } \\
& \text { nonphysical impishly }
\end{aligned}
$$

## Phyein - to produce, cause to grow, bring forth Physis - nature \{physi-, physio-\}

[^144]> phylactery-gk/r
> prophylactic prophylaxis-md anaphylaxis-vt/md anaphylactic shock-vt/md tachyphylaxis-md phylactology phylactocarp-Bz gazophylacium
> phylacobiosis-Bz
> Phylactolaemata-Bz
> chemoprophylaxis-md

# Phylax, phylakos - watcher, guard, sentinel \{phylact\} 

```
                    chervil-Bb
            phyllome-Bb phyllody-Bb
        podophyllin-md phyllode-Bb
    gillyflower-Bb phyllo-gs filo dough-gs
        chlorophyll Chaerophyllum-Bb
            diphyllous-Bb
            Phyllophaga-Bz
                phyllotaxy-Bb
                dasyphyllous-Bb
    leptophyllic-Bb phyllobranchia-Bz
heterophyllous-Bb Phylloxera-Bz microsporophyll-B
        phyllocyanin-CH enneaphyllous-Bb
            achlorophyllaceous-Bb
                sporophyll-B
                        xanthophyll-Bb
            xanthophyllite-mn
        phylloclade-Bb phyllomancy
        gamophyllous-Bb hecatophyllous
        phylloquinone-BCM phyllosphere-Bb
            phylloplane-Bb
            polyphyllous-Bb
        Phyllon - leaf {phyllo-}
                phyle-h
        phylum phylum-B/lg
                phylogeny-B
    phylarch-h/gk homophylic-B
monophyletic- B polyphylesis-B phyletic-B
            allophylian-lg
            phyloanalysis-PS
    phylogenetic-B phylonepionic-B
ontogeny recapitulates phylogeny-B Phyloptera-Bz
```

Phylon-race, tribe, class \{phylo-\}

```
                    phyton-Bb
    phytic-Bb/BCM
        phytase-Bb/BCM
        phytin-BCM/md
        zygophyte-Bb
        bryophyte-Bb
            trichophyte-md
        halophyte-Bb phytane-p
        mesophyte-Bb aerophyte-Bb
            neophyte oophyte-Bb
        phytology-Bb protophyte-Bb zoophyte-B
dermatophyte-md xerophyte-Bb epiphyte-Bb phytol-BCM
        phytogenesis-Bb lithophyte-B phytolith-p
            phytobranchiate-Bz thallophyte-Bb
    phytochemical-Bb/BCM phytoplankton-Bb
        hydrophyte-Bb phytosociology-B
                        hygrophyte-Bb
                            saprophyte-Bb
                    dermophyte-md
                        thallophyte-Bb
            phytochemistry-Bb/BCM
                microphyte-B
                    Pteridophyta-Bb
                    phytotoxic-Bb/ag
                        phytography-Bb
                            osteophyte-md
                    phytobezoar-md/Bz
                    phytophagous-Bz
                            phytochrome-Bb
            phytoestrogen-Bb phytotron-s
                phytosanitary-ag
    phytogeography-Bb phytoalexin-Bb/BCM
            epidermophytosis-md Phytosaurus-p
            phytopathology-Bb/ag phytivorous
            Phyton }\mp@subsup{}{}{1}\mathrm{ - plant {-phyte, phyto-}
    symptom }\mp@subsup{}{}{2
        symptomless
            symptomatic}\mp@subsup{}{}{2}\mathrm{ symptomatography
symptomatically asymptomatic symptomatology-md
        symptomize ptomaine-CH
            ptosis-md
            peripety-LE
            asymptote-M
            peripeteia-LE
            proptosis-md
            ptomaine poisoning-gk
                    Piptein - to fall {pt}
```

${ }^{1}$ Phyton is related to phyein, 'to cause to grow, bring forth;' see p. 563. ${ }^{2}$ A symptom is a 'result' or 'indication' that etymologically 'falls together' with something else, ordinarily a disease: stomach upset 'falls together' with the flu, or hair loss is symptomatic of chemotherapy.

planetary nebula-as<br>planetary interplanetary-as planet ${ }^{1}$ planetarian-gk<br>planetarium planetoid-as planetesimal-as<br>planetology-as aplanatic-s<br>exoplanet-as<br>Planetarium-LE planet differential-s planetary electron-PH planetary configuration-as planetesimal hypothesis-as

## Planasthai - to wander Planetes - wanderer

plastic-v/B/PH<br>plasma-PH/BCM/md ectoplasm-gk<br>endoplasm-BCM protoplasm-BCM plasmalemma-BCM<br>endoplasmic reticulum-BCM plastid-BCM<br>plasterer plastic (adj.) plasmacyte-BCM<br>plaster (v.) plasticity cytoplasm-BCM<br>plaster ${ }^{2}$ (n.) plasma deutoplasm-BCM<br>plastic ${ }^{3}$ (n.) esemplastic-gk esemplasy-gk<br>plaster of Paris plasmodiophorid-B iconoplast-gk<br>plaster cast xeroplastic-B<br>plastic surgery zymoplastic-s plastic surgeon nucleocytoplasmic-BCM<br>plastered mycoplasma-B/md nucleoplasm-BCM plasmocytoma-md<br>plasterboard-gk plasma cell-BCM<br>ideoplastic-gk metaplasm-lg osteoplasty-md cosmid-BCM dermatoplasty-md plasmablast-BCM plasmid-BCM dysplasia-md<br>plasmapheresis-md chloroplast- Bb<br>plasmagene-BCM cineplasty-md plasmon-BCM achondroplasia-md plasmodesma-BCM Plasmodium-Bz<br>plastering-v plastic money-\$ toxoplasmosis-md<br>protoplast-BCM/gk<br>autoplasty-md rhinoplasty-md<br>heteroplasia-md plasma membrane-BCM<br>homoplasy-B hypoplasty-md<br>tympanoplasty-md zooplasty-md/vt<br>plasma jet-PH plasma physics-PH plasmasphere-as<br>plastocyanin-BCM plastoquinone-BCM<br>cataplasm-md<br>spheroplast-BCM<br>Plassein - to mold, form, shape Plastos - formed, molded Plasma-image, figure, anything molded \{plasmo-\}

1'In contrast with stars that remain fixed in the heavens, planets 'wander' about the sky from night to night.
${ }^{2}$ Plaster can be 'molded' into
${ }^{2}$ Plaster can be 'molded' into any shape. ${ }^{3}$ The beauty and utility of plastic is that it can 'form' any 'shape.'


[^145]```
                    apnea-md
                    tachypnea-md
                    sleep apnea-md
                hyperpnea-md polypnea-md
        pneuma-\Phi/my/r pneumatophore-B
    pneumonic-an pneumatolysis-mn/g
    pneumonia pneumatic pneumatics-PH
        pneumatology-r pneumatophobia
        pneumatometer-md theopneusty-gk
                        pneumoconiosis-md
                            metapneustic-Bz
                        pneumococcus-md/B
                        pneumorrhagia-md
                        pneumothorax-md
                        pneumocystis-md
                    pneumogastric-an
                pneumocarcinoma-md
                pneumogastric nerve-an
                pneumotachograph-md
                pneumopericardium-md
                bronchopneumonia-md
            pneumoventriculography-md
    pneumatosis-md pneumobacillus-md/B
        pneumocystis carinii pneumonia-md
    pleuropneumonia-md dyspnea-md
    pneumodynamics-PH eupnea-md
        pneumonectomy-md pneumonitis-md
    pneumonoultramicroscopicsilicovolcanoconiosis-md
```

Pneuma, pneumatos - air, breath, spirit, wind \{pneumato-\} Pnein - to breathe Pneumon-lung \{pneumo-\}
poet poem poiesis-gk
poetry onomatopoeia pharmacopoeia poetaster-gk
poetic poetical poesy-LE
poetically onomatopoeic hemopoiesis-md
poetess onomatopoetic posy-gk
Poets' Corner Poetics- $\Phi$ Poetry-LE
epopoeist-LE epopee-LE leukopoiesis-md melopoeia-mu/h Ars Poetica-LE
mythopoesis-gk mythopoem-LE altar poem-LE nosopoetic-md poetic diction-LE

Poem in October-LE
performance poetry-gk
The Poetic Principle-LE
ut pictura poesis-a/LE
The Progress of Poesy-LE
Poetical Sketches-LE phanopoeia-LE
prosopopoeia-LE poet laureate-gk
cosmopoietic-gk poetics-LE pattern poem-LE
hematopoiesis-md poetic justice-gk pathopoeia-LE
poetic license-gk poetry slam-gk galactopoiesis-md/Bz Poetaster-LE
Poiein - to do, make, create, produce \{poei, poes, poies $\}$
Poiema - anything created, poem $\{$ poem $\}$
Poietes - maker, creator, poet $\{$ poet $\}$
Poeta (Lat.) - poet $\{$ poetr $\}$
subpoena (v.) subpoena (n.) penalty shot-sp subpoenaed penalty area-sp penal penalty kick-sp
penance penology-s
repent pen-v repentance peniatry-md impenitible
pain (n.)
painful
painless
pain (v.)
punishing
pine ${ }^{1}$ (v.)
unrepentant $\left.\begin{array}{ccc}\begin{array}{c}\text { repentant } \\ \text { pained }\end{array} & \text { repine } & \text { penalty box-sp } \\ \text { (v.) } & \text { penitent } & \text { penal law-1 } \\ \text { Penitente-r }\end{array}\right]$
punish
penal code-1 dispunishable
$\begin{array}{ccc}\text { punishable } & \text { punitive } & \text { dispunishab } \\ \text { punishment } & \text { punishing } & \text { intropunitive-PS }\end{array}$
painfully punitory punitive damages-1
punitively Punishment-LE
pain reliever painstaking Crime and Punishment-LE painkiller painstakingly
painlessly penitent
unpunished painlessness penitence penitential
Poine - punishment, fine, penalty, retribution \{pain, pen, pin\}
Punio, punire, punivi, punitum (Lat.) - punish
Poena (Lat.) - punishment, penalty \{pain, pen, pin\}
Paenitens, paenitentis (Lat.) - regretting, repenting \{penanc, penitent, pent\}
${ }^{1}$ Petrarch wrote exquisitely beautiful poetry to help allay his heart's 'pain' as he pined away for Laura.

> polis-h
> acropolis-h
> Politics- $\Phi$
> PC polity Heliopolis-h metropolis politic megalopolis-gk metropolitan impolitic politico-fl police (n.) cosmopolitan politicking-gk police (v.) policy politburo-ps policeman cosmopolitanism body politic-gk policewoman apolitical police action-gk
> police force politicize necropolis-gk/h police officer political correctness political economy-\$/ps
> Minneapolis political incorrectness politicaster-gk
> police dog politics tetrapolis-gk
> police reporter political geopolitics-ps
> police station politically isopolity-h
> Indianapolis politician propolis-B
> Acropolis politically incorrect topopolitan-gk politically correct policlinic-md political science police state-ps police procedural-gk political action committee-ps paltripolitan
> Tractatus Theologico-Politicus-Ф
> political philosophy-ps/Ф
> Persepolis-h
> Polis-city \{polit\}
> Polites - citizen \{polic\}
> Politikos - pertaining to a citizen, belonging to a state \{politic\}

```
pulley \({ }^{1}\) polar front-mt
North Pole \({ }^{2}\) polar cap-as
South Pole \({ }^{2}\) pole polar body-BCM
polar bear polar \({ }^{2}\) polar opposites-gk
Polaris \(^{3}\) polarize polar coordinates-M
polar cap polarization polarimeter-s
Pole Star polarity \({ }^{2}\) magnetic pole-PH
celestial pole-as
polarization-s
The Pulley-LE
polarography-s
Polar Regions
polar nucleus-BCM
polarization coordination- PH
```


## Polos - axis of a sphere, sky, pivot

[^146]```
                                    Polyphemus-my
                                    Polyhymnia-my
                                    polyhistor-gk
                    Polynesia polygyny-gk/Bz
            #}\begin{array}{c}{\mathrm{ polygon molyster monopolylogue-a}}\\{\mathrm{ polyester m}}
        polyester polyglot polyp-md/Bz
        polygonal polymath polytechnic-ed
            polysyllable polychromatic hoi polloi-fl
            polysyllabic polytheism polyarchy-ps
        polynomial polytheist polyversity-ed
            polyhedron polymer polygraph-s/gk
                polyhedral polyphloisboian-gk
                    polylingual polychresty-gk
                    polygamy polychromy-at/a
                    polygamist polyocracy-ps
            polymorphous Polymixiidae-Bz
                        polyonymous-gk
                    polycarbonate-CH
                    polyandry-B/gk
polyarthritis-md polyalcohol-CH polyposis-md
polydipsia-md DNA polymerase-BCM RNA polymerase-BCM
    polylemma-\Phi polymorph-B/CH polypeptide-BCM
            Polyodontosaurus-p polyphony-mu
                polymerase chain reaction-BCM
                    polycytidylic acid-BCM
                        polyalphabetic-gk
                            polysyndeton-LE
                                    Polydectes-my
                                    Polyneices-my
                                    polyptych-r/a
                                    Polyxena-my
                                    Polys - many
                                    porism-M
                                    porotype-gk
                                    porokeratosis-md
                                    porostomatous-Bz
pore (n.) emporium }\mp@subsup{}{}{1}\mathrm{ ( porion-an
        porous aporia-LE
            porosity poromeric-fs
                porousness Porifera-Bz
                osteoporosis Porites-Bz
                poriferous-s porish
                        porismatic-M
                        porocyte-Bz
                        porogamic-Bb
                        porometer-Bb
                    Madreporaria-Bz
                        Poros - passage, way, journey
```

${ }^{1}$ Via Greek emporos, 'merchant;' a 'merchant' must 'journey' to sell his goods at an emporium.


## Porphyra-purple dye, purple

Purpura (Lat.) - purple $\left\{\right.$ purpl $\left.^{1}\right\}$
hippopotamus ${ }^{2}$ hippopotomonstrosesquipedalian

Mesopotamia $^{3} \quad$| potamophilous |
| :---: |
| pygmy hippopotamus Hippopotamus amphibius-Bz |
| hippopotamuses $\quad$ Potamites-Bz |
| hippopotami potamic-s |
| Potamogale-Bz |
| Potamogeton-Bb |
| potamology-s |
| Potamonidae-Bz |
| potamography-s |
| Koiropotamus-Bz |
| potamobenthos-B |
| Potamanthidae- Bz |
| potamoplankton-B |
| Potamogetonaceae- Bb |

## Potamos - river

[^147]> Apus-as
> Rhizopoda-Bz
> Rhizopus- Bb podite- Bz dolichopodous
> Oedipus Rex Oedipus at Colonus podagra-md
> pew $^{1}$ appogiatura-mu Pelecypoda-Bz
> tripod podium antipodes pseudopod-BCM/B
> cephalopod trapezoid ${ }^{3}$ antipodes-gk/ge
> octopus podiatrist Gastropoda-Bz
> octopuses podiatry apodal-Bz
> octopi caliber ${ }^{4}$ chiropodist-md
> octopodes calibrate ${ }^{4}$ Arthropoda-Bz
> platypus ${ }^{2}$ calibration polyp-md/Bz
> Oedipus ${ }^{5}$ antipodal-gk
> Megapodiidae-Bz
> Xenopus-Bz Monopods-LE
> sciapodous-gk Sciapodes-gk monopod-gk
> podetium- Bb amphipod- Bz pentapody-LE podophyllin-md Podophyllum-Bb Oedipal-PS
> podoscaph-gk Oedipus complex-PS bradypod-Bz
> Branchiopoda-Bz Lycopodium-Bb monopodium-Bb
> Theropoda-p Ornithopoda-p Saltopus-p
> Sauropoda-p sympodium-Bb Hexapoda-Bz Decapoda-Bz podobromhidrosis-md Brachypodosaurus-p Sauropodomorpha-p
> Pous, podos-foot \{pus\}
> Podion-base, little foot
> practicer
> practice (n.) pragmatism-Ф
> practical ${ }^{6}$ pragmatically praxis-gk/LE/Ф
> practically pragmatism practicum-ed
> impractical practicable parapraxis-gk
> practical joke impracticable dyspraxia-md
> practical joker practiced (adj.) praxeology-gk
> impractically practicing (adj.) pragmatic sanction-ps
> unpracticed practitioner practice teacher-ed chiropractor malpractice Pragmatism- $\Phi$
> practise general practitioner-md
> Critique of Practical Reason-Ф
> Prassein - to make, do, achieve \{pract, prax\}
> Praktikos-active, fit for action, business-like \{practic\} Pragma, pragmatos - deed, act

[^148]Nun's Priest's Tale-LE

priestess | priestly blessing-r |
| :---: | priestshire

priesthood
priest (n.)
priestly caste-h/r
priestly
priestlinessyter-r
prester John-h
presbytery-r
priest (v.)-r
presbycusis-md
presbyophrenia-md
Presbyterian Church-r

## Presbys-old man, old Presbyteros - elder \{priest\}

|  | proem-gk |
| :---: | :---: |
|  | Procyon-as |
|  | pronaos-at/r |
|  | prognosticate |
|  | prophet prognosis Procrustes-my |
|  | prophecy prophesy prostyle-at |
| problem | problematic proboscis amphiprostyle-at |
| program | prologue Promethean ${ }^{1}$ prolepsis-gk/LE |
|  | prophetess prophylactic proscenium-a/gk |
|  | prophetic Procompsognathus-p |
|  | Prometheus ${ }^{1}$ Prosaurolophus-p |
|  | Prosauropoda-p |
|  | proboscis-Bz/gk |
|  | Procrustean-gk |
|  | propylaion-at |
|  | propaedeutic-ed |
|  | hysteron proteron-LE protasis-gr/LE |
|  | Proterozoic-g prothalamion-LE proteranthous-Bb |
|  | Proteroglypha-Bz proterothesis-Bz |
|  | prolegomenon-gk |
|  | Prothalamion-LE |
|  | General Prologue-LE |
|  | Prometheus Bound-LE |
|  | Prometheus Unbound-LE |
|  | The Pardoner's Prologue and Tale-LE |
|  | The Wife of Bath's Prologue and Tale-LE |

> Pro-before, in front of, earlier Proteros - before, earlier, former

[^149]```
prosody-LE
prosthodontics-dt
proselyte prosenchyma-Bb
proselytize prosencephalon-an prosthesis prosopography-gk
prosopopoeia-LE
aprosexia-md
prosepilogism
prosembryum
```


## Pros - near, toward, in front of

```
                                    prion-md
```

                                    prion-md
                                    Proteus4-my
                                    Proteus4-my
                    proteose-BCM
                    proteose-BCM
                    LDL-BCM/md
                    LDL-BCM/md
            VLDL-BCM/md prothonotary-1/r
            VLDL-BCM/md prothonotary-1/r
        proton }\mp@subsup{}{}{1}\mathrm{ prototype HDL-BCM/md
        proton }\mp@subsup{}{}{1}\mathrm{ prototype HDL-BCM/md
    protein }\mp@subsup{}{}{2}\mathrm{ protocol }\mp@subsup{}{}{3}\mathrm{ Proto-Germanic-lg
    protein }\mp@subsup{}{}{2}\mathrm{ protocol }\mp@subsup{}{}{3}\mathrm{ Proto-Germanic-lg
            protean }\mp@subsup{}{}{4}\mathrm{ protophyte-Bb
            protean }\mp@subsup{}{}{4}\mathrm{ protophyte-Bb
        protagonist protomartyr-gk
        protagonist protomartyr-gk
            protozoa ribonucleoprotein-BCM
            protozoa ribonucleoprotein-BCM
                    protolithic-ah
                    protolithic-ah
                        Protoctista-B
                        Protoctista-B
            protonema-Bb antiproton-PH
            protonema-Bb antiproton-PH
        protactinium-CH protandrous- }\textrm{Bb
        protactinium-CH protandrous- }\textrm{Bb
    Protarchaeopteryx-p protanopia-md protease-BCM
Protarchaeopteryx-p protanopia-md protease-BCM
Protoceratops-p proteinase-BCM
Protoceratops-p proteinase-BCM
Protognathosaurus-p
Protognathosaurus-p
Protohadros-p protostar-as
Protohadros-p protostar-as
protease inhibitor-md protostome-Bz
protease inhibitor-md protostome-Bz
proteinuria-md protozoology-Bz protoxylem-Bb
proteinuria-md protozoology-Bz protoxylem-Bb
proteolysis-BCM protoplasm-BCM
proteolysis-BCM protoplasm-BCM
protovirus-B protogalaxy-as
protovirus-B protogalaxy-as
proteoclastic-BCM
proteoclastic-BCM
G protein-BCM
G protein-BCM
glycoprotein-BCM
glycoprotein-BCM
scleroprotein-BCM
scleroprotein-BCM
flavoprotein-BCM
flavoprotein-BCM
protolanguage-lg
protolanguage-lg
Proto-Algonquian-lg
Proto-Algonquian-lg
proton synchroton-PH
proton synchroton-PH
Proto-Indo-European-lg
Proto-Indo-European-lg
Protos - first {proto-}
Protos - first {proto-}
Proteus-first man

```
                    Proteus-first man
```

${ }^{1}$ The proton is that positively charged part of the atom which solely forms the nucleus of the 'first' element, hydrogen. ${ }^{2}$ The etymological origin considers the idea that protein is of the 'first' order of significance of the substances that sustain the body. ${ }^{3}$ Protocol can be thought of as the 'first or foremost glue' which binds people together by rules of appropriate conduct. ${ }^{4}$ The god Proteus had the ability to change into any form he wanted.

pteranodon ${ }^{2}$
helicopter (n.)
brachypterous-Bz
pseudodipteral-at
Megaloptera-Bz
Orthoptera-Bz
Chiroptera-Bz
tetrapterous-B
lepidopterology-Bz
lepidopterist-Bz pteryology-Bz
apteryx-Bz
Caudipteryx-p Pterospondylus-p
helicopter (v.) orthopter
pteronophobia
pteridophyte-Bb
Eurypteridae-p
pterylography-Bz
dipterous-Bz
apterium-Bz
peripteral-at
pteric-Bz
Pterosauria-p
Archaeopteryx-p
Elopteryx-p
Sinosauropteryx-p pteridology-Bb
pteropod-Bz pteryla-Bz
pterygobranchiate-Bz
dipteral-at
pterosaur-p
trichopter-Bz

## Pteron-feather, wing

pyre
pyrophobia
funeral pyre
pyrotechnic empyreal ${ }^{4}$
pyrotechnics empyrean ${ }^{4}$
pyromaniac pyrites-mn
pyromania pyretic-md
Pyrex antipyretic-md
pyramid $^{3}$ (n.) pyrolysis-CH
pyramidal pyrite-mn
pyramid (v.) pyromancy-gk
Egyptian pyramids pyrimidine-BCM
Pyracantha-Bb pyridoxal-BCM
pyroxene-mn empyreuma-gk
pyrography-a/gk ochropyra-md
pyroclastic flow-g pyrosis-md
xylopyrography-a/gk pyrometer-s pyro-v
pyrostat-s Pyralidae-Bz pyrimethamine-md
Pyroraptor-p pyrexia-md pyric-gk pyridoxine-BCM
pyramidal tract-an pyramid scheme-\$ pyridoxamine-BCM
Pyriphlegethon-my pyroelectricity-s pyrogallol-md/a pyrolusite-mn pyrometallurgy-ml pyromorphite-mn pyrope-gm pyrophosphoric acid-CH pyrrhuloxia-Bz pyrrole-CH pyrogenic-g/gk/md pyrheliometer-s pyroxferroite-mn

$$
\text { Pyr—fire }\{\text { pyro- }\}
$$

[^150]| box (n.) | box seat-gk |
| :---: | :---: |
| Boxing Day-gk |  |
| box.) | bofety deposit box box-Bb |
| safer |  |
| boxing ${ }^{1}$ | boxer shorts-fs |
| boxed box score-sp |  |
| boxcar pyx-r/\$ |  |
| ice box | Pyxis-as |
| box kite | pyxis-Bb |
| box office | pyxie-Bb |
| cereal box | pyx cloth-r |
| box top | stuffing box-gk |
| box turtle |  |
| chatterbox |  |
| treasure box |  |

## Pyxos-box tree ${ }^{2}$ \{box\}

 Pyxis-box${ }^{1}$ This is not the 'boxing' of 'fighting,' which comes from Middle English, but of putting items in a receptacle, or 'box.' ${ }^{2}$ Boxwood, which comes from a box tree, is much used by craftsmen who work with wood, such as turners (who work with lathes); 'boxes' are also made, for instance, from the soft white wood of the 'box' elder, or Acer Negundo. Note how very helpful Grimm's law is in determining the relationship between pyxos and 'box,' as the 'p' shifts to 'b.'

## 孔: : $\mathfrak{G r e d}$

rhythm amenorrhea-md
rhythmic eurythmics catarrh-md
Rhein - to flow \{rheo-\}
Rhythmos - measured motion, time, order
Rheuma, rheumatos - that which flows, stream, discharge from the body
rhino rhinophonia
$\begin{array}{lll}\text { rhinoceros } \\ \text { black rhino } & \text { rhinitis-md } & \text { dirhinous } \\ \text { dirhinic-md } & & \text { rhinolalia }\end{array}$
black rhino dirhinic-md rhinolalia
white rhino rhinal-an kyphorrhinos rhinocerotic-Bz
rhinorrhea-md errhine-md antirrhinum-Bb
platyrrhine-ap/Bz rhinoplasty-md rhinoscopy-md
leptorrhinian-md rhinology-md
Pachyrhinosaurus-p
Altirhinus-p
Arrhinoceratops-p
Lycorhinus-p
otorhinolaryngology-md
rhinoceros hornbill- Bz rhinoceros iguana- Bz rhinoceros auklet- Bz
Sumatran rhinoceros-Bz Dicerorhinus sumatrensis- Bz Rhinoceros sondaicus- Bz Rhinoceros unicornis-Bz rhinoceros beetle-Bz rhinopharyngitis-md
rhinopneumonitis-vt rhinotracheitis-md

## Rhis, rhinos - nose \{rhino-\}

licorice ${ }^{2}$ licorice candy rhizophora- Bb rhizoplane- B rhizoplast- B
black licorice licorice stick-mu rhizanthous- Bb Rhizobium- B red licorice Glycyrrhiza glabra-Bb rhizocarp-Bb Rhizocephala-Bz
rhizogenic- Bb rhizoid- Bb rhizome- Bb rhizotomy-md
rhizosphere-ag/Bb rhizodont-Bz Rhizopoda-Bz
rhizodontropy-dt rhizodontrypy-dt
Rhizopus- Bb rhizophage- Bz
rhizotaxis-Bb

Rhiza-root \{ric, rhizo-\}
${ }^{1}$ See note 1, p. 502. ${ }^{2}$ Etymologically 'sweet root.'

## (2) Greck

| sack (n.) | sacking-fs <br> sack $^{1}$ (v.) |
| :---: | :---: |
| hit the sack |  |
| sack out | sack-sp <br> sackcloth-r <br> gunny sack |
| gunny sack race | sacker-sp |
| saccate-gk |  |

> Sakkos - sack Saccus (Lat.) - sack $\{$ sacc $\}$

```
                    sarcostosis-md
            sarcastic sarcolemma-an sarcophilous
                sarcasm}\mp@subsup{}{}{2}\quad\mathrm{ sarcoid-md
                        sarcastically sarcous-an
                        sarcophagus }\mp@subsup{}{}{3}\mathrm{ sarcoma-md
                sarcophagi sarcophagous-gk
                sarcophaguses sarcology-an
                sarcast-gk
                            syssarcosis-an
                    polysarcia-md/Bb
                        sarcosepsis-md
                        sarcoderm-Bb
                    myxosarcoma-md
                        Sarcodina-Bz sarcoidosis-md
            sarcomatosis-md sarcomere-an
            sarcoplasmic reticulum-an sarcosome-BCM
            sarcoptic mange-md sarcotome-md sarcocyst-vt/B
                sarcolite-mn Sarcoptes-Bz sarcosporidiosis-vt sarcosporidium-B
```

$$
\text { Sarx, sarkos - flesh \{sarc, sarco-\} }
$$

[^151]sauria-Bz

## Sauros-lizard



Schema, schematos -form, shape, figure, pretense, manner Hexis - state of mind, habit, condition $\{$ hect $\}$
Ekhein - to have, hold, keep, be in a certain condition $\{\mathrm{ech}\}$ Epokhe ${ }^{4}$ - point in time, pause, cessation \{epoch\}

[^152]```
master schedule
scheduling
schedule (v.)
schedule}\mp@subsup{}{}{1}\mathrm{ (n.)
schizophrenia schist-mn/g
schizophrenic
schizocarp-Bb
schistorrhachis-md
Schizomycetes-B
schizogamy-B
schistocyte-BCM
Schizodon-Bz
schistocytosis-md
schistosomiasis-md
Schistosoma-Bz
The Great Schism-h
```

schist-mn/g<br>schizostylis- Bb<br>schizotrichia-md<br>chiloschisis-md schizoaffective-PS<br>schismatic-gk<br>schizogenesis-B<br>schizothecal-Bz<br>Schizopoda-Bz<br>schismogenesis-ap<br>schizothemia<br>schizophallus

## Schizein - to split, cleave \{schist, schisto-, schizo-\} Schisma, schismatos - division of opinion Scida (Lat.) - strip of papyrus \{sched $\}$

```
    school2 (n.) schooling schooled schoolroom schoolyard preschool
            school (adj.) school age private school homeschool
                schoolbook schoolgirl schoolboy homeschooler
                    schoolhouse school day homeschooled
                        homeschooling scholar athlete
                                    schoolmaster schoolmate
                                    school (v.)
            schoolmistress boarding school schoolmarm-ed
            public school independent school
                            Scholasticism-\Phi
school bus school board SSAT Neo-Scholasticism-\Phi scholaptitude
    lower school school year scholar Rhodes scholar-ed
            elementary school scholarly scholasm-gk
                college scholarship scholarliness scholiast-gk
            preschooler scholastic scholia-gk
            middle school SAT school choice-ed
            high school college-prep school PSAT haute ecole-sp
                upper school National Merit scholar The American Scholar-LE
                    grade school schola cantorum-mu
                    middle schooler The School for Scandal-LE
                    high schooler The Scholar-Gipsy-LE
                upper schooler school drama-LE
                    schoolfellow school of Spenser-LE
                        trade school Sicilian school-LE
                day school School of Athens-a
                public schooling école-fl
                    parochial school
                        Catholic school
                    schoolteacher scholarship
```

                    Schole-leisure, learned discussion, school
    ${ }^{1}$ Perhaps related; a schedule, etymologically a 'strip of papyrus,' is written on a piece of paper. ${ }^{2}$ Although school may seem today to have little in common with 'leisure,' nevertheless in the ancient world only those children whose parents were wealthy could afford the 'leisure' time for 'schooling'- the rest had to work.


## Skene-stage, tent \{scen\}

${ }^{1}$ Pertaining to 'signifying' meaning; meaning itself is a 'signifier.' ${ }^{2}$ Plays were once enacted in 'tents,' where the 'stage' was set for the scene of the play.

```
                    scioptric
squirrel (}\mp@subsup{}{}{1}(\textrm{n}.) squirrel (v.) antiscian
        squirrelly sciatheric
            red squirrel scialytic
                        gray squirrel
                        black squirrel
                    ground squirrel
                        flying squirrel
                        albino squirrel
                giant squirrel skiascopy-md
    pygmy squirrel skiagram-gk/a
        fox squirrel skiagraphy-s/md
        tree squirrel squirrel monkey
            squirrel fish-Bz
            sciapodous-gk
            skiaphobia-gk
            sciamachy-gk
            macroscian-gk
                    sciotheism-r
                        sciomancy-gk
                Skia}\mp@subsup{}{}{2}\mathrm{ - shadow {sci, scia, sq}
                    sclerous-gk
                    scleritis-md
                    sclerotomy-md
        scleroid-B skeleton (n.) arteriosclerosis sclereid-BCM
scleroma-md skeleton key multiple sclerosis sclera-an
sclerotium-Bb skeletal musculoskeletal-an scleragogy
sclerosis-md skeleton (adj.) sclerotesta-Bb
            skeletal muscle
            skeletal system
            sclerotic-md
            scleroderma-md
            skeletonize-gk
            sclerenchyma-Bb
            skeleton dance-gk
            arteriosclerotic-md
                skeleton construction-at
```


# Skleros - hard, stiff \{scler, sclero-\} <br> Skeletos - dried up, withered 

[^153]

Skopein-to see $\{$ scop, -scope, -scopy\}
Skopos - watcher, mark, end, aim \{scop\}
Skeptesthai - to examine, consider \{scept\}


Soma, somatos - body \{somato-\}
${ }^{1} V i a \operatorname{Gree} k$ episkopos, 'overseer;' note the consonant shift from the first ' p ' of the Greek to the ' b ' of bishop. ${ }^{2}$ See note 1, p. 456.

```
                        Sophia-gk
                    Sisyphus }\mp@subsup{}{}{1
                            sophiology-r
                            Sophie Sophists-\Phi
                            Sophia Sophocles-a
        philosophy }\mp@subsup{}{}{2}\mathrm{ philosopher-king-Ф sophomania
        philosopher pseudosoph-gk deipnosophy
        philosophical pansophy-gk philosophaster
        philosophically misosophist-gk philosophunculist
sophisticated d}\mp@subsup{}{}{3}\mathrm{ philosophize sophist sophrosyne-gk philophilosophos
    sophistication sophistry gymnosophy-gk sophophobia
            sophomore }\mp@subsup{}{}{4}\mathrm{ sophism }\mp@subsup{}{}{5}\mathrm{ theosophy-Ф sophianic
                sophisticate (v.) sophomoric gastrosoph-gs
                    philosophic sophistic Sisyphean-gk
                unsophisticated sophisticate (n.) psilosopher-gk
                sophisticatedly philosophicopsychological-gk
                    unsophisticatedly sopho-spagyric-gk
                    Sophie's World-Ф
                                    Hagia Sophia
```

                                    Sophos-wise, clever
                                    sphere
                                    spherical
                hemisphere sphere of influence spherand-CH
                hemispheric atmospherium-gk
                Eastern Hemisphere sphery-gk
            Western Hemisphere sphairistic spherule-gk
                hemispherical spheroid stratospheric troposphere-mt
            atmosphere \({ }^{6}\) aspherical sphere (v.) stratosphere-mt
                        atmospheric exosphere-mt
                Southern Hemisphere thermosphere-mt
                Northern Hemisphere ionosphere-mt
                mesosphere-mt
                bathysphere-s
                    geosphere-g
                    ecosphere-B
                    biosphere-B
                    biospherian-s
                    lithosphere-g
                    hydrosphere-gk
                    spheroplast-BCM
                    ergosphere-PH
                    spheromancy-gk
                    spherical angle-M
                    spherical geometry-M
                    spherical aberration-s
            spherical trigonometry-M
            atmospheric pressure-mt
    $$
\text { Sphaira - ball \{spher\} }
$$

[^154]

Stellein - to set in order, arrange, send, put, place \{stal, stl, stol\} Epistole-letter, message ${ }^{2}$ \{epistl\}

Stenoderma-Bz
stenographer-gk stenotype-gk
stenography-gk stenosis-md stenocoriasis stenographic-gk stenotopic-B
stenohaline-B
stenothermic-B
stenophlepsia-md stenocardia-md stenophobia-PS
Stenopelix-p stenotope-B
Stenotholus-p stenobathic-B
Stenonychosaurus-p stenophagous-B
esophageal stenosis-md
Stenos - narrow \{steno-\}
${ }^{1}$ 'Seed' is scattered when planted. ${ }^{2}$ Correspondence 'sent forth.'

```
                    steroid-BCM
                            steroidogenesis-BCM
                            anabolic steroid-BCM/sp
                            progesterone-BCM/md
                            androsterone-BCM
                        sterol-BCM
                            stereology-s
                            mycosterol-BCM
                            phytosterol-BCM
                            zoosterol-BCM
            marine sterol-BCM ergosterol-BCM
            stereotomy-gk phytosterol-BCM
            stereo }\mp@subsup{}{}{1}\mathrm{ stereoplasm-BCM
            stereo system stereoisomer-CH
                    stereolithography-s
                    steroid}\mp@subsup{}{}{2}\quad\mathrm{ stereochemistry-CH
        cholesterol }\mp@subsup{}{}{3
                            stere-s
good cholesterol stereotype }\mp@subsup{}{}{5}(\textrm{n}.)\mathrm{ ) stereobate-at
    bad cholesterol stereotype (v.) stereotypy-PS/md
    testosterone }\mp@subsup{}{}{4}\mathrm{ stereotyped stereotaxis-md/B
        steroid abuse stereotypical stereoscope-s
            stereotypically stereopticon-s
            stereophonic-s stereoregular-CH
                    roid rage-md
                        stereoscopic-s
            stigmasterol-BCM tachysterol-BCM
    autostereogram-s astereognosis-md panstereorama-gk
        stereomicrometer-s stereospondylous-Bz
            Stereos - solid {stereo-}
                        Stheno-my
                            sthene-PH
                    Sthenelus-my
                            sthenia-gk/md
calisthenics}\mp@subsup{}{}{6}\mathrm{ sthenic-gk/md sthenobulia
                    asthenia-md
            cardiasthenia-md
                hyposthenia-md
                        Menestheus-my
            myasthenia-md anisosthenic-s
            neurasthenia-md encephalasthenia-md
            hypersthene-mn psychasthenia-PS
                    neurasthenic-md
                    zymosthenic-BCM
                    thrombosthenin-BCM
                    myasthenia gravis-md
```


## Sthenos-strength

${ }^{1}$ A shortened form of 'stereophonic,' which refers to a sound system that gives a 'solid,' or more natural sound. ${ }^{2}$ There are 'solid' alcohol groups present in the chemistry of steroids. ${ }^{3}$ See note 3, p. 453. ${ }^{4} \mathrm{~A}$ 'steroid' hormone; see note 2 . ${ }^{5}$ Etymologically a 'solid impression;' some cultural stereotypes are very difficult to overcome because they have been formed so 'solidly.' ${ }^{6}$ Exercises that produce 'beauty' and 'strength.'

```
                    stichos-r/gk stich-LE
                    hemistich-LE
    tetrastich-LE acrostic-gk
    distich-LE stichometry-gk
                                    stichomancy-gk
                                    telestich-LE
            cadastre-gk stichic-LE stichology
            pentastich-LE stichidium-Bb stichomancy
            stichometry-LE stichochrome-md
                stichomythia-LE
                                    monostich-LE
                    elegiac distich-LE
                    Stichos - verse, line, row {sticho-}
                            tiger stigma-B
                            tigress stigmata-r stigmergy-Bz
            tiger lily stigmatism-md stigmaria-g
            instigate stigma stigmatiferous-Bb stigmatic-r
    instigative stigmatize astigmatism-md stigmatology
            instigator stigmatized stigmeology-gk
            instigation stigmatiform-B
                    liger-gk
                    stigmatypy-gk
                            anastigmatic-md
                            stigmasterol-BCM
            Stizein - to mark, pierce, tattoo, prick
            Stigma, stigmatos - mark, brand, tattoo-mark
                Tigris-tiger }\mp@subsup{}{}{1
Instigo, instigare, instigavi, instigatum (Lat.) - to impel, incite to anger, rouse }\mp@subsup{}{}{\mathbf{2}
                                    stoma-B/an
                            stomach (n.) monostomatous-Bz
            stomach (v.) stomatology-md ozostomia
stomached Selachostomi-Bz saprostomous
    upset stomach stomach worm-vt
            stomachache xerostomia-md
stomach pump peristome-B stomatitis-md
                    cyclostomate-Bz stomate-Bb
                        anastomosis-gk
                        cyclostome-Bz
                    stomacher-fs
                        stomodeum-B
                            colostomy-md
                        Merostomata-Bz
                        Stomatopoda-Bz
                Gnathostomata-Bz
```

Stoma, stomatos - mouth
Stomachos - gullet, throat, opening ${ }^{3}$
${ }^{1} \mathrm{~A}$ tiger's stripes are very distinctive 'markings.' ${ }^{2}$ 'Goaded' or 'pricked' to anger. ${ }^{3}$ This refers to the opening of certain internal organs, such as the 'stomach;' the word later came to refer to the 'stomach' itself.

```
strophoid-M
strophulus-md
strapped strophanthin-md/BCM
strapping (n.) strophe-LE streptozoticin-md
strap (v.) streptodornase-md/BCM streptokinase-md/BCM
strap \(^{1}\) (n.) catastrophism-g/gk streptothricin-md
catastrophe \({ }^{4}\) streptococcus-B/md
catastrophic geostrophic-s
catastrophically strapping \({ }^{5}\) (adj.) apostrophe \({ }^{6}\) boustrophedon-LE
strep \({ }^{2}\) throat strapper apostrophize antistrophe-LE strephographia
apostrophe \({ }^{3}\) anastrophe-LE
strop (n.) epistrophe-LE
strop (v.) systrophe-LE/B
stropping streptomycin-md
stropped diastrophism-g
strapless straphang-gk
strapwork-a/gk
straphanger-gk
streptonigrin-md
strephosymbolia-PS
alloeostrophe-LE
streptovaricin-md
streptobacillus-B/md
```


## Strephein - to turn, twist, twine \{strap, strop, stroph\} Streptos-twined, wreathed $\{$ strepto- $\}$

| styloid-an | hexastyle-at | amphiprostyle-at |
| :--- | :--- | :--- |
| stylolite-g | hypostyle-at | stylomastoid-an |
| epistyle-at | octastyle-at | stylostegium-Bb |
| astylar-at | peristyle-at | stylopharyngeal-an |
| stylite-gk | stylohyyl-an | amphistylar-at |
| prostyle-at | stylohyoid-an stylopodium-Bb | stylopharyngeus-an |
| stylobate-at | stylomaxillary-an |  |
| styore-Bb styloglossal-an | Stylommatophora-Bz |  |

$$
\text { Stylos - pillar \{stylo-\} }
$$

[^155]| stop | stopple-gk |
| :---: | :---: |
| stoplight | stop order-\$ |
| stopsign | stoppage |
| stopped | stop-and-go-gk |
| stoppable | stopover |$\quad$ stopcock-gk $\quad$ stop codon-BCM

Styppe - oakum ${ }^{1}$ \{stop\}


[^156]
## $\mathfrak{T}: \mathfrak{G r g r e k}^{\text {and }}$

tachyon-PH
tachometer-s
tachycardia-md
tachyotomy-md
tachyphylaxis-md tachysterol-BCM
tachistoscope-s tachylalia
tachydidaxy-ed $\quad$ tachograph-s tachylogia
tachysterol-BCM tachyarrythmia-md tachyphrasia
tachygraphy-gk/h tachyphagia
tachymeter-s
tachypnea-md

Tachys-swift
Tachos - speed $\{$ tacho- $\}$


Tassein - to arrange, put in order \{tact, tag, tax, taxi-, -taxis, taxo-\} Taktos - arranged, ordered \{tact\}

[^157]```
    TKO-sp
    techno-mu
    technics-gk
        technology biotechnology-s
        tech
        techie technetium-CH
        tekkie Technicolor-f/s
            high tech
        technological technocrat technostructure-gk
        technique }\mp@subsup{}{}{2}\mathrm{ technocracy polytechnic-ed
            technician tectonic technicolor-s
    technical (adj.) pantechnicon-gk mataeotechny
technically architectonics-at/\Phi/gk cacotechny
            technicality tectonic-at/g onomatechny
        technophobe tectonics-g/at chreotechnics
            technophile tectonism-g
            architect }\mp@subsup{}{}{1}\mathrm{ plate tectonics }\mp@subsup{}{}{3
            architecture technowizard-gk
            architectural zootechny-ag/gk
            architecturally techno-thriller-f
                        Technosaurus-p
                        technetronic-gk
                            technical foul-sp
            technobabble-gk techno-funk-mu
    technology transfer-gk techno-pop-mu
    techno-bhangra-mu techno-soul-mu
            techno-rock-mu
            biotecture-at
                zaitech-$
```

    Techne - skill, art, craft, system, method \(\{\) tech, techno- \(\}\)
    Tekton, tektonos - builder, worker, craftsman \{tect, tecton\}
${ }^{1}$ See note 1, p. 441. ${ }^{2}$ Kathy's woodworking technique is so fundamentally sound and 'skillfully' precise that it is a true 'art.' ${ }^{3}$ The geological theory of plate tectonics describes how the earth's crust, or lithosphere, is 'structured,' and what ramifications arise from that 'structuring.'

> telephone ${ }^{1}$ (n.) telephone (v.) telephone book digital telephone cellular telephone cordless telephone telephone booth telephone tag telegram (n.)
> telegram (v.)
> telegraph (n.)
> telegraph (v.)
> teleport telex-s teleportation telepathy-gk teleconference (n.) telephony-s teleconference (v.) telephotography-a/s telescope (n.) telescope (v.) telepath-gk televise telescopic telephoto-s television telephoto lens-s TV telly teletype-gk telecast telemetry-s telecommunicate telepheme-gk telecommunications telegnosis telecommute telekinesis-gk telecommuter telephanous
> telemarketing telestich-LE
> telemarketer telodynamic-s telethon teleprompter-gk
> televangelist telescopy-s televangelize teletheater-gk/sp
> teleteaching-ed telecottage-gk telerobot-s teleoperation-s telepresence-gk telefilm-f telesurgery-md telebanking-\$ teleshopping-\$
> Tele - far, far away, far off

```
toll gate telos-fl
tollhouse telic-gk
toll (n.) teleology- \(\Phi\)
tollbooth teleophobia-gk
toll bridge toll (v.) talismanic autotelic-LE apotelesm
toll free tolling talismans teleologism- \(\Phi\)
toll call talisman \({ }^{2}\) teleodont-Bz
telesis-gk
heterotelic-gk
telium-Bb entelechy- \(\Phi\)
teliospore- Bb telocentric- BCM
\begin{tabular}{ccc} 
Teleostomi- Bz & telomere-BCM & telophase-BCM \\
telotaxis-B \(\quad\) teleutospore-Bb & Teleosaurus-p & teleotemporal-an/Bz \\
teleozoon- Bz & The Talisman-LE & teleological explanation- \(\Phi\)
\end{tabular}
```

Telos - end, aim, result, completion, tax \{tal, telo-, toll\} Teleos - completed, perfected, accomplished \{teleo-\}

[^158]```
            tetrad-gk/B
            tetrapolis-gk
        tetraphony-mu tetrode-s
                        tesseract-M
                        tetrapod-gk/Bz
                        tetrameter-LE
                            tetra-Bz
                            trapezoid}\mp@subsup{}{}{2}\mathrm{ neon tetra-Bz
    trapeze }\mp@subsup{}{}{1}\mathrm{ tetrahedron tetragon-M tessaradecad-gk
        tetrahedral tetralogy-gk/md tessaraglot-gk
            trapeze artist Tetragrammaton-r
        tetrarch-ps tetracaine-md tetrachord-mu
            tessara-a tetracycline-md
    diatessaron-r/LE tetradymite-mn tetrahedrite-mn
            tetragram-gk tetraploid-BCM
                tetraskelion-gk
            tetrapyrrole-CH Tetrachordon-LE
    tetrabenazine-md tetrafunctional-CH tetrachoric-M
            Tetragonosaurus-p tetrapterous-B
                trapezium-M/an
                    Tetrabranchiata-Bz
                    tessaraphthong-lg
            tessaradecasyllabon-LE
            tetrachloroethylene-CH
            tetrabromobenzene-CH
            tetramethylbenzene-CH
            tetrahydrocannabinol-CH
                tetrachlorobenzoparadioxin-CH
                    Tetra-four {tetra-}
Thanatos-my/gk/PS
thanatopsis-gk Thanatopsis-LE
Athanasius-h Athanasian Creed-h/r thanatic euthanasia \({ }^{3}\) athanasia-gk thanatology-gk
tachythanatous-gk
thanatophobia-gk thanatosis-md
thanatism-Ф thanatography-gk Thanatophidia-Bz thanatorium-gk thanatomania-gk thanatophilia-gk thanatophoric-md thanatotyphus-md
```


## Thanatos - death \{thanas, thanato-\}

[^159]```
            Globe Theater
            Globe Theater
            Globe Theater
                            theater
        theatre theorem }\mp@subsup{}{}{1}\mathrm{ theater of the absurd-LE
    theatrical theory }\mp@subsup{}{}{2
    theatrics theorize
        theoretical
            theoretically
        theatrically theorist
theatergoer theoretic
    theatric Pythagorean theorem
                    Big Bang theory M-theory-PH
                        Bolshoi Theater-d
                        theater of cruelty-LE
                        theater of panic-LE
                                theater of silence-LE
                            theater-in-the-round-gk
                The Theory of Moral Sentiments-\Phi
                theatricalize-gk
                        theoretician-gk
                            quantum theory-PH
                            game theory-gk
                                    total theater-LE
                                    Roman amphitheater-at/h
        meatrics
```



```
Thea - a seeing, looking at, viewing Theatron - a place for seeing, theater \{theater\} Theoria \({ }^{3}\) - a looking at, observing, viewing
```

| theca-B gonotheca-Bz myxotheca- | Thecodontia-p |
| :---: | :---: |
| tick (n.)-gk | Thecophora-Bz |
| amphithecium- Bb discothèque | Thecosomata-Bz |
|  | thecitis-md |
| bodega-gk | Thecoglossae-Bz |
| boutique-gk | thecospore-Bb |
| cleistothecium-Bb | thecoma-md |
| endothecium-Bb | thecomedusa-Bz |
| perithecium- Bb | thecophore-Bb |
| apothecaries' measure-md mesotheca-Bz | gnathotheca-Bz |

## Theke - box, chest, receptacle, case, cover \{thec, theco-\}

[^160]

Ther - wild beast
${ }^{1}$ One is etymologically enthusiastic when 'God' or the 'divine' is 'within,' as if one has been 'inspired' or 'excited' from above. ${ }^{2}$ 'Gift of God.' ${ }^{3}$ 'Gift of God.' ${ }^{4}$ Honor to God.' ${ }^{5}$ Fanciful and subjective, but 'all beast' if so. ${ }^{6}$ This word's history began as a 'thick antidote for poison concocted primarily from vipers.'

| therapy |
| :---: |
| therapeutic |
| therapeutically | | therapeusis-md |
| :---: |

therapeutic abortion-md therapeutics-md

psychotherapy | therapeutic index-md group therapy-md |
| :---: |
| psychotherapist |
| therapist |
| occupational therapy-md |
| physical therapy cryotherapy-md |
| physical therapist aromatherapy-md |
| chemotherapy speech therapy-md |
| roentgenotherapy-md |
| Reiki therapy-md |

| cognitive therapy-PS |
| :---: |
| DMSO therapy-md |
| x-ray therapy-md |

Therapeuein - to treat medically, to heal \{therapeut\}
thermion-PH
thermistor-s
thermochemistry-CH
thermal pollution-B
thermos thermal neutron-PH
thermometer ${ }^{1}$ hypothermia therm-s
hyperthermia thermodynamics
thermal thermostat ${ }^{2}$ thermodynamic-PH
thermal jacket eurythermic-B
thermal underwear thermite-s
adiathermic-PH
thermosphere-mt
isotherm-mt
xerotherm-Bb
mesotherm-Bb
diathermic-md
mesothermal-g
hygrothermograph-mt
stenothermic-B Thermolactyl-fs
thermolysis-CH/md thermoform-s

Therme-heat \{thermo-\}

[^161]> Titanism-gk
> Titanotherium-p
> The Titanic titanic Titanic-my
> Titans titanium ${ }^{1}$ Ti Titaness-my
> titanic acid-CH Titanides-my Titania-LE/as
> titanium dioxide-CH
> Titanomachy-my titanous-CH titanite-mn
> Titanosaurus-p Titanic-f
> titanium oxide-CH
> titanaugite-mn
> titanomagnetite-mn
> titanomaghemite-mn
> Titan - Titan ${ }^{2}$ \{titano- $\}$
> diathesis-md/gr
> epenthesis-lg Thetis-my
> hypothetico-deductive method- $\Phi$ organic synthesis-CH mesothetic
> chemosynthesis-BCM hypothecate-1
> nucleosynthesis-as synthetic speech-md/s
> narcosynthesis-md synthetase-BCM
> thesis ${ }^{5}$ thesmothete-h treasure-trove-1
> parenthesis theses athetize-gk parentheses ${ }^{3}$ synthetic parenthesis metathesis-lg treasure (n.) synthetically parenthetical prothesis-lg theme hypothesis antithetical prosthesis-md thematic hypothetical anathematize hypothec-1 treasure (v.) hypothetically anathema ${ }^{9}$ antithesis-LE/Ф treasured hypothesize synthesizer-mu/gk treasure hunt thesaurus ${ }^{6}$ thetic-gk/LE treasurer synthesis ${ }^{7}$ Treasury bill-\$ treasure-trove synthesize ${ }^{7}$ Treasury bond- $\$$ treasury thesauri Treasury note-\$ synthetic division-M
> U.S. Treasury epithet ${ }^{8}$ hypothetical imperative- $\Phi$
> theme park antithesis tryptophan synthetase A-protein-BCM theme song photosynthesis thematize-gk/lg
> theme restaurant thesis novel-LE
> theme cruise thesis play-LE
> Theseus ${ }^{4}$ Treasure Island
> Tithenai-to put, place, set \{thes, thet\} Thesis - a putting, arranging Thema, thematos - proposition, plan or idea put forth Thesauros - treasure, a store laid up \{treasur\}

[^162]```
            atom }\mp@subsup{}{}{1}\mathrm{ subatomic particle atomic clock atomic number atomy
                    atomic AEC-gk amu-CH atomic weight
        atom bomb entomologist }\mp@subsup{}{}{3}\mathrm{ atomizer-gk atomism-Ф/gk atom smasher-PH
        anatomy }\mp@subsup{}{}{2}\mathrm{ tome diatom-Bb anatomically correct-md syntomy
            anatomical entomology tomophobia-gk tmesis-LE merotomize
temple contemplate }\mp@subsup{}{}{4}\mathrm{ dichotomy Bohr atom-PH Contemplations-LE
        tonsillectomy contemplation dichotomize Temple Mound-ah
            lobotomy contemplative atomistic tempietto-at
                appendectomy anatomist atomize Knights Templars-h
                atomically contemplatively anatomize Templar-h
                    atomic energy epitome }\mp@subsup{}{}{5}\mathrm{ hecatontome
                        epitomize tomecide-gk pogonotomy
                    bdellotomy-gk perissotomist
                    tonsure}\mp@subsup{}{}{6}-\textrm{gk}\mathrm{ tomelet
                        tonsorial-gk tomomania
                                    trichotomy-gk
                                    episiotomy-md
                                    hysterectomy-md
                                    vasectomy-md
                                    gastrectomy-md
                                    mastectomy-md
                                    mastoidectomy-md
                                    orchidectomy-md
                                    orchiectomy-md
                                    rhytidectomy-md
                                    anthropotomy-an
                                    salpingectomy-md
                                    logical atomism-\Phi
                                    An Anatomy of the World-LE
                                    Anatomy Lesson of Dr. Tulp-a
                                    The Anatomy of Melancholy-LE
                                    hepatectomy-md adenotomy-md
                                    clitoridectomy-md rumenotomy-vt
                lipectomy-md
                pleurotomy-md
                zootomy-Bz
        antiatom-PH
    frontal lobotomy-md
                                    autotomy-gk
                                omphalotomy-md
                                    peotomy-md
                                    phytotomy-Bb
                                    posthetomy-md
                    Temple of Zeus-at
                    Temple of Amon-Ra-at
                    Temple of Mars Ultor-at
                    Temple of Athena Nike-at
                    Temple of the Divine Trajan-at
                    Temple of the Olympian Zeus-at
                Temple of Jupiter Optimus Maximus-at
```


## Tomos - a cut, cutting, slice, section, part of a book \{-tomy $\}$

Temnein - to cut
Templum (Lat.) - temple, a place cut for auguries
${ }^{1}$ The ancients believed that an atom could 'not' be 'cut' since it was the smallest known particle of matter. ${ }^{2}$ In order to study the body, one must 'cut up' its parts to reveal them. ${ }^{3}$ An entomologist studies insects, which are 'cut into' sections; see note 2, p. 335. ${ }^{4}$ To contemplate originally meant to meditate or consider 'thoroughly' in a 'temple.' ${ }^{\text {sV }} \mathrm{Via}$ Latin epitome, 'summary;' a 'summary' is a concise 'cutting' from a larger work. An epitome today is also a 'representative' or 'characteristic cutting' of a group, e.g. Nancy was the epitome of what a great hairstylist should be. ${ }^{6} \mathrm{Via}$ Latin tonsus, 'sheared.'

```
                    tony-v
                    overtone-mu
                    dystonia-md
                            tonality-a/mu
                            tone language-lg
                        attune tone cluster-mu
                        attuned baritone
                            tone }\mp@subsup{}{}{1}\mathrm{ (n.) intone diatonic-mu
            untuned intonation oxytone-LE
            tune (v.) monotone (n.) pentatonic-mu
        tuner monotone (adj.) ton-fl toneme-lg
            piano tuner monotony myotonia-md
            tune (n.) monotonous tonometer-s/mu
            tuning fork monotonously atony-md/lg
                untune undertone tonoplast-BCM
            tone down tonic (n.) tenesmus-md
            tone (v.) tonic}\mp@subsup{}{}{7}\mathrm{ (adj.) anatase-mn toner-gk
        tone-deaf hypotenuse }\mp@subsup{}{}{8}\mathrm{ bronchiectasis-md tone color-mu
tonic }\mp@subsup{}{}{3}\mathrm{ water tonal tonic (adj.)-md/mu catatonia-md tone poem-mu
            tune up atonal entasis-at tonic accent-lg
tune-up toneless tuning head-mu twelve-tone-mu
            tune in epitasis-LE tendinous-an
                tune out neoteny-gk/Bz
                tuneful peritoneum-an
                tuneless protasis-gr/LE
            tendon }\mp@subsup{}{}{4}\mathrm{ syntonic-PS/s tonalism-mu/a
        Achilles tendinitis tunesmith-mu tone block-mu
            Achilles tendonitis tone dialling-s
                tendonitis telangiectasia-md
                tendinitis tuning machine-mu
            tendon of Achilles }\mp@subsup{}{}{5}\mathrm{ tuning system-mu
        tetanus}\mp@subsup{}{}{6}\mathrm{ touch-tone telephone-s
                        tetanus shot bon ton-fl
```

```
Tonos-a stretching, string, pitch, sound, tension \{tono-, tun\}
    Teinein - to stretch, stretch tight, strain, extend \{ten\}
        Tasis-a stretching, tension, intensity
            Tenon - sinew, tendon \(\{\) tend \(\}\)
```

[^163]```
                                    topos-LE
                                    toponym-gk
                            toponymy-gk/an
                            topology-gk/M/md/CS
    topic}\mp@subsup{}{}{1}\mathrm{ topography topiary-gk
topic sentence utopia}\mp@subsup{}{}{2}\mathrm{ Utopia topical (adj.) topical (n.)-md
        utopian }\mp@subsup{}{}{2
                            Utopia-LE
    dystopia topographical ectopic-md
        dystopian ectopia-md
        isotope }\mp@subsup{}{}{3}\mathrm{ antiutopia-gk
            heterotopy-md
                        stenotopic-B
        topomancy-gk topicalization-lg
    topolect-lg topotype-B toponomastic-gk
        toparchy-gk topoisomer-BCM
            topolatry-gk
            topopolitan-gk
                    subtopia-gk
                    topophobia-PS
            topoisomerase-BCM
            topical anesthesia-md
        topical anesthetic-md epitope-md anatopism
        ectopic pregnancy-md topesthesia
            chronotopia-a
            topological group-M
            topological space-M
            topographical poetry-LE
```

                    Topos - place \{topo-\}
    ${ }^{1}$ The topic of a paper etymologically 'places' the reader within the parameters of a particular subject. ${ }^{2}$ Etymologically 'no place;' 'nowhere' on Earth is utopian, or perfectly 'ideal.' ${ }^{3}$ Etymologically 'same place;' isotopes of a given element occupy the 'same place' in the periodic table.

```
            attorney }\mp@subsup{}{}{1}\mathrm{ contour (n.) tour de force-fl
            detour }\mp@subsup{}{}{2}\mathrm{ (n.) contour (v.) turnstile-gk
        detour (v.) contoured The Return of the Native-LE
        detouring entourage A Tour on the Prairies-LE
            detoured turncoat The Turn of the Screw-LE
            return (n.) The Return of the Druses-LE
                return 3}\mathrm{ (v.) attorn-1
            returnable (n.) attorney-at-law-1
                returned Attorney General-1
                    returning touring car-gk
                    tour (v.) tournedos-gs
                        tour4 (n.) turnkey-gk
                    tourist contour map-gk
                touristy contour line-gk
                touring turnbuckle-gk
            tourist trap heritage tourism-gk
                tournament }\mp@subsup{}{}{5}\mathrm{ ecotourism-gk
                    tourney (v.) urban tourism-gk
                    tourney (n.) business tourism-gk
                tourniquet grand tour-gk
                        turn (v.) turnover-sp
                        turn (n.)
                            turnpike turndown
                returnee turning point turnout
            in return turnover turntable
            turn away turn signal returnable (adj.)
                turn back nonreturnable
                    turnoff
                        turnabout
                        district attorney
                        turnaround turner
                apple turnover turning
            upturn upturned upturning
```


## Tornos ${ }^{7}$ - circle, turning-lathe, tool for drawing a circle \{tour, turn\}

[^164]```
            Roman tragedy-LE Classical Greek tragedy-LE
            Tragopogon-Bb tragedienne-gk/a
            Tragulus-Bz tragédie lyrique-mu
                    tragacanth-Bb/md
            tragic tragus-an tragion
                tragical Tragopan-Bz tragediac
                    tragically tragic flaw-LE
                    tragedy }\mp@subsup{}{}{1}\mathrm{ tragedian-gk/LE/a
                    tragic irony-LE
                    tragicomedy-LE
                        The Tragic Muse-LE
                        The Tragic Comedians-LE
                        An American Tragedy-LE
                        The Tragedy of Macbeth-LE
                        The Tragedy of King Lear-LE
                        The Tragedy of Coriolanus-LE
                The Tower Beyond Tragedy-LE
                The Tragedy of Julius Caesar-LE
                    The Tragedy of Titus Andronicus-LE
                    The Tragedy of Romeo and Juliet-LE
                The Tragedy of Antony and Cleopatra-LE
                The Tragedy of King Richard the Second-LE
                The Tragedy of Othello, the Moor of Venice-LE
                The Tragedy of Hamlet, Prince of Denmark-LE
Tragos - goat
```

syntrophy-B
dystrophy-md pogonotrophy


Trophe- nourishment, food \{tropho-, -trophy\}
${ }^{1}$ Etymologically 'goat song;' the highest form of drama for the ancient Greeks was tragedy, and many suggestions have been made as to the origin of 'goat song,' to wit: contests were often held to see which playwright could produce the best tragedy, the prize for the top one being a 'goat;' Greek tragedies included a chorus, members of which could have been dressed as 'satyrs' (half-men, half-goats); or a song was sung upon the sacrifice of a 'goat' (a suggestion which has the merit of containing the 'tragic' element of death which is found in most tragedies). ${ }^{2}$ The emaciated cat's muscles had atrophied as it had gone without nourishment' for two weeks. ${ }^{3}$ A degenerative disease of the muscles in which they appear to receive 'poor nourishment' which causes them to waste away, or 'atrophy.'

```
                Atropos-my
                tropism-B
            geotropism-Bb
                            plagiotropism-Bb
            trophy }\mp@subsup{}{}{1}\mathrm{ contrive }\mp@subsup{}{}{5}\mathrm{ trope }\mp@subsup{}{}{6}\mathrm{ rheotropism-B
        Tropics }\mp@subsup{}{}{2}\mathrm{ tropics
                            contrived entropy }\mp@subsup{}{}{7}\mathrm{ anatropous-Bb
            tropical retrieve entropic isotropic-PH
        tropical island retriever
    tropical paradise retrieval diageotropism-Bb idiotropic
                tropic of Capricorn trove troubadour-gk tropoclastics
                    tropic of Cancer contrivance trouvère-fl oikotropic
            golden retriever }\mp@subsup{}{}{3}\mathrm{ heliotrope tropophobia-PS koinotropy
                    labrador retriever plagiotropic-Bb
                    tropical fish dexiotropic-Bz
                    treasure-trove4 nyctitropism-Bb
                        subtropical ageotropic-Bb
                    tropic apotropaic-gk
                        tropical plant epitrope-LE
                        tropical storm myotropic-md
                    tropocollagen-BCM
                    Tropic of Cancer-LE
                            leiotropic-Bz tropology-LE/r
                Treponema-B phototropism-B amphitropous-an
        polytropic-gk/M/PH/as gonadotropic-md tropotaxis-B
                        syntropic-an atropine-md
                            trophotropism-B
                    chemotropism-B
                    Shannon entropy-PH
                        tropophilous-Bb tropomyosin-BCM
            tropopause-mt tropophyte-Bb thixotropy-s
flat-coated retriever-gk curly-coated retriever-gk Chesapeake Bay retriever-gk
            retrieve-sp treponematosis-md gonadotropin-md
                    gonadotropin-releasing hormone-md
                                    myotonia atrophica-md
                                    trophy wife-gk
                                    trouveur-gk
                                    extropy-so
```

$$
\begin{aligned}
& \text { Tropos - turn, direction, way, manner }\{\text { triev, triv }\} \\
& \text { Trepein - to turn }\{\text { trop }\} \\
& \text { Trope-a turn, change }\{\text {-tropic, -tropism, tropo-, -tropous, -tropy }\}
\end{aligned}
$$

[^165]```
                        typeface-gk
                        type genus-B
                            type locality-B/g
                            typology-gk ferrotype-a
                        type (v.) archetype }\mp@subsup{}{}{1}\mathrm{ (imbrel-mu
                            type }\mp@subsup{}{}{2}\mathrm{ (n.)archetypal tympanum-an/Bz/at
        typist stereotype (n.) tympanic membrane-an
            typical }\mp@subsup{}{}{3}\mathrm{ stereotype (v.) teletype-gk antitypy
            typically stereotyped timpany-mu zelotypia
        typescript stereotypical prototype }\mp@subsup{}{}{6}\mathrm{ timpanist-mu
            typed stereotypically timbre typeset-gk
            retyped atypical typographical error-gk
                        typo atypically typography-gk
                        typewriter typify typesite-ah
                        typewrite typified typecast-gk
                    typewriter logotype-gk
                    typewriting stenotype-gk
                    typewritten electrotype-s
                                tintype-a ecotype-B
                optotype-gk genotype-BCM tympanist-mu
            phenotype-B antetype-gk antitype-gk tympany-mu
            cyanotype-a hypotypic-gk subtypical-gk hypotyposis-LE
    stannotype-gk stereotypy-gk/Bz/md type A-PS type B-PS type C-B/vt
    type T-PS type 1 diabetes-md type 2 diabetes-md tympan-gk/at
tympanic bone-an tympanic cavity-an tympanites-md tympanitis-md
                        type 1 error-M type 2 error-M
```

                    Typos-blow, impression, form \{typo-\}
                    Tympanon \({ }^{7}\)-drum
    Tyrannosaurus Imperator-p
Tyrannick Love-LE
Nanotyrannus-p
tyrannosaurus $\quad$ tyrant misotyranny-gk
Tyrannosaurus Rex

tyrannical | tyranny $\quad$ tyrannicide-gk |
| :---: |
| tyrannous |
| tyrannically tyrannidae-Bz |
| tyrannis-h |
| tyrannize tyrant wren-Bz |
| tyrannizing |

## Tyrannos - absolute ruler ${ }^{9}$

[^166]
## キ: $\mathfrak{G r e d k}$

> Xanthus-my xanthomatosis-md xanthosiderite-mn xanthophyll-BCM
> xanthine-BCM xanthate-CH
> xanthoderma-md
> hypoxanthine-BCM xanthene-CH xanthodontous-Bz
> xanthopsia-md xanthan gum-BCM xanthoconite-mn xanthous-gk xanthoma-md xanthochroid-gk
> Xanthomelanoi-ap xanthic acid-CH xanthocyanopsia-md xanthogranulomatous-md

```
                xenon }\mp@subsup{}{}{1}\mathrm{ Xe xenodochy
                xenia-Bb proxenete
    Euxine-h/ge axenic-B xenomancy
            misoxeny-gk xenodocheionology
xenophobe misoxene-gk Xenopus-Bz xenagogy
    xenophile xenelasy-h xenoepist
            xenophobia xenial-h xenapistia
    euxenite-mn xenodiagnosis-md xenagogue
        xenobiotic-md/B xenogamy-Bb xenodochial
            philoxenist-gk xenoblast-mn
                xenolith-g xenomorphic-g
xenogenesis-B xenotransplantation-B/md/vt
            Xenotarsosaurus-p xenomania-gk
                    xenium-h
                xenogeneic-md
            pyroxene-mn xenoglossia-gk
                    xenotropic-B
                    xenotime-mn
                        xenology-gk
                    xenobiology-gk
            xenon tetrafluoride-CH
```

Xenos - stranger, foreigner, guest, host $\{$ xeno- $\}$
${ }^{1}$ Xenon was so named due to its scarcity; it is etymologically a 'stranger' among the elements.

```
                    Xeriscape-gk
                    xerophyte-Bb
                    xerox (n.)
                xerox (v.)
                    Xerox
                xeroderma-md
                Phylloxera-Bz
                    elixir xerarch-B
                        xeric-B
                            xerography-gk
xeromorphic-}\textrm{Bb}\mathrm{ xerophagy-gk/r xerophilous-B
    xerophthalmia-md xeroma-md xeroplastic-B
    xerosis-md xerostomia-md xerothermic-B
                    Xerus-Bz xerosere-B
                        xeroderma pigmentosum-md
                    Xeros-dry {xero-}
                    xylan-BCM
                    xylem xylene-CH
                            xyloid-gk
            xylophage-B xylopolist
            xylotomy-Bb xylocephalous
        xylophone }\mp@subsup{}{}{2}\quadxylography-gk/a xylophobia
        xylophonist xylopyrography-a xylomancy
                            xylology-Bb
                            xylophilous-B
                            leptoxylem-Bb
                xyloglyphy-a xylitol-CH
                xylorimba-mu xylose-CH
                    Xylon - wood {xylo-}
```

${ }^{1}$ Xeroxing is a trademark that refers to a 'xerographical' system whereby a 'dry' photocopying process produces reduplication of documents; this trademark should always be capitalized, but it has become so ingrained in the language that it is often used in lower case as both a noun and a verb. ${ }^{2}$ Etymologically 'sound from wood.'

## Z: $\mathfrak{G r e d}$

|  | jealous |  |
| :---: | :---: | :---: |
| jealousy |  |  |
| jealously | zeal |  |
| jealousness | zealous | zelotypia |
| zealously | Zealot-h | zelophobia |
|  | zealot |  |
|  | zealousness |  |
| zealotry |  |  |

## Zelos-ardor, eager rivalry, fierceness \{jeal, zeal\}

time zone $z^{1}{ }^{1}(\mathrm{n}$.<br>zone (v.) zonation zone out-v<br>zonal zonetime-n<br>zonary zonation-B<br>zoneless zona pellucida-B<br>zoned zone refining-s Torrid Zone-mt<br>climatic zone-mt<br>North Frigid Zone-mt<br>South Frigid Zone-mt<br>commercially zoned-gk<br>zonesthesia-gk<br>Temperate Zone-mt zonular-md<br>North Temperate Zone-mt Zonuridae-Bz<br>South Temperate Zone-mt<br>Zonaria-B<br>neutral zone-gk<br>intertidal zone-B

## Zone-girdle, belt

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## Zoon-animal, living being \{zoo-\}

zygon-an/h<br>zygomatic-an zygomatic arch-an zygote-BCM zygomorphic-B/gk<br>zygodactyl-Bz<br>azygous-md<br>zygophyte-Bbzygal-an<br>heterozygote- BCM zygosity- BCM<br>zygoma-an homozygote-BCM<br>zygomata-an zeugma ${ }^{1}$-LE<br>syzygy-as/LE<br>antisyzygy-gk<br>zygogenesis-B<br>zygospore-Bb<br>zygosis-B<br>enzygotic-B<br>azygophrenia-PS<br>zygomatic bone-an<br>zygomatic process-an<br>zygotene-BCM

> Zygon-yoke, pair \{zygo- $\}$
> Zygoun - to join
${ }^{1}$ Via Greek zeugma, 'bond;' a cognate of zygon via the Indo-European root yeug, 'to join,' which also gave the world the Sanskrit yogah, 'union,' from which English created 'yoga,' or that discipline by which the 'yogini' tries to rejoin her spiritual origins via achieving a state of inner serenity by quieting the pestiferous sem, or 'flea mind' (so called because our minds tend to jump around desultorily like 'fleas,' flittering about to the tune of about 60,000 random thoughts per day).

```
                    enzyme }\mp@subsup{}{}{1
                    enzymology-BCM
                            coenzyme-BCM
                    enzymatic-BCM
            zymurgy-CH proenzyme-BCM
    zymase-BCM lysozyme-BCM
zyme-md zymin-md
            abzyme-md
            zymogen-BCM
                zymology-CH
                            zymoplastic-CH
zymoscope-CH isoenzyme-BCM
zymosis-CH/md zymogram-s/BCM
            zymosthenic-BCM
                zymotic-CH/md
                zymometer-CH
        azymous-gk zymodeme-B
            ribozyme-BCM
                isoenzyme-BCM
            coenzyme Q-BCM
    abzyme-BCM zymolysis-CH
\[
\text { Zyme-leaven }{ }^{2}\{\text { zymo- }\}
\]
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[^168]
## Appendix I: Seedlings

Although the 'seedlings' do generate important derivatives, they are either insufficiently prolific to warrant a tree, or, in a few cases, have no black or green-level words. As in the trees, the derivatives are color-coded: List I contains primarily blacklevel derivatives, List II primarily green and violet. Many of these derivatives appear in trees as well due to having multiple roots. I have not attempted to make these lists exhaustive since the most prolific morphemes of the language have been fully illustrated in the trees. Stems are only indicated if the Latin or Greek spelling is identical to the English.

## List I: Blue, Black Derivatives

Adulor, adulari, adulatus sum-to fawn upon, flatter: adulation, adulate
Aenigma, aenigmatis-obscure saying, riddle: enigma, enigmatic
Aera-counters: era
Afer, Afri-an African: Afro-American, Afrocentric, Afrikaner-gk, Afrikaans-lg
Africa-Africa: Africa, African, African-American, Africanize, Africanism
Aigis (Gr.)—goat skin, skin shield: aegis
Aion (Gr.)—eternity: aeon, eon
Akone (Gr.)—whetstone: paragon
Alacer, alacris-quick, lively, eager: alacrity, alacritous
Algorismus-an eponym from ibn-Musa al-Khwarizmi: algorithm, algorism-M
Ancilla-slave girl: ancillary
Ancora-refuge, hope, support, anchor: anchor (n.), anchor (v.), anchorage
Angli-The English people: Anglo-American, Anglo, Anglophobe, Anglophile-gk, Anglophone-gk, Anglomania-gk, Anglo-Norman-h, Anglo-Catholic-r
Aquila-eagle: eagle, aquiline
Aro, arare-to plow: arable
Arduus-steep, difficult to reach: arduous, arduously, arduousness
Arguo, arguere-to find fault with, to reveal: argument, argue, argumentative, arguable, arguably, argumentation
Arktos (Gr.)—a bear: arctic, Antarctica, Arctic Circle, Arctic Ocean, Arcturus-as
Aroma, aromatos (Gr.) -any spice or sweet herb: aroma, aromatic
Asinus-donkey, ass: ass, asses, asinine
Asketes (Gr.)—hermit, monk: ascetic, asceticism
Asphyxia (Gr.)—stopping of the pulse: asphyxiate, asphyxiation, asphyxiated
Astutus-clever, cunning, sly: astute, astuteness
Asylon (Gr.)—sanctuary: asylum
Atlas (Gr.)-Titan who held up the world: atlas, Atlantic, Atlantean, atlas-an/at
Atmos (Gr.)—steam: atmosphere, atmospheric
Aura (Gr.)—breath, breeze: soar, soaring, aura
Auster, austri-south: Australia, Australian, Australoid-ap, Australopithecus-ap,
Austro-Hungarian-h, Austronesia-ge, Austro-Asiatic-lg
Austeros (Gr.)—harsh, rough, bitter: austere, austerity
Axis-pole, axle: axial, axis, Axis-ms
Balsamon (Gr.)—balsam tree: balm, balmy, embalm, balsam-Bb, balsamic vinegar-gs
Bastio, bastire-to build: bastion
Beccus-beak: beak, soubriquet, picosecond-s, picomole-CH, picowave-s, picoamp-s
Bombax, bombacis-cotton: bombastic, bombast, bombazine-fs
Botane (Gr.)—grass, fodder, plants: botany, botanist, botanical
Bronkhos (Gr.)-throat, windpipe: bronchitis, bronchial-an, bronchoscope-md, bronchopneumonia-md, bronchiectasis-md, tracheobronchial-an

Brucus-heather: brusque, brusqueness
Brutus-heavy, stupid, dull: brutal, brutality, brutalize, brutally, brutish, brute Burra-a shaggy garment: burgeon, burgeoning

Caerimonia-religious rite, observance: ceremony, ceremonious, ceremonial
Calamitas-disaster, injury: calamity, calamitous
Callum—hard skin: callous, callousness
Carina-keel, bottom of a ship: careen (v.)
Caseus-cheese: cheese, queso, cheesy, casein-BCM
Celebro, celebrare, celebravi, celebratum-to make widely known, honor: celebrate, celebrity, celebration, celebrator, celebrated (adj.), celebratory
Ceteri-the others, the rest: et cetera, etc.
Chamai (Gr.)-on the ground: chameleon, chameleonic
Chaos (Gr.)—infinite space, infinite darkness: chaos, chaotic, chaotically, chaology-PH
Charis (Gr.)—favor, gift: charisma, charismatic, charism-r
Chasma (Gr.)—a yawning hollow, gulf: chasm, chasmophyte-Bb, chasmogamy-Bb
Chimaira (Gr.)—fabulous mythical monster with the legs of a goat, tail of a snake or dragon, and head of a lion: Chimera, chimerical, chimera
Cilium—eyelid: supercilious, cilia, cilium, ciliate, Ciliata-B
Cinis, cineris-ash: incinerate, incineration, incinerated, cinerin- CH , cineraria- Bb , cinerarium-gk
Clam-secretly, stealthily: clandestine, clandestinely
Clavo, clavare-to nail: cloy, cloying, cloyingly
Cliens, clientis-client, dependent: clientele, client
Conniveo, connivere-to close the eyes, blink: connive, conniving, connivance, connivance-1
Consul—highest Roman magistrate, consul: consular, consulate, proconsul-h/ps
Consulo, consulere, consului, consultum-to deliberate, consider, reflect: counselor, consult, consultation, counsel
Crastinus-of tomorrow, of the next day: procrastinate, procrastination
Crispus-curly: crisp, crisply, crispate-Bb, crepe-gs
Culter-knife: cutlery, cutlass, cutler-gk
Cuprum-copper (metal from Cyprus): copper, copperhead, coppersmith, Cu , copper sulfate-CH, cupric-CH, cuprous-CH, cupreous-gk, cupriferous-gk/mn, cuprite-mn, cupromagnesite-mn
Cuspis-point, point of a spear: cusp, cuspid-dt, bicuspid-dt, cuspidate- Bb
Custudio, custodire-to guard: custody, custodial

Debilis-weak: debilitate, debility, debilitated, debilitating
Deliro, delirare-to be crazy, be deranged: delirious, delirium, deliriousness
Delta (Gr.)—fourth letter of the Greek alphabet ( $\Delta$ ): delta, deltoid-an
Despotes (Gr.)-lord, master, absolute ruler: despot, despotic, despotism
Deterior-less desirable, worse: deteriorate, deterioration
Diaeta-way of living: diet (n.), diet (v.), dietary, dietetic, dietetics-s
Dike (Gr.)—custom, usage, law: syndicate (v.), syndicated, syndicate (n.), syndication, syndic, syndicalism-ps
Dirus-awful, dreadful, abominable: dire, direful, direfully
Dissipo, dissipare, dissipavi, dissipatum-to squander, scatter wastefully: dissipated, dissipation, dissipate

Egeo, egere-to be needy, want for: indigent, indigence
Eironeia (Gr.)—dissimulation, assumed ignorance: irony, ironic, ironically
Elastos (Gr.)—ductile, beaten: elastic, elasticity, elastomer-CH
Elegos (Gr.)—mournful song: elegy, elegiac
Epos (Gr.)—song, word, poetry: epic, epically

Esotero (Gr.)—more within, interior: esoteric, esoterically
Etymon (Gr.)—true sense of a word: etymology, etymological, etymologist, etymon-lg,
Europe (Gr.)—abducted Phoenician princess, carried over what is now the continent of
'Europe' by Zeus in the shape of a bull: Europe, European (n.), European (adj.), euro, Eurocentric, Europa-my, Eurostar-gk
Excello, excellere, excellui, excelsum-to stand up prominently, distinguish oneself, be eminent: excellent, excellence, excel, excelling, par excellence, excelsior-gk
Exilium—enforced removal: exile, exiled, exilic
Facetus-witty, humorous: facetious
Faluppa ${ }^{1}$-husk, outer covering: envelope, develop, envelop, development, developer, envelopment
Fames-hunger: famine, famish, famished
Farcio, farcire, farsi, farctum-to stuff, cram: farce, farcical, infarct-md, myocardial infarction-md
Fascinum-a bewitching, charm: fascinate, fascination, fascinating
Fauces-entranceway, throat: suffocate, suffocation, fauces-an, faucal-an
Faunus-a rustic god, Pan: fauna, faun
Feles-cat: feline, felid-gk
Ferio, ferire-to strike, hit: interfere, interference, interference pattern-PH
Fibra-filament, fine thread: fiber, fibrous, fibrin-BCM, fibril-an, microfiber-s, cystic fibrosis-md
Filtrum-filter, piece of felt: filter (n.), filter (v.), filtrate, filtration, infiltrate, infiltrator, infiltration, filtrator
Fimbria-border, edge: fringe, fringed
Flasco-container, cask: flask, fiasco, flagon-gk
Fons, fontis-fountain: fountain, fountain pen, font, fountainhead
Formido, formidare-to dread, to be greatly afraid: formidable, formidableness, formidably
Foro, forare, foravi, foratum-to bore through, pierce: perforate, perforation
Fragro, fragrare-to emit a scent: fragrant, fragrance, flair, fragrance strip-gk
Francus-a Frank: France, frank (adj.), Francophobe, Frank-h, Frankish-h, Francophile-gk, Francophone-gk, lingua franca-fl, frank (v.)-gk, frank (n.)-gk
Fraus, fraudis-trick: fraud, defraud, fraudulent, cyberfraud
Frico, fricare, fricui, frictum (fricatum)-to rub: fray, frayed, friction, frictional, fricative-lg
Frivolus-trifling, worthless: frivolous, frivolity, frivolously
Frustra-in vain: frustrate, frustrating, frustration
Fuscus-dark: obfuscate, obfuscation
Gamma ut-medieval musical notes ${ }^{2}$ : gamut
Garrio, garrire-to chatter, blab: garrulous, garrulity
Gigas, gigantos (Gk.)—giant: giant, gigantic, giantess, gigantesque, gigabyte-CS, gigaton-s, gigahertz-s, gigawatt-s, giganotosaurus-p
Graecus-Greek: Greek, Greece, Greek mythology, Grecian, Grecism-gk, Greco-Roman-gk, Graeco-Roman-gk, Greek fire-h/ms, Greek Orthodox-r, Greek revival-at

Hallucinor, hallucinari, hallucinatus sum-to wander in the mind: hallucination, hallucinate, hallucinatory, hallucinogen-gk
Halos (Gr.)—disk: halo
Haurio, haurire, hausi, haustum-to drain: inexhaustible, exhaust, exhausted, exhaustive, exhaustiveness
${ }^{1}$ Via French voloper, 'to wrap up.' ${ }^{2}$ From the beginning to the end of the scale.

Heracles ${ }^{1}$ (Gr.)/Hercules (Lat.)—strongest Greek hero: Hercules, Heracles, Herculean, herculean, Herculaneum-h
Hispania-Spain: Hispanic (adj.), Hispanic (n.), Spain, spaniel, cocker spaniel, Spaniard, Spanish, Hispanic American, Spanish American, Hispanophobe, Spanglish-gk/lg, Hispanophile-gk, Hispaniola-ge, Hispano-gk, spaniel-gk, Spanish-American War-h, Spanish Main-h, Spanish rice-gs, Spanish moss-Bb
Hopla (Gr.)—arms, armor: panoply, hoplite-ms/h
Hostis-enemy: hostile, hostility
Hubris (Gr.)—wanton violence, outrage, insolence: hubris, hubristic
Hygieinos (Gr.)—healthful: hygiene, hygienic, Hygeia-my
Hymnos (Gr.)—song of praise: hymn, hymnal-r, hymnody-mu/r, Polyhymnia-my
Hystera (Gr.)—uterus, womb: hysteria ${ }^{2}$, hysterical, hysterically, hysterics, hysterectomy-md, hysterotomy-md

Imbuo, imbuere-to steep, soak, saturate: imbue, imbued
India (Gr.)—India: Indian (n.), Indian (adj.), Indonesia, India, Indonesian, Indian Summer, Indiana, Indianapolis, Indian corn, Indian Ocean, Indian Territory, indigo, indigo bunting- Bz , indigotin- CH , Indo-European-lg, Indo-Iranian-lg, Indochina-ge, Indo-Hittite-lg, West Indies-ge, East Indies-ge, Dutch East India Company-h
Indulgeo, indulgere-to be lenient, accede: indulge, indulgent, indulgence
Infestus-dangerous, threatening: infest, infestation, infested
Innuo, innuere-to nod to: innuendo
Interpretor, interpretari, interpretatus sum-to explain: interpretation, interpreter, interpret, misinterpretation, misinterpret, interpretability, interpretive, Copenhagen interpretation-PH
Iota (Gr.)—ninth letter of the Greek alphabet (I): iota, jot (n.), jot (v.)
Kalyptein (Gr.)—to conceal, cover: apocalypse, apocalyptic
Katharos (Gr.)—pure, clean: Kathy, Cathy, Kathleen, Cathleen, catharsis, cathartic, Cathar-r
Kentauros (Gr.)—half man, half horse: centaur, centauress, Centaurus-as, Alpha Centauri-as, ichthyocentaur-my
Kiste (Gr.)—box, basket: cistern
Kithara (Gr.)-lyre, lute: guitar, guitarist, guitarfish-Bz
Klan (Gr.)—to break; -klastes—breaker; klasis—breaking: iconoclast, iconoclastic, iconoclasm, pyroclastic-g, proteoclastic-BCM, plagioclase-g, trichoclasia-md
Kolla (Gr.)—glue: protocol, colloid-CH/md, collodion-CH, collenchyma-Bb
Kolon (Gr.)—limb, unit of a sentence: colon, semicolon, colon-LE, cola-LE
Kolossos (Gr.)—huge statue: Colosseum, coliseum, colossal, colossus, Colossus of Rhodes-h
Kolpos (Gr.)—bosom, fold: Gulf of Mexico, Gulf Stream, gulf, engulf, engulfed, Gulf States-ge, Persian Gulf War-ms/h, Gulf War Syndrome-md, gulf (v.)
Kokkos (Gr.)—seed, berry: cocoon (n.), cocoon (v.), cocooning
Koma, komatos (Gr.)-deep sleep: comatose, coma
Koptein (Gr.)—to chop off, strike; komma-piece cut off: comma, comma splice, comma fault, syncopate, syncopated, syncopation, syncope-gr/md
Krasis (Gr.)—a mixing: idiosyncrasy, idiosyncratic,
Krater (Gr.)—large bowl: crater (n.), crater (v.)
Kubos (Gr.)—cube: cube (n.), cube (v.), cubic, cubical, cubism-a
Kudos (Gr.)—renown, glory: kudos
Kybernan (Gr.)—to govern: cybercrime, cyberspace, cyberfraud, cybernetics, cyberterrorist, cybersquatter, cyberculture, cyborg-gk, cyberpunk-LE
${ }^{1}$ 'Glory of Hera.' ${ }^{2}$ Physicians once believed that a woman's womb could engender 'extreme excitability' or 'emotional overflow.'

Labyrinthos (Gr.)—maze: labyrinthine, labyrinth
Lacero, lacerare, laceravi, laceratum-to tear to pieces: lacerate, laceration, lacerated
Lakon (Gr.)—a Spartan: laconic, laconically
Lamentor, lamentari, lamentatus sum-to bewail: lament, lamentable, lamentation
Lamina-thin sheet of any substance/lamella-small thin plate: laminate, lamination, lamina-B/g/gk/an, lamella-B/an, lamellibranch-Bz, lamellicorn-Bz, laminiplantar-Bz, laminectomy-md, laminitis-vt
Lancea-a light spear: launch (n.), launch (v.), lance (n.), lance (v.), lancet-md/at
Larva-specter, mask: larva, larvae, larval
Larynx, laryngos (Gr.)—larynx, voice box: larynx, laryngitis, larynges-an, laryngeal-an/lg, laryngology-md, otolaryngology-md, laryngectomy-md, laryngopharynx-an
Lentus-tenacious, clinging, sticky: relent, relenting, unrelenting, relentless, relentlessly
Lethe (Gr.)—forgetfulness: lethargy, lethargic, lethargically
Limbus-hem, fringe: limbo
Limpidus-clear: limpid
Lis, litis-lawsuit, action at law: litigious, litigation
Liveo, livere-to be bluish, be envious: lavender, livid, lividity, lavendulan-mn
Luridus-sallow, wan, ghastly: lurid, luridly
Maccabaeus-Maccabee: macabre
Macio, maciare, maciavi, maciatum-to make thin/Macer-lean, skinny: emaciate, emaciated, emaciation, meager, meagerly, meagre, meagerness
Maiandros (Gr.)—a winding river in Phrygia: meander, meandering
Malagma (Gr.)—soft mass: amalgamate, amalgamation, amalgamative, amalgam
Mano, manare, manavi, manatum-to stream, spread: emanate, emanation
Mars, Martis-Roman god of war: Mars, March ${ }^{1}$, Mardi Gras, Martes, martial, martial law
Matuta-Roman goddess of the dawn: matinee, matins-r, matutinal-gk
Merus-pure, unmixed: mere, merely
Meticulosus-timid, fearful: meticulous, meticulousness, meticulously
Mitis-soft, mellow, mild: mitigate, mitigated, mitigation
Mitos (Gr.)—warp thread: mitosis, mitochondria-BCM, mitogen-BCM
Moneta-coin, money, the mint: money, mint, monetary, monetarily, monetarism-\$
Mortarium-a bowl in which materials are pounded: mortar
Munio, munire, munivi, munitum-to defend, ward off: ammunition, ammo, munition, munitions, muniments-1/gk
Mutilo, mutilare, mutilavi, mutilatum-to maim, cut off, lop off: mutilate, mutilation
Mutus-speechless, dumb: mute (adj.), mute (n.), mute (v.), muted
Myrios (Gr.)—countless: myriad, myrianthous-Bb, myriapod-Bz
Nefas-sacrilege, crime, wicked deed: nefarious, nefariousness
Nitidus-clean, shining, spotles: neat, neatly, neatness, net (adj.)
Nostos (Gr.)—a return home: nostalgia, nostalgic
Nudus-unclothed, bare: nude, nudity, denude
Obscenus-filthy, indecent, lewd: obscene, obscenity
Odysseus (Gr.)—Odysseus, hero of The Odyssey: odyssey
Olympia (Gr.)—Olympia, site of the original Olympic games: Olympics, Olympian
Opacus-darkened, dark, in the shade: opaque, opacity
Opinor, opinari, opinatus sum-to think, suppose, imagine: opinion, opinionated, opinionative, opine
${ }^{1}$ Roman military campaigns began in March when winter broke.

Orchestra (Gr.)—place between the stage and audience where the theatrical chorus danced: orchestra, orchestrate, orchestration, orchestrated, orchestral, orchestrion-mu
Ovo, ovare, ovavi, ovatum-to rejoice, exult: ovation
Palatum-sense of taste: palatable, palate, unpalatable
Pantex, panticis-the belly, guts: paunch
Papilio, papilionis-butterfly, tent: pavilion, papilionaceous-Bb, papillon-Bz, papillote-gs, papillo- Bz , papilionine- Bz
Parco, parcere, peperci, parsum-to spare: parsimony, parsimonious
Pavio, pavire, pavi, pavitum-to tamp, tread down/pavimentum-floor: pavement, pave, paving (n.)
Pauci-few: paucity, paucidentate-Bz, pauciarticulate-B, pauciflorous-Bb, paucifoliate- Bb , paucipinnate- Bb , paucinervate -Bb , pauciradiate- B , pauciloquent, paucify
Phoinix (Gr.)—a lone mythical bird that immolated itself every 500 years and arose again from its own ashes: phoenix
Pinso, pinsere, pinsi, pistum-to beat, pound: piston, pestle, pistil-Bb
Pittitus-tiny, small: petite, petty, pettiness, petit four-gs, petit-1, petit jury-1
Pix, picis-vegetable pitch: pitch, pitchy
Plagiarius—kidnapper: plagiarism, plagiarist, plagiarize, plagiarizing
Plebs-the common people: plebs, plebeian, plebiscite, plebicolist-ps, plebiscitum-h, plebania-gk, plebbish-v, plebe-ms
Pluma-feather, down: plume, plumage, nom de plume
Polein (Gr.)—to sell: monopoly, monopolize, monopolist, oligopoly-\$, duopoly-ps/\$
Pollen, pollinis-fine flour: pollen, pollinate, pollination, cross-pollination, cross-pollinate
Pompa-celebratory procession, ostentation: pomp, pompous, pomposity, pompousness
Postis-a door-post, jamb: post, poster, sign-post, guidepost
Postulo, postulare, postulavi, postulatum-to demand, request: postulate (v.), postulate (n.), postulated, postulation, expostulate, expostulation
Pravus-evil: depraved (adj.), depravity, deprave
Prisma, prismatos (Gr.)—thing sawed off: prism, prismatic, prismoid-M, prismatoid-M
Pronus-leaning forward: prone, pronate-md
Provincia-province, subject territory: province, provincial, provincialism, provincially, Provençal-lg/h, Provence-h, provinciality-B, provincialist-gk
Psallein (Gr.)—to play the harp/psalmos (Gr.)—song accompanied by the harp: psalm, psalmist, psalmody-mu/r, psalter-r, psaltery-mu
Pubes, puberis-of ripe age, adult: puberty, pubertal, pubescent, prepubescent-gk
Pulcher, pulchra, pulchrum-beautiful: pulchritude, pulchritudinous
Pulpa-fleshy part of a fruit or body: pulp (n.), pulp (v.), pulpy, pulpwood-gk
Pulpitum-stage: pulpit
Pulvis, pulveris-dust, powder: powder, powdery, powdered, pulverize, pulverized
Pupa-girl, doll/Pupus-boy, child: puppy, pup, pupil, puppet, pupa, puppeteer, poppet-n/gk
Puteus-a well: pit, armpit, pitfall, puteal-h
Rabio, rabere-to rave, be mad: rabies, enrage, enraged, rage (v.), rage (n.), rabid, raging, road rage-gk, roid rage-md
Ranceo, rancere-to be rotten, stink/Rancidus-nauseating: rancid, rancidness, rancidity, rancor, rancorous
Raucus-harsh, hoarse: raucous, raucously, raucousness
Recens, recentis-newly arrived, modern: recently, recentness, recent
Reciprocus-moving back and forth, alternating: reciprocal, reciprocity, reciprocate, reciprocation

Rhetor (Gr.)—public speaker: rhetoric, rhetorical, rhetorically, rhetorician
Rigo, rigare, rigavi, rigatum-to provide with a supply of water: irrigate, irrigation
Ritus-religious ceremony or usage: rite, ritual, ritualistic, ritually, ritualistically
Ruo, ruere-to rush, tumble down/ruina-headlong rush, collapse: ruin (n.), ruin (v.), ruinous, ruination, ruinate

Sagax, sagacis-of keen perception: sagacious, sagacity
Sagio, sagire-to perceive keenly: presage (n.), presage (v.), presaged
Saliva-taste, spittle, appetite: saliva, salivate, salivating, salivary
Satelles, satellitis-attendant, member of a retinue: satellite, satellite DNA-BCM
Scamillum-low stool: shambles, shamble, a shambles
Sceptrum—regal staff: scepter, sceptre
Scrinium-a case or box for keeping papers: shrine, enshrine, enshrined
Scrupulus-a worry, headache, source of uneasiness: scruple, scrupulous, scruples, scrupulously, unscrupulous, unscrupulously
Scrutor, scrutari, scrutatus sum-to probe, examine/scrutinium-search, investigation: scrutinize, scrutiny, inscrutable
Scurra-jester, buffoon: scurrilous, scurrility
Semel—once: simple, simplicity, simpleton, simplistic, simplification, oversimplification, oversimplify
Semita-path, track: zenith
Septos (Gr.)—rotten/sepsis-putrefaction: septic, antiseptic, sepsis-md, septicemia-md, septic tank-gk, pyosepticemia-md
Sera-door-bar, bolt: serried, seraglio-gk
Serenus-clear, tranquil, unruffled: serene, serenity, serenade (n.), serenade (v.)
Serius-grave, earnest: serious, seriously, seriousness, seriocomic-gk
Serpens, serpentis-snake: serpent, serpentine
Serra-saw: sierra, serrated, serrate-Bb/gk, Sierra Nevada-ge
Sexus-gender: sex, sexuality, asexual, homosexual, bisexual, heterosexual, sexy, sexism, sex symbol
Sileo, silere-to be hushed or still: silence, silent, silently
Silex, silicis-hard stone, flint: silicon, Si, silica, silicosis-md, borosilicate-CH, Silicon Valley-gk, silicon chip-CS, silicone-gk/CH, silicosis-md
Sinister, sinistra, sinistrum-on the left side, left, harmful: sinister, sinistral-B, sinistrorse- $\mathrm{BCM} / \mathrm{Bb}$
Siphon (Gr.)—tube, pipe: siphon (n.), siphon (v.), siphonostele-Bb, siphonophore-B
Sitos (Gr.)—food: parasite, parasitic, parasitism, parasitosis-md, parasitology-md, sitology-s, sitosterol-BCM, sitiomania-gk, sitiophobia-gk
Skalenos (Gr.)—uneven: scalene triangle
Solium—seat: soil (n.), topsoil, subsoil, insole-gk
Sordidus-dirty, shabby, mean, vile: sordid, sordidly, sordidness
Sparta (Gr.)-Sparta, a city-state of people known for their self-restraint and selfdiscipline: spartan ${ }^{1}$, spartanism
Spica-point, top: spike (n.), spike (v.), spiked, spiculum-B, spicule-B
Spina-thorn, backbone: spine, spiny, spinal, spinal column, porcupine, spineless, spinescent- Bb , spinifex- Bb , spina bifida-md
Spolium—booty, pillage: spoils, despoil, unspoiled, spoil, spoiler, spoilage, spoiled
Spongos (Gr.)-sponge: sponge, spongy, sponge cake, spongiocyte-BCM, spongioblast-BCM, spongocoel-Bz
Spurius-illegitimate, false: spurious, spuriously
Squaleo, squalere-to be filthy or unkempt: squalid, squalor
Stamen, staminis—thread: stamen, stamina, stamina-Bb, staminody-Bb, staminate- Bb
${ }^{1}$ A good synonym of spartan is 'Lacedaemonian,' from Greek Lakedaimon, 'capital of Laconia, Sparta.'

Stentor (Gr.)—vociferous Greek herald: stentorian, Stentor-my, stentorophonic-gk
Sterilis-barren, fruitless, futile: sterile, sterility, sterilization, sterilize
Stimulus-goad, whip, spur: stimulus, stimuli, stimulate, stimulant, stimulation, stimulated, stimulating
Stipula-blade, stalk: stubble, stipule-Bb
Stipulor, stipulari, stipulatus sum-to exact a promise: stipulate, stipulation
Stirps-stem, stock, root: extirpate, extirpation
Stoa Poecile (Gr.)—Painted Porch: stoic, Stoicism ${ }^{1}$, Stoic, stoicism, stoical, stoically
Stolidus-stupid, brutish, inert: stolid, stolidity, stolidly
Strangulo, strangulare, strangulavi, strangulatum-to throttle, choke, stifle: strangle, strangulate, strangulation, stranglehold, strangles-vt
Strategos/stratagos (Gr.)—general, army commander: strategy, strategic, strategically, stratagem, strategist, strategize
Strenuus-active, vigorous: strenuous, strenuously, strenuousness
Strideo, stridere-to make harsh sounds, whistle: strident, stridently
Stultus-stupid, foolish: stultify, stultified, stultification
Sublimis-uplifted, raised aloft: sublime, sublimely, sublimate, sublimity, sublimation, The American Sublime-LE, sublimation-CH
Succus-juice: succulent, succulence
Sugo, sugere, suxi, suctum-to suck: suction (n.), suction (v.), suction cup, liposuction-md, suctorian-B, suctorial-B
Surdus-deaf: absurd, absurdity, absurdly
Sykos-fig: sycophant ${ }^{2}$, sycophancy, sycophantically
Talis-of such kind, of that kind: retaliate, retaliation, retaliatory
Talus-ankle: talon, taloned, talus-an
Tantalos (Gr.) - king condemned to be always thirsty and hungry: tantalize, tantalizing, tantalus-oe
Tantus-such great, so great: tantamount
Temere-heedlessly, rashly, without reason: temerity, temerarious
Temno, temnere, tempsi, temptum-to despise, slight, disdain: contempt, contemptible, contemptuous, contemptuously
Temotum—alcoholic drink: abstemious
Tepeo, tepere-to be lukewarm: tepid, tepidly, tepidness
Tergeo, tergere, tersi, tersum-to clean, wipe away: detergent, terse, tersely, terseness, detergency-gk
Testa-tile, earthenware pot: testy
Thronos (Gr.)—ruler's chair: throne, enthrone, enthroned, dethrone, dethroned, enthronement, dethronement, thrones-r
Titio-firebrand: entice, enticing, enticement
Tranquillus-calm, still: tranquil, tranquility, tranquillity, tranquilizer, tranquillizer, tranquilize, tranquillize, tranquilization, tranquillization
Trauma, traumatos (Gr.)-hurt, wound, damage: trauma, traumatic, traumatize, traumatized
Tribein (Gr.)—to rub, thresh, pound: diatribe
Triumpho, triumphare-to have a procession to celebrate a victory: triumph, triumphal, triumphant, triumphantly, triumph-h
Trux, trucis-ferocious, grim, savage: truculent, truculence
Tubus-pipe, tube: tube, tubing, inner tube, tubular, tubal, tubal ligation-md, bronchial tube-an, Fallopian tubes-an
Tumbos (Gr.)—grave, tomb: tomb, tombstone, entomb, entombment, Tombstone-h/ge Turgidus-swollen, inflated: turgid, turgidness, turgidity

[^169]Uber-fertile, plentiful: exuberance, exuberant, exuberantly
Upupa-hoopoe: dupe (n.), dupe (v.), duped
Urgeo, urgere-to press onward, press forward: urge, urgent, urgently, urgency
Uro, urere, ussi, ustum-to burn: broil (v.), broil (n.), combust, combustion, combustible, spontaneous combustion-gk, London broil-gs

Vaccinus-of cows/vacca-cow: vaccine ${ }^{1}$, vaccinate, vaccination, buckaroo-gk
Vacillo, vacillare, vacillavi, vacillatum-to waver: vacillate, vacillation, vacillatory, vacillating, vacillant
Valles-valley: valley, vale
Valvae-folds of a door, leaves of a door: valve, bivalve-Bz, valvule-gk, valvulitis-md, valvuloplasty-md, valve-an/B
Vannus-fan: fan (n.), fan (v.), fantail
Vassus-servant: valet, valet parking, vassal, vassalage, vassalry, varlet-gk, vavasour-h
Venum-sale: vend, vendor, vending machine, venal, venality, venalitious
Verbero, verberare, verberavi, verberatum-to beat: reverberate, reverberatory, reverberative, reverberating, reverberation, reverberant
Vergo, vergere-to slope down, sink: verge, verging, verged
Veto, vetare-to forbid: veto (n.), veto (v.), vetoer, vetitive-gk
Victima-victim, sacrifice: victim, victimize, victimology-gk
Virga-rod, strip: verge (n.), verge (v.), verges, verging on, virgate-gk, virga-mt
Virgo, virginis-maiden, virgin, young woman: Virginia ${ }^{2}$, virgin, virginal, virginity, virginal-mu, Virgin Birth-r, Vestal Virgin-h, extra-virgin-gs
Vitis-vine ${ }^{3}$ : vise (n.), vise (v.), vice (n.), vice (v.), viticulture-oe
Vito, vitare-to avoid: inevitable, inevitably
Volcanus/Vulcanus-Roman god of fire, volcanoes, and blacksmiths: volcano, Vulcan, volcanic, vulcanize-s, volcanize-s
Vomo, vomere, vomui, vomitum-to throw up: vomit (n.), vomit (v.), vomitorium-h/at, vomitoriae-at/h, vomiturition-md

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## List II: Green, Violet Derivatives

Abba (Gr.)—father: Westminster Abbey, abbey, abbot, abbess
Aden (Gr.)—gland: adenoid-an, adenoma-md, adenosis-md, ATP-BCM, ADP-BCM, adenosine-BCM, adenectomy-md, FAD-BCM, adenovirus-md, adenocarcinoma-md
Aestuarium-creek, tide place: estuary
Akos (Gr.)—remedy: panacea
Akantha (Gr.)—thorn: acanthus-at/Bb, acanthoid-gk, acanthopterygian-Bz, acantha-gk, acanthology- Bz , acanthaceous- Bb , acanthocladous- Bb
Aktis, aktinos (Gr.)—ray: actinomorphic- Bb , actinomycin-md, actinomycosis-vt/md, actinium- CH , actinide- CH , actinal- Bz , actinia- Bz , actinoid- Bz , actinometer-mt, actinophage-BCM, actinotherapy-md, actino-uranium-CH
Alkyon (Gr.)-kingfisher, mythical bird: halcyon
Amazones (Gr.)—a warrior race of women: Amazon River, Amazon, amazon, amazonian, Amazona-Bz, Amazonia-ge
Ambrosia (Gr.)—the food of the gods: ambrosia, ambrosial
Amoibe (Gr.)—change: amoeba, amoeboid, amoebocyte-BCM, amoebean-LE, amoibite-mn, amebiasis-md, amoebiasis-md, amebic dysentery-md, entamoeba-md, Entamoeba histolytica-B
Amuletum—charm to avert evil: amulet
Anthrax, anthracos (Gr.)—charcoal: anthrax, anthracite-gk, anthracosis-md, anthracnose-Bb
Apophthengesthai-to speak plainly: apothegm
Area-open space: area, aerie, aery, eyrie, eyry
Askos (Gr.)—bag: ascus-Bb, ascospore-Bb, ascocarp-Bb, ascomycete-Bb, ascophorous-Bb, ascogenous-Bb
Aulos (Gr.)—tube, pipe: hydraulic, hydraulics-s
Bacchus-Roman god of wine, the vine, and mystic rapture: bacchic, bacchanalian, bacchanalia, bacchant, bacchante, Bacchanalia-h/r
Beo, beare, beavi, beatum-to make happy, gladden, bless: beatific, beatitude
Bilis-anger, ill temper, spleen: bilious, bile, bile duct-an
Blandus-flattering, pleasant: blandishment, bland, blandly, blandish
Blastos (Gr.)—bud: blast cell-BCM, blastocyte-BCM, blastomere-BCM, blastula-BCM, blastema-BCM, blastoderm-BCM, entoblast-BCM, erythroblast-BCM, lymphoblast-BCM, retinoblastoma-md, sideroblast-BCM
Blepharon (Gr.)—eyelid: blepharitis-md, blepharoconjunctivitis-md, blepharoplasty-md, blepharospasm-md, blepharostat-md, blepharoptosis-md
Boskein (Gr.)—to feed: proboscis, proboscidian-Bz
Boubon (Gr.)—swelling, groin: bubonic, bubo-md, bubonic plague-md
Bradys (Gr.)—slow: bradycardia-md, bradykinin-BCM, bradylogia-md, bradyauxesis-B, bradyphrasia-md, bradyseism-g, bradypod-Bz
Brankhia (Gr.)—gills: lamellibranch-Bz, Palliobranchiata-Bz, caducibranchiate-Bz, Scutibranchiata-Bz, branchial-Bz, Branchiopoda-Bz, branchia-Bz
Brodum—broth: broil ${ }^{1}$ (n.), broil (v.), embroil, imbroglio
Bromos (Gr.)—stench: bromine ${ }^{2}$, Br , bromide, bromide- $\mathrm{CH} / \mathrm{gk}$, bromate- CH , bromidic-gk, bromidrosis-md, theobromine-md, tetrabromobenzene-CH
Bryos (Gr.)—moss: bryology-Bb, bryophyte-Bb, Bryozoa-Bz, bryonin-CH, bryony-Bb
Caelebs, caelibis-single, unmarried: celibate, celibacy
Calix, calicis-cup, wine-cup: chalice, calix-r
Cardo, cardinis-hinge: cardinal (adj.), cardinal sin-r
Careo, carere-to be lacking, be without: caret
${ }^{1}$ As in a 'brawl.' ${ }^{2}$ Bromine emits a most unpleasant and irritating odor.

Caucus-drinking vessel: caucus (n.), caucus (v.)
Cavilla-jeering, scoffing: cavil, caviler
Chorein (Gr.)—to make room for, withdraw: anchorite
Cirrus-lock of curly hair: cirrus clouds, cirrate-B, cirrostratus-mt, cirrocumulus-mt, cirriped- Bz , stratocirrus-mt, cumulocirrus-mt, tonitrocirrus-mt, cirrigrade- Bz , cirriflorous-Bb, cirriferous-Bb, cirriform-mt/Bz
Cis-on this side of: Cisalpine Gaul-h, cispacific-ge, cismontane-ge, cislunar-as, cisatlantic-ge, cis-trans isomer-CH, cis-dichloro-ethylene-CH
Clericus (Lat.)—clerk, cleric: clerk, clergy, clerical, clerisy, clericalism-ps, anticlericalism-ps, cleric-r, Clerk's Tale-LE
Coccus-rooster: cock, coquette, coquet, coquettish, coquetry, cock-and-bull-gk, coxcomb-gk
Conor, conari, conatus sum-to try: conative
Cophinus-basket: coffin, coffer
Croesus-last king of Lydia, known for his fantastic wealth: Croesus
Culus-rump, backside: recoil, bascule-s, culet-ms/gm, cul-de-four-at, cul-de-sac-gk, cul-de-lampe-at
Cygnus-swan: cygnet, Cygnus-as
Deuteros (Gr.)—second, secondary: Deuteronomy-LE, deuteragonist-LE, deuterium-CH, deuterocanonical-LE, deuteron-CH, deutoplasm-BCM
Dionysus-Greek god of wine and mystic ecstasy: Dionysus, dionysian, dionysiac
Dolos (Gr.)—ruse, snare, guile, cunning: sedulous ${ }^{1}$, sedulousness
Echinus-sea urchin: echinus-Bz/at, echinoderm-Bz, Echinodermata-Bz, echinoid-Bz, echinology-Bz, echinacea-Bb/md
Echo (Gr.)—sound: echo (n.), echo (v.), Echo, echoing, catechism, echocardiograph-md, echolalia-PS
Ekklesia—regularly called assembly of citizens: ecclesiastic, ecclesia, ecclesiastical, Ecclesiastes-r, ecclesiology-r
Eleemosyne (Gr.)—pity gift, charity, pity: eleemosynary, alms, almshouse
Elysion Pedion (Gr.)—Elysian Fields: Champs Élysées, Elysian, Elysium, Elysian fields-my
Emetos (Gr.)-vomiting, throwing up: emetic
Emulgeo, emulgere, emulsi, emulsum-to milk out: emulsion, emulsify, emulsifier
Epicurus-Epicurus²: epicure, epicurean, Epicureanism- $\Phi$, Epicurus- $\Phi$
Ericius-hedgehog: urchin
Erythros (Gr.)—red: erythrocyte-BCM, erythema-md, erythrism-md, erythrite-md, erythroblast-BCM, erythromycin-md, erythropoietin-BCM, phycoerythrin-Bb

Flaccidus-drooping, weak, flabby: flaccid, flaccidity
Flagitium-a shame, scandal: flagitious
Flavus-yellow: riboflavin-BCM, flavone-Bb, flavoprotein-BCM, FAD-BCM, FMN-BCM, flavonoid- Bb , flavo-purpurin- CH , flavo-cobalt- CH
Foeteo, foetere-to stink, have a bad smell: fetid, foetid, fetor
Fomentum-wood for kindling, poultice: foment, fomentation-md
Formica-ant: formic acid-CH, pismire-gk, formicary-gk, formicivorous-Bz, formication-md
Frons, frondis-foliage: frond, frondescence-Bb
Galbinus-greenish-yellow, yellowish: jaundice, jaundiced
Gnathos (Gr.)-jaw: prognathous-ap, orthognathous-ap, nematognathous-Bz, gnathite-Bz, gnathic-an, gnathotheca-Bz, gnathopodite-Bz, Gnathostomata-Bz
${ }^{1}$ See note 4, p. 336. ${ }^{2}$ Founder of 'Epicureanism,' a philosophy that stressed the pursuit of happiness via moderation and atomistic materialism as the fundamental truth of reality.

Gordius-King of Phrygia, famous for possessing a seemingly inextricable knot ${ }^{1}$ : Gordian knot, Gordian Knot-h
Gorgos (Gr.)-terrible: Gorgon², gorgon, gorgonize, Gorgophone-my, gorgonian-Bz
Gurges, gurgitis-whirlpool, deep chasm: gorge (v.), gorge (n.), disgorge, regurgitate, regurgitation

Hagios (Gr.)-holy: Hagia Sophia, hagiography-r/LE, hagiarchy-ps, Hagiographa-r/LE, hagiolatry-r, hagiology-r/LE, hagioscope-at/r
Hals, halos (Gr.)-salt, sea: haline-CH, halide-CH, stenohaline-B, haliotis-Bz, halogen-CH, halobios-B, halophyte-Bb, halobiont-B, halolimnic-B, halophile-B
Hamartanein (Gr.)-to miss the mark, err: hamartia-LE
Harpyiai (Gr.)-the Snatchers: Harpy, harpy
Hegemon (Gr.)-leader: hegemony, hegemon
Hektor (Gr.)—greatest Trojan hero: Hector, hector
Hermeticus-alchemical: hermetic, Hermetic-my, hermetically sealed-s/gk
Hic, haec, hoc-this: ad hoc, adhocracy-\$
Hio, hiare, hiavi, hiatum-to gape: hiatus
Histrio, histrionis-actor, stage-player: histrionic, histrionics
Homilia (Gr.)-discourse: homily, homiletic, homiletics-r
Horkos (Gk.)—oath: exorcize, exorcism, exorcist
Hygros (Gr.)—moist, damp: hygrometer-mt, hygrometry-mt, hygrograph-mt, hygrophyte- Bb , hygroscope-mt, hygroma-md, hygrothermograph-mt
Hymen-membrane: hymeneal, hymen-an, Hymen-my
Hypsos (Gr.)-height: Hypsilophodon-p, hypsibrachycephalism-ap, hypsithermal-g, hypsography-g, hypsometry-s, hypsography-s

Iambos (Gr.)-a metrical foot consisting of a short and long syllable: iambic pentameter, iamb-LE, iambic-LE, iambus-LE
Ieiunus-fasting, empty, thin, meager: jejune
Inanis-empty, vain: inane, inanity, inanition
Inchoo, inchoare, inchoavi, inchoatum-to begin: inchoate
Ioeides (Gr.)-violet-colored: iodine, I, iodate-CH, iodide-CH, iodize-CH, iodophor-CH, iodopsin-BCM, iodized salt-CH, iodization- CH
Ipse, ipsa-himself, herself: solipsist, solipsism, solipsistic, ipso facto-fl
Iuncus-rush: junket
Kampe (Gr.)—bend: gambol, jamb-at, enjambment-gk
Kannabis (Gr.)—hemp: canvas, canvass, cannabis-Bb/gk
Karyon (Gr.)-nut, kernel: eukaryote-B, eucaryote-B, karyokinesis-BCM, karyosome-BCM, karyotype-BCM, karyolymph-BCM, karyomere-BCM, karyorrhexis-BCM, karyomitosis-BCM
Kenos (Gr.)—empty: cenotaph, kenoma-Ф
Klyzein (Gr.)-to wash away: cataclysm, cataclysmic
Kolon (Gr.)-large intestine: colon-an, coloscopy-md, colonoscopy-md, colostomy-md, colotomy-md, ascending colon-an, descending colon-an, transverse colon-an
Kopros (Gr.)-excrement, dung: coprolite-mn/p, coprolalia-md/gk, coprophagan-Bz, coprophagous-Bz, coprophilous-Bb, coprolith-md
Kyanos (Gr.)-dark blue: cyan-gk, cyanamide-CH, cyanide-CH, cyanobacterium-B, cyanogen-CH, cyanosis-md, cyanohydrin-CH, pyocyanase-md, acrocyanosis-md, xanthocyanopsia-md, phycocyanogen- Bb
Kystis (Gr.)-bladder, bag: cyst, encyst, cystocele-md, cystic fibrosis-md, cystectomy-md, cystoscope-md, cystitis-md, cystolith-Bb, nematocyst-Bz, pyocyst-md, trichocyst-Bz
${ }^{1}$ Disentangled by Alexander the Great who simply used his sword to cut through the knot. ${ }^{2}$ Medusa was the most famous of the three Gorgons; her sisters' names were Stheno and Euryale.

Labium-lip: labium-an/B, labial-lg, labia majora-an, labia minora-an, labiodental-lg, labiovelar-lg
Laevus-left: levorotatory-CH, levogyrate-CH, levonorgestrel-md, levulin-Bb, levulose-CH
Lakedaemon (Gr.)-capital of Laconia, Sparta: Lacedaemonian
Lalein (Gr.)-to talk: pasilaly-gk, coprolalia-md/gk, idiolalia-md, echolalia-PS, glossolalia-gk/r
Lambo, lambere-to lick, wash: lamprey, lambent, lambency, limpet-Bz
Laos (Gr.)-the people/leitourgia-public service: laity, laypeople, liturgy
Lascivio, lascivire-to run wild, be wanton: lascivious, lasciviousness
Latro, latronis-robber: larceny, petit larceny-1
Laurea-a laurel-tree, a laurel wreath, a triumph: laurel (n.), laurel (v.), laureate (adj.), laureate (n.), Nobel laureate-gk, poet laureate-gk
Lectus-couch: litter, coverlet-gk
Lepis, lepidos (Gr.)-scale: lepidopterist-Bz, lepidolite-mn, lepidote-Bb, lepidochlore-mn, Lepidoptera-Bz
Leptos (Gr.)-thin, fine, delicate: leptocardian-Bz, leptocephaly-Bz, leptophyllous-Bb, leptoxylem-Bb, leptomonad-Bz, lepton-PH, leptosome-gk, leptospirosis-vt
Libido, libidinis-lust, desire, longing: libido, libidinous
Libo, libare, libavi, libatum-to pour an offering: libation
Linio, linire-to smear, anoint: liniment
Lipos (Gr.)—fat: lipid-BCM, lipase-BCM, lipoma-md, lipoid-BCM, lipoprotein-BCM, liposuction-md, liposome-an, lipophilic-BCM, HDL-BCM, LDL-BCM, phospholipid-BCM
Limne (Gr.)-lake, pool, pond: limnology-lm, limnetic-lm, halolimnic-lm, limnanth-Bb, limnophilous-1m, limaea-Bz
Lite (Gr.)-supplication: litany
Litos (Gr.)-simple: litotes-LE
Litus, litoris-seashore: littoral
Lympha-water, spring water, pure water: lymph-md, lymphatic-md, lymph node-an, lymphocyte-BCM, lymphoblast-BCM, lymphokine-BCM, lymphopoeisis-BCM

Mando, mandere-to chew: manger, mandible-an/Bz, mandibular-an/Bz, mange-vt
Mango, mangonis-a dealer in slaves: monger (n.), monger (v.), warmonger ${ }^{1}$, rumormonger, ironmonger, fishmonger, peacemonger, scandalmonger, gloom-monger, costermonger-gk, fashionmonger-gk/fs, questmonger-h
Mausoleum-huge tomb erected in the memory of King Mausolus: mausoleum
Meninx, meningos (Gr.)-membrane: meningitis-md, meninx-an, meninges-an, meningocele-md, meningoencephalitis-md, meningioma-md
Methy (Gr.)-wine: amethyst ${ }^{2}$-gm, methyl-CH, methane-CH, methylene-CH, methanol-CH, methamphetamine-md/gk, methicillin-md, methionine-BCM, sulfonmethane-md
Miasma (Gr.)-pollution: miasma, miasmic, miasmal
Mucus-snivel, snot, mucus: mucus, mucous, mucilage, mucin-BCM, mucolytic-BCM mucous membrane-an
Mykes, myketos (Gr.)-fungus, mushroom: mycology-Bb, mycophagous-gk/B, mycetoma-md, mycotoxicosis-md, erythromycin-md, Plectomycetes-Bb, Terramycin-md, neomycin-md, Gasteromycetes-md, phycomycosis-md
Myrmex, myrmekos (Gr.)-ant: myrmecology-Bz, myrmecobe-Bz, myrmecophagous-Bz, myrmecophilous- Bz , myrmecophyte- Bb
Myrmidones (Gr.)-followers of Achilles: myrmidon, Myrmidons-my, Myrmidon-my
Myxa (Gr.)-slime, mucus: myxovirus-md, myxoma-md, myxedema-md, myxomycetes- Bb , myxosarcoma-md, myxobacterium-B
${ }^{1}$ When -monger ends a word, it refers to one who sells or promotes something, at times unpleasant.' ${ }^{2}$ The amethyst was believed to possess the property of preventing intoxication.

Nanos (Gr.)—dwarf, little old man: nanosecond-s, nanotechnology-s, nanometer-s, nannofossil-p, nannoplankton-B, nanobot-s, nanotech-s, nanotube-s, nanocomputer-CS
Nato, natare, natavi, natatum-to swim: natatorium, natatorial-Bz, natans-gk, natation-gk/sp
Nema, nematos (Gr.)-thread: nematode-Bz, nematic-CH, nematocyst-Bz, nematophore- Bz , nematognath- Bz , nematodiriasis-vt, treponematosis-md
Nephros (Gr.)—kidney: nephrology-md, nephron-an, nephrosis-md, nephritis-md, nephrotomy-md, nephrectomy-md, nephrite-mn, nephrorrhagia-md, hydronephrosis-md, nephropathy-md, nephrosis-md, nephrotic-md, nephrogastric-an, mesonephros-B, pyonephritis-md
Nepos, nepotis-nephew: nephew, niece, nepotism, nepotistic
Nicotiana-(herb of) Nicot: nicotine, niacin-BCM, nicotinic acid-BCM, nicotinism-md, nicotiana-Bb, nornicotine- Bb , NAD-BCM, NADH-BCM, niacinamide-BCM
Nosos (Gr.)—a disease: nosology-md, nosography-md, nosocomephrenia-PS, nosopoetic-md, nosotaxy-md
Numen, numinis-divine power, divinity, deity: numinous, numinosity, numen- $\Phi$, numen lumen-ed

Obelos (Gr.)—sharp-pointed rod: obelisk
Oidema, oidematos (Gr.)—a swelling, tumor: edema-md, oedema-md, edematous-md, myxedema-md, pyodema-md
Oime (Gr.)—song: proem
On, ontos(Gr.)-being: paleontology, ontology, ontological, ontogeny-B, symbiont-B, ontosophy-Ф, ontotheological-r
Opalus-opal: opal, opalescent
Opos (Gr.)—plant juice: opium, opiate
Organ (Gr.)—to swell up, be eager: orgasm, orgasmic
Orgia (Gr.)—secret rites, worship: orgy, orgiastic
Oros (Gr.)—mountain: oread-my, orogeny-g, orology-g, orography-g
Orphanos (Gr.)—bereaved, bereft, fatherless: orphan (n.), orphanage, orphan (v.)
Osme (Gr.)-smell: osmic, osmium-CH, osmeterium-Bz
Osmos (Gr.)-thrust, push: osmosis, osmotic, osmoregulation-md
Paean-victory hymn: paean
Patos (Gr.)—way, path: peripatetic
Paveo, pavere-to fear: pavid
Pedon (Gr.)—soil, earth: pedology-g, pedogenesis-g, pedocal-g
Pelagos (Gr.)—sea: archipelago, pelagic-B
Phalanx, phalangos (Gr.)-battle formation, battle array: phalanx, phalanges-an
Phallos (Gr.)—penis: phallic, phallic symbol-LE
Pharynx, pharyngos (Gr.)-throat: pharynx-an, pharynges-an, pharyngectomy-an, pharyngitis-md, pharyngology-md, pharyngocele-md, pharyngeal-lg/an, salpingo-pharyngeus-an
Philistinoi (Gr.)—Philistine: philistine (adj.), Philistine (n.), philistinism, Philistinism, Philistine-h
Phthongos (Gr.)—sound: diphthong, monophthong-lg, triphthong-lg
Phykos (Gr.)—seaweed: phycology-Bb, phycoerythrin- Bb , phycomycete- Bb , phycocyanogen- Bb , phycoplast- BCM , phycobiliprotein- Bb , phycobiont- Bb , phycomycosis-md
Pica—magpie, jay: magpie, Pied Piper, pied
Pituita—phlegm: pituitary, pip-Bz/vt
Pleura (Gr.)—side, rib: pleura-an, pleurisy-md, pleuropneumonia-md, pleurotomy-md, Pleurodontes-Bz, pleurodont-Bz, pleurocele-md, pleurovisceral-Bz

Polemos (Gr.)—war: polemic, polemics, polemicize, polemical
Ponein (Gr.)-to toil: hydroponics, geoponic-ag, lithopone-s
Posis (Gr.)—drinking: symposium, Symposium-LE
Pro- (Gr.)—first + Pion (Gr.)—fat: propane, propyl-CH, propionic acid-CH, propanol- CH , propylene- CH , isopropyl- CH
Prokroustes (Gr.)—mythical robber who conformed victims to a bed by stretching them if they were too short or lopping off their limbs if they were too long: Procrustean
Proselytos (Gr.)—stranger, sojourner, convert: proselyte, proselytize
Prurio, prurire-to itch: prurient, prurigo-md, pruritus-md
Puls, pultis-porridge: poultice
Pyon (Gr.)—pus: pyorrhea-md/dt, pyogenesis-md, pyoderma-md, pyocyst-md, pyodema-md, pyosis-md, pyonephritis-md, pyopthalmia-md, pyosepticemia-md, pyocyanase-md, pyosalpinx-md
Pyrrhus-a victorious king who also suffered heavy losses in battle: Pyrrhic victory
Ragulo, ragulare-to bray: rail (v.), railer, raillery
Rarus-loose-knit, spaced thinly, scattered: rare, rarely, rarity, rarefy, rarefied, rarefaction, rara avis-fl, rare-earth element-CH
Renes-kidneys: adrenaline, renal-an, adrenal-an, adrenocorticosteroid-BCM
Renitor, reniti-to struggle against, be resistant: renitent
Resina-solid or liquid resin: resinous, resin-gk
Rhapsodia (Gr.)—recitation of poetry: rhapsody, rhapsodic, rhapsodist, rhapsodize
Rhegnunai (Gr.)—to burst forth: hemorrhage (v.), hemorrhage (n.), hemorrhaged, hemorrhaging, pneumorrhagia-md, menorrhagia-md, metrorrhagia-md, nephrorrhagia-md
Rhodon (Gr.)—rose: rhodium- CH , rhodopsin- BCM , rhododendron- Bb , rhodolite-mn, rhodonite-mn, rhodology- Bb , rhodusite-mn
Rocca-rock: rock, rocky, rococo, Rococo-a
Ruga-wrinkle, crease, small fold: corrugate, corrugated, ruga- B , rugate- Bz , rugose-an $/ \mathrm{Bz}$, rugosa- Bb , rugulose- B , erugate, irrugate
Rumen, ruminis-throat, gullet: ruminate, ruminative, rumination, ruminate-ag, ruminant-ag, rumen-B, Ruminantia-Bz, ruminal-Bz, rumenotomy-vt, rumenocentesis-vt

Sagitta—arrow: Sagitta-as, sagittate-B, Sagittarius-as/gk, sagittal-an
Salpinx, salpingos (Gr.)—trumpet: salpingitis-md, salpinx-an, pyosalpinx-md, salpingectomy-md, salpingo-pharyngeus-an
Sappa-spade: sap (v.), sapped
Sapros (Gr.)—rotten: saprophyte-Bb, saprobe-B, saprophile-B, saprolite-g, saprozoic-B, saprobiology-B, saprobic-B, saprobity-B, sapropel-g, saprophagous-B
Sardonios (Gr.)—bitter or scornful laughter: sardonic, sardonically
Satyros (Gr.)—mythical half-man, half-goat: satyr, satyr-my, satyriasis-gk, satyrid-Bz
Scaber, scabra, scabrum-rough, scabbed, scurfy: scabrous
Se-itself: per se
Sebum-grease, tallow: suet, sebaceous-md, seborrhea-md, sebacic acid-CH, sebum-md, sebiferous-md
Seiren (Gr.)—deceitful woman, mythical creature that enticed men to their doom: siren, Siren-my, sirenian-Bz
Selene (Gr.)-moon: selenium, Se, selenite-mn, selenography-as, Selene-my, selenosis-vt, geoselenic-s
Seraphim (Gr.)-highest ranking angels of the nine orders: seraphic, seraph-r, seraphim-r, seraphin-r,
Serum-whey, watery fluid: serum-md/BCM, serodiscordant-gk, serology-md, serous-md, seropurulent-md, serotonin- $B C M$, serous membrane-an
Serus-late: soiree, soirée, serotine-Bz, serotinous-Bb

Sibilo, sibilare, sibilavi, sibilatum-to hiss, whistle: sibilance, persiflage, sibilant, sibilate
Sibylla (Gr.)—a prophetess: sibyl, sibylline
Sic-thus, so: sic
Sideros (Gr.)—iron: siderolite-as, siderite-as, siderochrome-BCM, siderocyte-BCM, siderocalcite-mn, siderographite-mn, siderophyllite-mn, siderocyte-BCM, sideroblast-BCM
Simia—ape: simian, Simia-Bz, simial-gk
Skor, skatos (Gr.)—dung, excrement: scatological, scatology-PS/md/B/p, scatophage-B, scatoscopy-vt/md
Soloikos (Gr.)—speaking incorrectly: solecism
Spasma (Gr.)—convulsion: spasm (n.), spasm (v.), spasmodic, spasmodically
Spastikos (Gr.)—afflicted with cramps or spasms: spastic, spasticity, spastically
Sphen (Gr.)—wedge: sphenoid bone-an, sphene-gm/mn, sphenic-gk, spheno-parietal-an, spheno-occipital-an, spheno-mandibular-an, sphenotic-Bz, spenoidal-an
Sphinx, sphingos (Gr.)—riddling she-monster outwitted by Oedipus: sphinx, sphinx, sphingine, sphingid- Bz , sphingosine- BCM
Sphygmos (Gr.)—throbbing, pulsation: sphygmomanometer-md, sphygmometer-md, sphygmograph-md, sphygmography-md, sphygmology-md
Splen (Gr.)—the milt, spleen: spleen, splenetic, spleen-an, splenius-an, splenectomy-md, splenomegaly-md
Sponde (Gr.)—libation: spondee-LE, spondaic-LE
Spuma-froth, scum, foam: spume (n.), spume (v.), spumy, spumous
Staphyle (Gr.)—bunch of grapes: staphyline-mn/an, Staphylinidae-Bz, staphyloma-md, staphylorrhaphy-md, staphylococcus-B, staphyloplasty-md
Stear, steatos (Gr.)—tallow, stiff fat: steatosis-md, stearin-gk/BCM, stearic acid-BCM, steatopygia-md, steatorrhea-md, steapsin-BCM, steatopathy-md, steatornis-Bz, steatoma-md
Stipo, stipare, stipavi, stipatum-to crowd, cram, pack: constipation, constipate, stevedore-n, obstipation-md
Strepo, strepere-to make a din, shout noisily: obstreperous, obstreperousness, obstreperously
Stria-groove, furrow: striated, striation
Stridulus-of something that emits a shrill sound: stridulate, stridulous
Styx, Stygos (Gr.)—the river Styx: Styx, stygian
Sui-of oneself: suicide, suicidal, sui generis, sui juris-1
Sulfur/sulphur—brimstone, sulfur: sulfur, sulphur, S , sulfuric acid, $\mathrm{H}_{2} \mathrm{SO}_{3}$, sulfurous- CH , sulfate- CH , sulphate- CH , sulphide- CH , sulfide- CH , sulfone-md, sulfonium-CH, sulfonamide-md, sulphonamide-md, sulfonylurea-md, sulphonylurea-md
Supino, supinare, supinavi, supinatum-to lay on one's back, turn up, tilt back: supine, supine-gr, supinate-gk/md, resupinate-Bb, supinato-extensor-an, resupine-gk
Sybarites (Gr.)—native of Sybaris, a place of great indulgence: sybarite, sybaritic
Synkretizein-to unite: syncretism, syncretize, syncretic, syncretism-lg
Taberna-inn, shop, hut, hovel: tavern, tabernacle
Tandem-at last, at length: tandem
Taphos (Gr.)—tomb: epitaph, cenotaph, taphonomy-p
Tellus, telluris-land, earth: tellurian-gk, telluric-s, tellurium-CH, tellurometer-s, tellurion-s, Tellus-my
Temno, temnere-to despise, disdain: contemn, contemned
Tenebrae-darkness: tenebrous, tenebrific, Tenebrae-r

Teras, teratos (Gr.)—monster, sign, marvel: teratology-md, teratoma-md, teratogenesis-md, teratocarcinoma-md, terabit-CS, terabyte-CS, terahertz-s, teraflop-CS, teratism-md, teratoid-md, teratolite-mn
Thalassa (Gr.)—sea: Thalassa-as, thalassic-gk, thalassemia-md, thalassography-s, thalassocracy-ps
Thallein (Gr.)-to swell: thallium-CH, thallus-Bb, thallophyte-Bb, thallome-Bb, thallene-CH
Theion (Gr.)—sulfur: thiouracil-md/BCM, thiourea-BCM/a, thionic-CH, thiopental-md, thiosulfate- CH , thiamine- BCM , thiazole- CH , thiazine- CH , thiabendazole-md/vt
Thrix, trikhos (Gr.)—hair: trichiasis-md, trichite-mn, trichinosis-md, trichome- Bb , trichuriasis-md, trichoid-gk, trichogyne- Bb , trichocyst- Bz , trichomoniasis-vt/md, trichoclasia-md, trichobranchia-Bz, hypotrichous-Bz, trichopter- Bz , trichospore- Bb , trichology-md, trichophyte-md, trichotillomania-gk, Trichuris-Bz/md, polytrichous-gk, atrichous-gk
Thrombos (Gr.)—clot: thrombosis-md, thrombocyte-BCM, thromboxane-BCM, thrombus-md, thrombopoeisis-md, thrombosthenin-BCM, thromboembolism-md
Thyra (Gr.)—door: thyroid-an, thyroiditis-md, thyroidectomy-md, hyperthyroidism-md, hypothyroidism-md, thyroxine-BCM, thyrotoxicosis-md, thyrotropin-BCM
Thyrsus-stalk: torso, thyrsus-my/Bb, The Torso-a
Tinnio, tinnire-to ring, tinkle: tintinnabulation, tintinnabulum-gk, tinnitus-md
Tiro-recruit: tyro
Titillo, titillare, titillavi, titillatum-to tickle: titillate, titillation
Torus-raised ridge, bulge: torus, torula-Bb, torose-gk
Trabs, trabis-beam, timber: architrave-at
Trakhys (Gr.)—rough: trachea, tracheitis-md, tracheotomy-md, tracheostomy-md, trachoma-md, tracheophyte- Bb , tracheoesophageal-an, tracheobronchial-an, tracheate-Bz, tracheid-Bb
Trochlea-system of pulleys: truckle, trochlea-an, trochlear-an/Bb
Trokhos (Gr.)—a running: trochee-LE, trochaic-LE, trochophore-Bz
Turpis-shameful, base: turpitude
Typhon (Gr.)—whirlwind, Typhon: Typhon, typhoon
Ulcus, ulceris-sore, ulcer: ulcer (n.), ulcer (v.), ulcerate, ulcerous, ulceration, ulcerogenic-md
Uxor-wife: uxorious, uxoriousness, uxorilocal-ap, uxorial-gk, uxoricide-gk, uxorium, uxorodespotism

Vagina-sheath: vanilla, vagina, vanilla (adj.), vanillin-BCM/Bb, vaginal-gk, vaginitis-md, vaginectomy-md, invaginate-B/gk
Varix, varicis-swollen vein: varicose veins-md, varix-md/Bz, varices-md, varicocele-md, varicosis-md, varicotomy-md, variceal-md
Venia-indulgence, mitigating circumstance, pardon: venial, veniality, venial sin-r
Vernaculus-of home-born slaves, native: vernacular
Vesper-the evening: vespers-r, Vesper-as, vespertine-B, vespertilionid-Bz
Viola-the violet: violet, ultraviolet, UV, UVB-s, Viola-Bb
Vulpes-fox: vulpine, Volpone-LE
Vultur-vulture: vulture, vulturine
Zephyr (Gr.)—west wind: zephyr, Zephyrus-my, zephyr lily-Bb

## Appendix II: Suffixes and Infixes

A suffix is simply an affix added either to the end of a word or onto another suffix, where it forms a new word with new grammatical properties and usually imparts a new meaning. Most words contain suffixes, so to know something about them is crucial. Suffixes are surely the most difficult part of the language to list; there are so many permutations, exceptions, and single instances that exhaustiveness would be both maddening and pointless-this highly extensive list focuses on utility.

Whereas most prefixes have their origins in prolific classical roots, the roots of suffixes come from many languages. This list contains both non-classically and classically-derived suffixes, except for those latter which are already listed in the trees; it also covers suffixes that are both formative and non-formative, that is, they either are or are no longer regularly used to form new words.

Suffixes inherently have two functions: semantic, which adds meaning to a word, and grammatical, whereby the suffix indicates a specific part of speech. For example, in the word 'inventor,' the dual-function suffix '-or' means 'someone who performs a specific action,' and also indicates the formation of a noun, thus the noun 'inventor' etymologically means 'one who comes upon something.' In the word 'experiment,' the single-function suffix '-ment' forms a noun, but imparts no meaning. To clarify this potential dual function, this list includes both a column for a given suffix's meaning and its grammatical function-when the meaning column is left blank, the suffix has purely a grammatical function. Most suffixes fall under both.

In addition to suffixes, the five most common infixes are also listed: ' $-1-{ }^{-},{ }^{\prime}-0-{ }^{\prime},{ }^{\prime}-c u l-$,' '-ul-,' and '-it-.' The first two are used purely as connectives, which ease pronunciation by linking morphemes to suffixes or other morphemes, e.g., in the word 'democracy,' the primary morpheme or stem is 'dem,' the suffix is '-cracy,' and the connecting word, or 'infix,' is '-o.' The '-o-' connective is used primarily to link Greek roots, whereas '-i-' is used most often to link Latin roots. The second group, '-cul-' and '-ul-,' are used as diminutives, such as in the word 'molecule,' or 'little mass' of something, and 'calculus,' or 'small stone.' The last infix, '-it-,' is employed as a frequentative, or indicator of repeated action, such as in the word 'habitation,' etymologically a place which one 'holds' over an extended period of time.

It is my hope that this comprehensive list of suffixes will continue to aid the student in analyzing English vocabulary by enabling her to pick apart any suffixed word she finds and easily deduce the function of its suffix or suffixes.

## Abbreviations ${ }^{1}$ :

| $l$ |  |
| :--- | :--- |
| Languages |  |
| E. | English |
| F. | French |
| G. | Greek |
| Gm. | Germanic |
| I. | Irish |
| I-I. | Indo-Iranian |
| L. | Latin |
| MD. | Middle Dutch |
| ME. | Middle English |
| OE. | Old English |
| OF. | Old French |
| OHG. | Old High German |
| R. | Russian |
| Y. | Yiddish |


| Grammar |  |
| :--- | :--- |
| adj. | adjective |
| adv. | adverb |
| grnd. | gerund |
| n. | noun |
| pap. | present active participle |
| pl. | plural |
| ppp. | perfect passive participle |
| prep. | preposition |
| pres. | present |
| ps. | person |
| s. | singular |

${ }^{1}$ Note that these, in some cases, are not standard due to space issues.

| Suffix | Root | Forms | Meaning | Example Derivatives |
| :---: | :---: | :---: | :---: | :---: |
| -a | -a (G, L) | $\begin{aligned} & \hline \text { n.s. } \\ & \text { n.pl. } \end{aligned}$ |  | camera, formula, idea, larva, vertebra data, phenomena, criteria, genera-B, labia-an/B, Hagiographa-r/LE |
| -ability | habilis (L) | n . | state or condition | portability, maneuverability, malleability |
| -able | habilis (L) | adj. | handy, capable of | portable, maneuverable, malleable |
| -ably | $\begin{aligned} & \text { habilis (L) + } \\ & \text {-lic (OE) } \end{aligned}$ | adv. | handy in a certain way | dependably, amiably, inevitably |
| -acean | -acea (L) | n. | resembling | cetacean-Bz, crustacean-Bz |
| -aceous | -aceus (L) | adj. | resembling | sebaceous-gk, cretaceous-p, herbaceous-Bb acanthaceous-Bb |
| -acious | -acis (L) | adj. | inclined to, abounding in | loquacious, tenacious, fallacious, veracious, capacious, minacious, mordacious, predacious |
| -acity | -acitas (L) | n. | characteristics of | capacity, tenacity, veracity, opacity, voracity, loquacity, mordacity, rapacity |
| -acle | -aculum (L) | n. | that which does or receives | spectacle, miracle, receptacle, tentacle, oracle |
| -acular | $\begin{aligned} & \text {-aculum + } \\ & \text {-aris (L) } \end{aligned}$ | adj. | of that which does or receives | spectacular, tentacular, oracular |
| -acy | -atia (L) | n . | state of being something; act of | accuracy, piracy, candidacy, legitimacy, primacy, legacy, fallacy, conspiracy, diplomacy, contumacy |
| -ad | ad (L) | adj. | towards | ventrad-Bz, dorsad-Bz, cephalad-Bz |
| -ad | -ade (F) | n . | thing made by a certain proces | salad, ballad-LE <br> s |
| -ade | -ade (F) | n . | thing or person made by a certain process | lemonade, limeade, grapeade, orangeade, marmalade, comrade, grenade, façade, masquerade, renegade, colonnade-at |
|  |  | n. | act or action | crusade, parade, blockade, promenade, escapade, barricade, ambuscade |
| -ae | -ae (L) | n.pl. |  | algae, antennae, formulae, larvae, personae, alumnae, nebulae-as/md, vertebrae-an |
| -age | -aticum (L) | n . | collective abode or place | foliage, luggage, baggage, mileage, acreage orphanage, anchorage, harborage, parsonage-r, hermitage-gk, vicarage-r |
|  |  | n . | relationship | parentage, hostage, savage |
|  |  | n . | act or process | marriage, pilgrimage, blockage, carnage, pillage, ravage, harborage, espionage |
|  |  | n. | fee | carriage, postage, poundage, porterage-gk, freightage-gk, brokerage-\$ |
|  |  | n. | state | courage, bondage, vagabondage, dotage, verbiage, homage, umbrage |
|  |  | n. | result of action or process | stoppage, breakage, language, forage, mirage, visage, badinage, persiflage, vintage |


| Suffix | Root | Forms | Meaning | Example Derivatives |
| :---: | :---: | :---: | :---: | :---: |
| -al | -alis (L) | adj. | of or relating to | parental, normal, mural, oral, facial, oval, regal, mutual, political, arboreal, lackadaisical |
|  |  | n. | action, process | arrival, retrieval, acquittal |
| -an | -anus (L) | n. adj. | person relating to | human, pagan, veteran, American, Texan urban, pagan, veteran, sylvan, gargantuan |
| -ana | -ana (L) | n. | pieces of information about | Americana, Texana |
| -ance | -antia (L) | n . | state or condition | brilliance, annoyance, appearance, hindrance, temperance, resemblance, exuberance, |
|  |  | n. | action | appearance, resistance, assistance, deliverance, dalliance, repentance, continuance, forbearance, connivance, finance |
| -ancy | -antia (L) | n. | state of being something; act of | infancy, vacancy, expectancy, buoyancy, pliancy, precipitancy, adamancy, flagrancy, truancy, vagrancy |
| -and | -andum (L) | n . | that which is to be ...ed ${ }^{1}$ | reprimand, viand-gk, viands-gk, multiplicand-M, educand-ed, integrand-M, ligand-CH, operand-M |
| -anda | -anda (L) | n.s. | one to be ...ed | Amanda ${ }^{2}$, Miranda |
|  |  | n.pl. | things to be ...ed | propaganda, memoranda ${ }^{3}$ |
| -ando | -ando (L) | grnd. | doing something | cantando-mu, accelerando-mu, lacrimando-mu, saltando-mu, tremolando-mu |
| -andum-andum (L) |  | n . | thing to be ...ed memorandum, emendandum-fl, de gustibus non est disputandum-fl |  |
| -ane | variant of '-ine' | n. | saturated hydrocarbon | methane- CH , butane- CH , propane- CH , hexane- CH , ethane- CH |
| -ant | -antis (L) | n. | that which does something | servant, deodarant, assistant, coolant, acceptant, inhalant, defendant, claimant, suppliant |
|  |  | adj. | being in a state or condition | brilliant, resistant, gallant, flippant, errant, temperant, rampant |
| -ar | -aris (L) | adj. | pertaining to or resembling | polar, popular, spectacular, stellar, insular, oracular |
|  |  | n . | someone who does something | liar, burglar, beggar, consular, vicar-r, bursar-\$ |
| -ard | hard (Gm) | n. | bold, hardy | standard, tankard, blizzard, placard, standardize, poniard-gk, petard-ms |
|  |  | n. | one in a certain state | drunkard, coward, dullard, wizard, buzzard, bastard, laggard, sluggard |
| -arian | -arius (L) | n . | believer in; doer of a certain thing | librarian, vegetarian, veterinarian, disciplinarian, grammarian, utilitarian, humanitarian, totalitarian, Unitarian-r |
|  |  | adj. | pertaining to | vegetarian, utilitarian, humanitarian, egalitarian, agrarian |

${ }^{1}$ For example, the noun 'multiplicand' etymologically means 'that which is to be multiplied.' ${ }^{2}$ See note 1 , p .
13. ${ }^{3}$ Etymologically 'things to be remembered.'

| Suffix | Root | Forms | Meaning | Example Derivatives |
| :---: | :---: | :---: | :---: | :---: |
| -arium | -arium (L) | n. | place for | terrarium, aquarium, planetarium, solarium, termitarium- Bz , martyrium-r |
| -ary | -arius (L) | adj. | of or relating to | military, honorary, literary, ordinary, exemplary, sedentary, discretionary |
|  |  | n . | person or thing belonging to; place for | library, boundary, vocabulary, mortuary, mercenary, infirmary, sanctuary, notary-gk, actuary-M/\$, termitary-Bz |
| -ase | diast(ase) (G) | n . | enzyme | lactase-BCM, galactase-BCM, amylase-BCM, peroxidase-BCM, coagulase-md/BCM |
| -asm | -asma (G) | n. |  | enthusiasm, phantasm, pleonasm, sarcasm, orgasm, spasm |
| -asma | -asma (G) | n . |  | miasma |
| -asmic | $\begin{aligned} & \text {-asma }(\mathrm{G})+ \\ & \text {-icus }(\mathrm{L}) \end{aligned}$ | adj. | pertaining to n . in '-asm' | orgasmic, miasmic |
| -ast | -astes (G) | n . | one connected with | enthusiast, iconoclast, scholiast-gk, hypochondriast-gk, dynast-ps |
| -astic | -astikos (G) | adj. | pertaining to, having the nature of | fantastic, gymnastic, enthusiastic, sarcastic, scholastic, drastic, dynastic, monastic, periphrastic, spastic |
| -ate | -atum (L) | adj. | full of a certain quality | affectionate, fortunate, passionate, insensate, desolate, consummate |
|  |  | v. | to make something have a certain quality | regulate, activate, fascinate, demarcate, enervate, annihilate, liberate, mandate |
|  |  | n . | job, rank, or degree | magnate, magistrate, delegate, consulate |
|  |  | n . | salt or ester | sulphate-CH, sulfate- CH , acetate- CH |
| -athon | Mar(athon) (E) | n . | extended activity | marathon, swimathon, bikeathon, phonathon, talkathon |
| -ation | -ationis (L) | n . | act of doing something | examination, strangulation, consideration, proclamation, emancipation, cultivation |
|  |  | n. | state or quality of | desperation, starvation, inspiration, acculturation, reconciliation, culmination |
| -ative | -ativus (L) | adj. | showing an inclination for something | talkative, argumentative, imaginative, creative, productive, demonstrative, illustrative, elucidative |
| -ator | -ator (L) | n . | that which does something | narrator, generator, administrator, imitator, radiator, legislator, orator, vindicator |
| -atory | -atorius (L) | adj. | of or belonging to | participatory, accusatory, congratulatory, preparatory, ambulatory, mandatory, anticipatory, discriminatory, conciliatory |
|  |  | n . | place for a certain activity | laboratory, crematory, lavatory, reformatory, purgatory, conservatory |
|  |  | adj. | serving or tending to | amendatory, predatory |


| $\frac{\text { Suffix }}{\text {-bund }}$ | Root <br> -bundus (L) | Forms adj. | Meaning acting in a certain way | Example Derivatives moribund, cogitabund-gk, furibund-gk, pudibund-gk |
| :---: | :---: | :---: | :---: | :---: |
| -cade | caballicare (L) | n . | procession or spectacle | motorcade, aquacade, camelcade, cavalcade, aerocade |
| -cle | -culus (L) | n . | diminutive | muscle, particle, article, cubicle, testicle, denticle-dt, tubercle-md/B, corpuscle-an/md, clavicle-an, auricle-an |
| -coccus | kokkos (G) | n . | bacteria or algae | streptococcus-B/md, Cryptococcus-Bb, pneumococcus-md/B, staphylococcus-B/md |
| -craft | cræft ( OE ) | n . | $\frac{\text { ship }}{\text { skill }}$ | spacecraft, aircraft, hovercraft handicraft, stagecraft, statecraft, thrillcraft-sp |
| -cul- | -culum (L) -culum (L) | infix infix | diminutive | miraculous, extracurricular, ridiculous, gesticulation, perpendicular, vehicular particular, particularly, reticulated python, particulate, articulate (adj.), articulate (v.), testicular-B, clavicula-an |
| -cular | $\begin{aligned} & \text {-culus (L.) + } \\ & \text {-aris (L) } \end{aligned}$ | adj. | of the diminutive noun | cardiovascular, molecular, particular, corpuscular-an, auricular-an, clavicular-an, crepuscular-Bz |
| -cule | -culus (L) | n . | diminutive | molecule, majuscule-gk, minuscule-gk, animalcule-Bz, aedicule-at, floscule-Bb |
| -cy | -tia (L) | n. n. | state of being something; act of position, rank, office | bankruptcy, secrecy, prophecy, constancy, normalcy <br> colonelcy, generalcy, captaincy |
| -dom | -dom (OE) | n . | state of being something | freedom, boredom, wisdom, stardom, martyrdom, topsy-turveydom, whoredom |
|  |  | n . | domain | kingdom, dukedom, moviedom, theatredom, earldom, princedom |
|  |  | n . | collectivity | Christendom, sailordom, officialdom, heathendom |
| -ean | -aeanus (L) | adj. | belonging to; characteristic of | European, Mediterranean, Shakespearean, Mozartean, herculean, crustacean, subterranean, cerulean, Keynesean-\$, sisyphean-gk, ossean-Bz |
| -ed | -ede, -ed (OE) | v. | past tense of regular verbs | pasted, walked, rained, laughed, prefaced, confabulated, fibbed |
|  |  | ppp. | regular verbs | forced, baked, adopted, educated, refracted, fragmented, frequented |
|  |  | adj. | having a particular state or thing | striped, pig-headed, black-hearted, cultured, foliated, moneyed, dilapidated, frustrated, deranged, detached, disengaged, ruffled |
| -ee | -ig (OE) | n . | one resembling | goatee |
|  |  | n . | diminutive | bootee, coatee, settee |
|  |  | n . | one connected with | townee, bargee |


| Suffix | Root | Forms | Meaning | Example Derivatives |
| :---: | :---: | :---: | :---: | :---: |
| -eer | -er (F) | v . | to do something | volunteer domineer, commandeer, pioneer, |
| -el | -ellum (L) | n. | diminutive | novel, chapel, hovel, citadel, libel |
| -ella | -ella (L) | n . | diminutive | Cinderella, umbrella, novella-LE, rubella-m |
|  |  | n . | type of bacteria legionella-md, salmonella-md, Tremella-Bb or small organism |  |
| -eme | -eme (F) | n . | unit of linguistic structure | semanteme-lg, morpheme-lg, phoneme-lg, toneme-lg, lexeme-lg, grapheme-lg |
| -en | -nian (OE) | adj. | made of | wooden, golden, earthen, ashen |
|  |  | v. | to make something have a certain quality | frighten, lighten, darken, strengthen, tighten, loosen, enlighten, dampen, quicken, sodden |
|  |  | ppp. | irregular verbs b | broken, chosen, fallen, forgotten, proven, stolen, taken, laden |
|  |  | n.s./pl. |  | linen, children, oxen, heathen, aspen |
| -ence | -entia (L) | n. | state or condition | existence, absence, adolescence, coincidence, dependence, interdependence |
|  |  | n . | action | occurrence, violence, reference, emergence, reticence, abstinence, condescendence, insolence |
| -ency | -entia (L) | n . | state of being something; act of | agency, frequency, efficiency, fluency, clemency, expediency, complacency |
| -end | -endum (L) | n . | that which is to be ...ed | legend, dividend ${ }^{1}$, addend, reverend-r/gk, minuend-M, subtrahend- M , augend- M , solvend-CH |
| -enda | -enda (L) | n.pl. | those which are to be ...ed | agenda ${ }^{2}$, addenda, referenda, credenda-gk, delenda-gk, corrigenda-gk |
| -endo | -endo (L) | grnd. | doing something | crescendo, decrescendo, dimuendo-mu, inquirendo-1, stringendo-mu |
| -endous -endus (L) |  | adj. | of something to be ...ed | tremendous, horrendous, stupendous |
| -endum -endum (L) |  | n.s. | that which is to be ...ed | agendum, referendum, addendum, corrigendum-fl, pudendum-an |
| -ene | -ene (G) | n. | unsaturated organic compound | benzene-CH, ethylene- CH , trinitrotoluene- CH , buckminsterfullerene-CH, footballene-CH |
| -enne | -enne (F) | n . | female | comedienne, doyenne-gk, equestrienne-sp, tragedienne-a |
| -ent | -entis (L) | n./adj. | that which does resident, agent, student, president, something; of a absorbent, regent, torrent, tangent, doing of some- referent thing |  |
|  |  | adj. | being in a state or condition | different, apparent, excellent, reverent, subsequent, incompetent, bivalent-CH |

${ }^{1}$ See note 2, p. 99. ${ }^{2}$ An agenda is etymologically 'those things which are to be done.'


| Suffix | Root | Forms | Meaning | Example Derivatives |
| :---: | :---: | :---: | :---: | :---: |
| -et | -ittum (L) | n. | diminutive | floweret, crochet, duet, pocket, tablet, poppet, sextet, quintet, sonnet, islet, cygnet, ferret (v.), snippet |
| -eth | -eth (OE) | v. | archaic <br> $3^{\text {rd }} \mathrm{ps}$. s. | leadeth, speaketh, giveth, thinketh, sayeth |
| -etic | -eticus (L) | adj. | relating to | genetic, sympathetic, antipathetic, frenetic, dietetic, apathetic |
| -ette | -ittum (L) | n . | diminutive | cassette, kitchenette, dinette, cigarette, diskette, launderette, palette, pipette, vignette, couchette-gk, oubliette-gk, baguette-gs |
|  |  | n . | female | majorette, suffragette, coquette |
|  |  | n . | imitation | leatherette, flannelette, erminette-gk, beaverette-gk |
| -etude | tudo (L) | n . | state or quality of | consuetude-1/gk, hebetude-gk |
| -ety | -ietas (L) | n . | state; quality | gaiety, notoriety, sobriety, inebriety, propriety, impropriety, moiety, dubiety, satiety |
| -eur | -eur (F) | n. | one who | amateur, masseur, chauffeur, connoisseur, entrepreneur, raconteur, voyeur-fl, arbitrageur-\$, chanteur-mu, restaurateur-fl, poseur-gk |
|  |  | n . | state; quality | grandeur, hauteur, de rigueur |
| -euse | -euse (F) | n. | female | masseuse, chanteuse-mu, dormeuse-gk, vendeuse-fs |
| -ey | -ig (OE) | adj. | full of, having | clayey, skyey, gooey, gluey, mosquitoey |
|  | -atum (L) | n. |  | attorney, valley, alley, journey, volley |
| -fold | -feald (OE) | adj. | a number of kinds |  |
|  |  | adv. | a number of times | fourfold, tenfold, twofold |
| -ful | full (OE) | adj. | filled with | playful, eventful, cheerful, joyful, scornful, wrathful, willful, fitful, wistful, rueful, dreadful |
|  |  | n. | amount to fill something | cupful, barrelful, teaspoonful, pailful, glassful |
|  |  | adj. | that carried by a part of the bo | armful, handful, bellyful dy |
| -fully | $\begin{aligned} & \text { full (OE) + } \\ & \text {-lic (OE) } \end{aligned}$ | adv. | full in a certain way | cheerfully, playfully, thoughtfully, gracefully |
| -gate | Water(gate) (E) | n . | government scandal | Irangate-ps, Watergate-ps, Iraqgate-ps, Whitewatergate-ps |
| -head | heafod (OE) | n. | top of | letterhead, arrowhead, figurehead |
|  |  | n . | source; beginning | wellhead, riverhead, fountainhead, trailhead-sp |
|  |  | n. | state | maidenhead-gk, Godhead-r |


| Suffix | Root | Forms | Meaning | Example Derivatives |
| :---: | :---: | :---: | :---: | :---: |
| -hood | -hœdu (OE) | n . | period of time; state | womanhood, maidenhood, boyhood, girlhood, likelihood, unlikelihood, manhood, parenthood, childhood, adulthood, falsehood |
|  |  | n . | certain group | brotherhood, sisterhood, priesthood |
| -i | -i (L) | n.pl. |  | foci, fungi, cacti, radii, stimuli, loci, stimuli, termini, alumni-gk |
|  | -i (I-I) | n . | person from a certain country | Israeli, Pakistani, Iraqi |
|  |  | adj. | of a certain country | Bengali, Israeli, Pakistani, Qatari |
| -i- | -i- (L) | infix | connective | quadrilateral, horrify, collegiate, proliferate, herbivorous, homicide, impartial, plumbiferous-gk, rotifer-Bz, clavichord-mu |
| -ia | -ia (L) | n . | abnormal or pathological condition | amnesia, insomnia, anorexia, paranoia, hysteria, pneumonia, hypochondria, aphasia, bulimia-md, neuralgia-md, mastalgia-md, myopia-md |
|  | -ia (L) | n . | areas on the map | Tasmania, Virginia, Indonesia, California, Pennsylvania, Philadelphia |
|  | -ia (L) | n.pl. | things relating or belonging to | tabloidia, Marylandia, memorabilia, paraphernalia, luminaria, regalia, personalia-fl, realia-ed, saturnalia-gk |
|  | -ia (L) | n.pl. | classes of the animal kingdom | Mammalia-Bz, Reptilia-Bz, Marsupialia-Bz, Amphibia-Bz |
| -iac | -iacus (L) | n./adj. | of or connected with | amnesiac, maniac, zodiac, elegiac, cardiac, aphrodisiac |
| -ial | -ialis (L) | adj. | of or related to | commercial, judicial, initial, cordial, extraterrestrial, territorial, celestial, dictatorial, manorial-gk, bronchial-an |
| -ian | -ianus (L) | n . | one belonging to; occupation | Bostonian, mathematician, physician, historian musician, Christian, statistician, politician, technician |
|  |  | adj. | belonging to; characteristic of | Christian, barbarian, Italian, Parisian, plebeian, equestrian, Dickensian-LE, Tennysonian-LE, Wordsworthian-LE |
| -iana | -iana (L) | n.pl. | pieces of information about | Johnsoniana-LE, collegiana-gk, Vergiliana-LE, Jeffersoniana-h/LE |
| -iasis | -iasis (G) | n . | morbid state or condition | psoriasis-md, elephantiasis-md, taeniasis-md |
| -ibility | habilis + -itas (L) | n. | state or condition | possibility, visibility, responsibility, compatibility, plausibility, sensibility |
| -ible | habilis (L) | adj. | handy, capable of | possible, visible, responsible, compatible, plausible, sensible, gullible |
| -ibly | $\begin{aligned} & \text { habilis (L) + } \\ & \text {-lic (OE) } \end{aligned}$ | adj. | handy in a certain way | possibly, visibly, responsibly, sensibly, plausibly, incontrovertibly |
| -ic | -icus (L) | adj. | of or like a person or thing | photographic, alcoholic, angelic, whimsical, polysyllabic, bucolic, volcanic, generic, gothic, lackadaisical, cherubic, acoustic, quixotic |


| Suffix | Root | Forms | Meaning | Example Derivatives |
| :---: | :---: | :---: | :---: | :---: |
| -ic | -icus (L) | n . | one affected by an unusual condition | alcoholic, lunatic, anorexic, paraplegic, quadriplegic, bulimic-md |
|  |  | n./adj. | one relating to; characterized by | academic, domestic, mechanic, Catholic, rustic, agnostic, propaedeutic-ed |
| -ical | -icalis (L) | adj. | of or relating to | historical, comical, tragical, grammatical, satirical, economical, rhetorical |
| -ically | -icalis (L) + <br> -lic (OE) | adv. | pertaining to in a certain way | historically, comically, tragically, grammatically, satirically, economically, rhetorically |
| -ice | -itium (L) | n . | act or period of | justice, service, cowardice, novice, malice, apprentice, avarice |
| -ician | -icien (OF) | n . | practitioner in a certain field | beautician, mortician, magician, optician, electrician, rhetorician, tactician, arithmetician |
| -ics | -ikos (G) | n . | study or knowledge of | electronics, mathematics, linguistics, ethics, politics, physics, statistics, classics, mechanics, cybernetics, acoustics, phonetics, metaphysics- $\Phi$, economics- $\$$ |
|  |  | n.pl. | actions | athletics, acrobatics, gymnastics, heroics, hysterics |
| -id | -idus (L) | adj./n. | of or relating to | liquid, acid, putrid, rancid, pallid, torpid, frigid, morbid, rabid, turbid, vapid, gravid-md/Bz |
| -ide | ox(ide) (E) | n . | binary compound | cyanide- CH , chloride- CH , fluoride- CH , sulfide- CH , sulphide- CH , bromide- CH , dioxide-CH |
| -ie | -ie (ME) | n. | familiar or pet name | Keegie-Weegie, sweetie, Suzie, laddie, lassie |
|  |  | n . | small one | goatie, sheepie, doggie, brownie, kiddie tax-\$ |
|  |  | n. | one having to do with | townie, roadie, goalie |
| -ier | -arius (L) | n. | that which does something | carrier, cashier, flier, barrier, courier, cavalier, harrier, dossier, currier, currier-gk, chevalier-gk, grenadier-ms, gondolier-gk, bombardier-ms |
| -il | -ilis (L) | adj./n. | of or relating to | fossil, utensil, civilization, uncivil, civil, civilized |
| -ile | -ilis (L) | adj./n. | tending to do or be something | fragile, mobile, docile, virile, volatile, juvenile, labile, retractile |
|  |  | n. | division of a certain size | percentile, sextile-M, quartile-M |
| -ilent | -ilentum (L) | adj. | rich in, full of | pestilent |
| -ility | -ilitas (L) | n . | state; quality | infertility, fertility, ability, fragility, civility, agility, docility, ductility, facility |
| -ily | -lic (OE) | adv. | in a certain way or manner | happily, bumpily, noisily, fussily, arbitrarily, cursorily, peremptorily |


| Suffix | Root | Forms | Meaning | Example Derivatives |
| :---: | :---: | :---: | :---: | :---: |
| -in | -inus (L) | n. | neutral chemical compound | melanin, iodopsin- BCM , niacin- BCM , insulin - $\mathrm{BCM} / \mathrm{md}$, albumin-BCM, thiamin- BCM |
|  |  | n. | antibiotic | penicillin, erythromycin-md, neomycin-md |
| -ina | reg(ina) (L) | n. | feminine nouns | Georgina, Angelina, ballerina, czarina-ps, tsarina-gk |
|  |  | n. | musical instruments | concertina-mu, ocarina-mu, cavatina-mu |
| -ine | $\frac{\text { reg(ina) }(\mathrm{L})}{\text {-inus }(\mathrm{L})}$ | n. | feminine nouns | heroine, Josephine, Caroline |
|  |  | adj. | of or relating to | canine, feminine, masculine, divine, feline, marine, genuine |
|  |  | adj. | made of, resembling | crystalline, adamantine, opaline, aquamarine |
|  |  | n . |  | medicine, urine, discipline, rapine, doctrine |
|  |  | n . | halogen | chlorine, bromine, fluorine, iodine, astatine-CH |
|  |  | n. | compound mixture | gasoline, benzine-CH/gk |
|  |  | n . | trade names | dentine-gk, nectarine-gk, brilliantine-gk |
| -ing | -ende (OE) | pap. | a or of a continuous action | singing, eating, loving, advocating, alleviating, cajoling, rambling |
|  |  | adj. |  | trying, freebooting, cunning, swashbuckling, hulking, strapping, tottering, grueling, scathing |
|  |  | prep./ adv. |  | concerning, notwithstanding, during |
|  |  | n. | coins or fractional parts | shilling-gk, farthing-gk, tithing-gk |
|  |  | grnd. | action or process of doing | singing, eating, drinking, condoning, corroborating, abridging |
|  |  | n. | material, process, act, collective, result | housing, shipping, blessing, killing, drawing, siding, bedding, meeting, painting, curtaining, lining |
|  |  | n . | one possessed of the quality of; one of a specified kind | bunting-gk, sweeting-gk, herring-gk, whiting-gk, wilding-gk, underling-gk |
| -ion | -ionis (L) | n. | act, state, or result of doing something | completion, election, attention, champion, ambition, solution, digression, diminution, oblivion |
| -ior | -ior (L) | adj. | more of something | junior, senior, exterior, superior, interior, ameliorate, posterior, anterior |
| -ious | -iosus (L) | adj. | of the nature of | ambitious, nutritious, religious, spacious, malicious, capricious, censorious, contentious |
| -is | -is (I-I) | n.pl. | people from a certain country | Israelis, Pakistanis, Iraqis |
| -isation | $\begin{aligned} & \text {-izein (G) + } \\ & \text {-ationis (L) } \end{aligned}$ | n . | action, process, or result | civilisation, hospitalisation, modernisation, crystallisation, sterilisation, rationalisation |
| -ise | -izein (G) | v. | to make have a certain quality; treat in a certain way | modernise, legalise, fertilise, civilise, memorise, realise, privatise, Americanise, harmonise, organise, crystallise, formalise, idolise, anesthetise, materialise, lionise, Romanise, commercialise, sterilise |


| Suffix | Root | Forms | Meaning | Example Derivatives |
| :---: | :---: | :---: | :---: | :---: |
| -ise | -izein (G) | v. | to speak or think in a certain way | sentimentalise, soliloquise, sermonise, rationalise, theorise, philosophise |
|  |  | v. | to put into a certain place | hospitalise, institutionalise |
|  |  | v. | to act in a certain way | advertise, surprise, criticise, apologise, plagiarise, agonise, empathise, dramatise, monopolise |
| -ish | -isc (OE) | n. | people or language | Irish, British, Spanish, English |
|  |  | adj. | of a people or language | Irish, British, Spanish, English |
|  |  | adj. | typical of a certain person, usually undesirable | childish, foolish, snobbish, selfish, devilish, peevish, mulish, ghoulish, fiendish, churlish, waggish, mawkish, puckish, pettish |
|  |  | adj. | verging upon, somewhat | youngish, greenish, coldish, warmish, feverish, bookish |
|  |  | adj. | approximately | tenish, thirtyish |
|  | -iss- (F) | v. | to do something | finish, punish, vanish, flourish, abolish, banish, demolish, burnish |
| -ism | -ismus (L) | n. | set of beliefs; name of a certain system | Hinduism, Buddhism, liberalism, conservatism, sexism, capitalism, fascism, pacifism, dogmatism, hedonism, racism, chauvinism, nihilism, simplism, solipsism, jingoism, Quakerism-r, neo-Platonism- $\Phi$, Neo-Scholasticism- $\Phi$ |
|  |  | n . | action or process of doing something | criticism, terrorism, hypnotism, exorcism, journalism, exclusivism, ostracism, plagiarism, incendiarism |
|  |  | n. | characteristic behavior, quality, or principled act | heroism, patriotism, scoundrelism, altruism, egocentrism, magnetism, despotism, barbarism |
|  |  | n. | illness caused by a surfeit of something; pathological condition | alcoholism, albinism-md, hexadactylism-md, sexdigitism-md, morphinism-md, plumbism-md, infantilism-md, hirsutism-md, mercurialism-md |
|  |  | n. | state, condi- <br> tion, or <br> property | pauperism, barbarianism, mongolism, microorganism, polymorphism-B/CH |
|  |  | n . | distinctive trait usually of language | colloquialism, archaism, witticism, vulgarism, neologism, malapropism, Orientalism-ap, westernism-gk, Americanism-gk |
| -ist | -istes (G) | n. | one who believes in a certain set of ideas | Buddhist, sexist, chauvinist, atheist, hedonist, pacifist, anarchist, racist |
|  |  | adj. | of a certain set of beliefs | sexist, Buddhist, communist, socialist, racist, leftist |
|  |  | n. | one who performs a certain action | pianist, dentist, biologist, cyclist, clarinetist, linguist, dramatist, novelist, chemist |
| -it- | -it- (L) | infix | frequentative | agitate, habitation, visit, visitation, nictitate-gk, equitation-sp |


| Suffix | Root | Forms | Meaning | Example Derivatives |
| :---: | :---: | :---: | :---: | :---: |
| -ite | -ites (G) | n . | one who lives in a certain place or belongs to a certain group | surburbanite, New Jerseyite, socialite, Brooklynite, Israelite, Semite, metropolite, Sybarite, Sodomite-LE, transvestite-gk, convertite-r, cenobite-r |
|  |  | n./adj. | of or a follower of a particular idea or person | Reaganite, Clintonite, Bushite, Laborite-ps, Jacobite-h, pre-Raphaelite-LE/a, Monophysite-r, Brontëite-LE, Luddite-gk |
|  |  | n . | bodily part | dendrite-an/mn, cellulite-gk, tentaculite-Bz |
|  |  | n . | commercial product | ebonite-gk, vulcanite-gk, Vegemite-gs |
|  |  | n . | biochemical product | metabolite-BCM, nutrilite-BCM, merozoite- Bz |
|  |  | n . | explosive | dynamite, vigorite- CH , melinite- CH , tonite- CH |
| -itious | -icius (L) | adj. | of the nature of | fictitious, adventitious, factitious, excrementitious-gk, tralatitious-gk, supposititious-gk |
| -itude | -itudo (L) | n. | state or quality of | altitude, solitude, attitude, fortitude, magnitude, multitude, gratitude, solicitude, turpitude, lassitude, finitude |
| $\begin{gathered} \text {-itudinous -itudo (L) + } \\ \text {-osus (L) } \end{gathered}$ |  | adj. | pertaining to something | multitudinous, plenitudinous, rectitudinous, pulchritudinous, verisimilitudinous, vicissitudinous, lassitudinous |
| -ity | -itas (L) | n. | state; quality | authority, regularity, celebrity, whimsicality, celerity, normality, calamity, parity, duplicity |
| -ium | -ium (L) | n . | chemical element or group | sodium, calcium, potassium, chromium, selenium, barium, magnesium |
|  |  | n./adj. |  | millennium, biennium, medium, opprobrium, consortium, effluvium, atrium-at/an, bacterium-B |
|  | -ion (G) | n . | diminutive | geranium, podium |
| -ive | -ivus (L) | adj./n. | of or that which does something | adjective, explosive, active, possessive, expletive, impassive |
| -ix | -ix (L) | n. |  | matrix, appendix, appendix-an, vermix-an |
| -ization | $\begin{aligned} & \text {-izein }(\mathrm{G})+ \\ & \text {-ationis (L) } \end{aligned}$ | n . | result, process or action | civilization, hospitalization, modernization, crystallization, sterilization, rationalization |
| -ize | -izein (G) | v. | to make have a certain quality; treat in a certain way | modernize, legalize, fertilize, civilize, memorize, realize, privatize, Americanize, harmonize, organize, lionize, idolize, anesthetize, materialize, crystallize, formalize, Romanize, commercialize, sterilize, bowdlerize |
|  |  | v. | to speak or think in a certain way | sentimentalize, soliloquize, sermonize, rationalize, theorize, philosophize |
|  |  | v. | to put in a certain place | hospitalize, institutionalize |
|  |  | v. | to treat in a certain way | criticize, apologize, plagiarize, agonize, empathize, dramatize, monopolize |
| -kin | -kin (MD) | n . | little; pet name | lambkin, napkin, munchkin, pumpkin, lumpkin, toompkin, manikin, mannikin, bumpkin, bodki |


| Suffix | Root | Forms | Meaning | Example Derivatives |
| :---: | :---: | :---: | :---: | :---: |
| -kins | -kins (MD) | n . | little; pet name | Tompkins, Wilkinson, Jenkins, babykins, Dickinson |
| -less | leas (OE) | adj. | lacking | effortless, witless, motherless, merciless, lifeless, pitiless, artless, graceless, listless, hapless |
|  |  | adj. | beyond the range or influence of | timeless, countless, fadeless, ceaseless, changeless, dauntless, quenchless, resistless, ageless |
| -let | -elet (OF) | n . | small one | froglet, booklet, piglet, leaflet, rivulet, hamlet, playlet |
|  |  | n . | something worn on | bracelet, armlet, anklet |
| -like | gelic (OE) | adj. | similar to | lifelike, childlike, deathlike |
| -ling | -ling (OE) | n . | small, young, less in stature | underling, princeling, duckling, gosling, fatling, witling, fledgling, stripling |
|  |  | n . | one connected with or having the qualities of | worldling, darling, hireling, earthling, nestling, sapling, hatchling, foundling, changeling-gk, fingerling-Bz |
|  |  | adj. | direction; manner; state | groveling, darkling-gk, blindling-gk, eastling-gk |
| -ly | -lic (OE) | adv. | in a particular way or manner | quickly, intelligently, cleverly, slowly, timely, intermittently, continuously, cunningly |
|  |  | adj./ <br> adv. | like a certain person in a certain way | brotherly, queenly, fatherly, sisterly, womanly, rascally, scholarly, miserly, niggardly |
|  |  | adj./ adv. | recurring at regular periods of time | hourly, daily, monthly, yearly, weekly, nightly, biennially, biannually, perennially |
|  |  | adv. | with respect to | politically, financially, educationally |
| $\begin{gathered} \text {-manship }- \text { mann (OE) } \\ + \text {-scaf (OHG) } \end{gathered}$ |  | n . | art or skill; unsettle an opponent | penmanship, seamanship, sportsmanship, showmanship, oneupmanship, marksmanship, gamesmanship, chairmanship-gk, brinkmanship-gk |
| -mat | -matos (G) | n . | willing | Laundromat, vendomat-gk, rotissomat-gk, automat-gk |
| -ment | -mentum (L) | n. | result or product of an action | development, attachment, excitement, improvement, entanglement, fragment, enhancement, filament, atonement |
|  |  | n . | action | government, statement, replacement, experiment, elopement, abridgment, commencement, appeasement, banishment |
|  |  | n . | quality or condition | amazement, arrangement, fulfillment, merriment, involvement, enlightenment, bewilderment, embroilment |
|  |  | n . | means or instrument of a certain action | monument, ornament, instrument, nourishment, payment, ointment, complement, inducement, nutriment, emolument, aliment-gk, medicament-md |
|  |  | n . | place or object of an action | establishment, department, compartment, battlement-at, escarpment-gk, embankment-gk, cantonment-ms |
|  |  | n . | something concrete | garment, vestment-r, habiliment-gk |


| $\frac{\text { Suffix }}{-m o}$ | Root duodeci(mo) (L) | Forms <br> n. | Meaning indicates number of pages | Example Derivatives <br> twelvemo-gk, sixteenmo-gk, twentymo-gk, thirty-twomo-gk |
| :---: | :---: | :---: | :---: | :---: |
| -monial | $\begin{aligned} & 1 \text {-monia }(\mathrm{L})+ \\ & - \text { alis }(\mathrm{L}) \end{aligned}$ | n./adj. | of or resembling a noun in '-mony' | matrimonial, testimonial, patrimonial |
| -moniou | us -monia (L) + -osus (L) | adj. | of or resembling a noun in '-mony' | acrimonious, sanctimonious, querimonious |
| -mony | -monia (L) | n. | product, thing, or result | matrimony, acrimony, sanctimony, testimony, patrimony, alimony-l, palimony-v, querimony-gk |
| -most | -mest (OE) | adj. | nearest to something | outermost, innermost, northernmost, topmost, foremost, utmost |
| -nd | secu(nd)us (L) | adj. | ordinals with 2, except 12 | $2^{\text {nd }}, 42^{\text {nd }}, 72^{\text {nd }}$ |
| -ness | -ness (ME) | n. | state; quality; condition | goodness, cheerfulness, cloudiness, iciness, happiness, bumpiness, hardiness, mousiness, gregariousness, haughtiness, pettiness, garishness, scantiness, wistfulness, staginess |
| -nik | -nik (R, Y) | n. | one connected with a certain activity or belief | peacenik, neatnik, computernik, beatnik-gk, nudnik-gk, Freudnik-gk, sputnik-as |
| -0 | oh (E) | n . | colloquialism; friendly slang; variant speech | kiddo, boyo, bucko, daddy-o, ammo, combo |
| -0- | -o- (G) | infix | connective | democracy, philodendron, dinosaur, dermatology, orthodox, iconoclast, dendrochronology-Bb, chrysolite-mn, dactylogram-gk |
| -ock | -oc (OE) | n . | small | hillock, buttock, haddock, tussock-gk, hummock-gk, ballock-gk, bullock-ag, paddock-ag, pollock-Bz, cassock-f |
|  | -og (I) | n . | small | shamrock, Tir Nan Og-my |
| -ol | alcoh(ol) (E) | n . | alcohol or phenol | methanol-CH, ethanol-CH, butanol-CH |
| -olent | -olentus (L) | adj. | rich in, full of | violent, somnolent, vinolent-gk, sanguinolent-md |
| -oma | -oma (G) | n. | tumor or mass | lipoma-md, carcinoma-md, glaucoma-md, melanoma-md, myxoma-md |
| -ome | -oma (G) | n . | mass; part of plant anatomy | biome-gk, rhizome- Bb , leptome- Bb , mestome- Bb |
| -on | ion (G) | n. | subatomic particle | electron, proton, neutron, muon-PH, baryon-PH, meson-PH, waitron-gk |
|  |  | $\begin{aligned} & \mathrm{n} . \\ & \mathrm{n} . \end{aligned}$ | quantum; unit biochemical hereditary units | photon, graviton- PH , magneton- PH , phonon-PH transposon-BCM, codon-BCM, operon-BCM, muton-BCM |


| Suffix | Root | Forms | Meaning | Example Derivatives |
| :---: | :---: | :---: | :---: | :---: |
| -on | -on (G) | n . | noble gas | neon-CH, krypton-CH, argon-CH, xenon-CH, radon- CH |
|  | -on (G) | n. |  | dragon, philodendron, decathlon, criterion, $h$ horizon, automaton, dendron-an, archon-gk/h, mitochondrion-BCM |
|  |  | n. | indicates either gender | actron, waitron |
| -one | -one (G) | n. | ketone | acetone- CH , benzophenone- CH , propanone- CH , hexanone- CH , butanone- CH |
| -or | -or (L) | n . | someone that performs a specific action | inventor, actor, donor, editor, governor, solicitor, censor, transgressor, proctor |
|  |  | n. | something that performs a specific action | tumor, interceptor, carburetor, motor, equator, factor, precursor, succor, nuclear reactor, perambulator-gk |
|  |  | n. | state; quality; activity | error, honor, horror, fervor, pallor, candor, torpor, rancor |
|  |  | n. | thing for; place for | mirror, parlor, cursor, scissors, manor-gk, incisor-dt |
|  |  | v. | to do something | scissor, honor, color, clamor, factor, proctor |
| -orium | -orium (L) | n. | place for; thing used for | auditorium, crematorium, natatorium, moratorium, emporium, scriptorium-h, fumatorium-gk, sanatorium-md, ambulatorium-md, digitorium-mu |
| -ory | -orius (L) | adj. | of or relating to | sensory, contradictory, introductory, cursory, peremptory, illusory, valedictory, perfunctory |
|  | -orium (L) | n . | place for; <br> thing used for | memory, directory, factory, armory, dormitory, advisory, repository, accessory |
|  |  | n . | place; thing | victory, territory, promontory, trajectory |
| -os | -os (Gr.) | n. |  | rhinoceros, cosmos, mythos, Helios-my |
| -ose | gluc(ose) (G) | n . | carbohydrates, notably sugars | glucose, sucrose, fructose-CH/md, dextrose-CH, lactose-CH |
|  | -osus (L) | adj. | full of, having | morose, verbose, bellicose, grandiose, otiose, globose |
| -oses | -oses (G) | n.pl. | see '-osis' | metamorphoses, symbioses, psychoses, neuroses-PS, narcoses-md |
| -osis | -osis (G) | n . | diseased condition | psychosis, tuberculosis, osteoporosis, arteriosclerosis, multiple sclerosis, cirrhosis-md, neurosis-PS, cystic fibrosis-md, thrombosis-md |
|  |  |  | state; process; condition | hypnosis, metamorphosis, meiosis, mitosis, symbiosis, apotheosis, osmosis |
| -osity | $\begin{aligned} & \text {-osus (L) } \\ & -\mathrm{itas}(\mathrm{~L}) \end{aligned}$ |  | n. | verbosity, grandiosity, porosity, monstrosity, globosity |
| -otic | -oticus (L) | adj./n. | relating to or a person with a diseased condition | neurotic, psychotic, osteoporotic, cirrhotic-md, sclerotic-md, stenotic-md |


| $\frac{\text { Suffix }}{\text {-otic }}$ | $\frac{\text { Root }}{\text {-oticus (L) }}$ | Forms adj./n. | Meaning <br> relating to or something bringing about a process or stat | Example Derivatives hypnotic, orthotic, patriotic, antibiotic, symbiotic, chaotic |
| :---: | :---: | :---: | :---: | :---: |
| -ous | -osus (L) | adj. | possessing, of the nature of | joyous, dangerous, nervous, wondrous, monstrous, fastidious, ambiguous, autonomous, boisterous |
|  |  | adj. | having a valence less than compounds or ions in '-ic' | ferrous-CH, sulfurous-CH, sulphurous-CH |
| -penia | penia (G) | n. | lack of | leukopenia-md, erythropenia-md, thrombopenia-md |
| -rd | thi(rd) (E) | adj. | ordinals with <br> 3, except 13 | 3 rd , 33 rd, 93 rd |
| -ry | -arius (L) | n . | place for | vestry-r |
|  |  | n. | quality or condition ${ }^{2}$ | chivalry, pleasantry, outlawry, bigotry, ribaldry, rivalry |
|  |  | n . | act or practice ${ }^{2}$ | chemistry, wizardry, dentistry, revelry, devilry, heraldry |
|  |  | n. | product of an action | poetry, tapestry |
|  |  | n . | aggregate | infantry, peasantry, citizenry, jewelry |
| -S | -es (OE) | n.pl. |  | books, cups, lakes, words, constraints, euphemisms, opportunists |
|  |  | v. | 3rd ps.s. pres. tense | eats, runs, puts, reads, sleeps, affirms, sanctions, retracts |
|  |  | adv. |  | nights, Sundays, unawares, always |
| -'s | -es (OE) | n.s. ${ }^{3}$ | possessive | dog's, cat's, women's, book's, Cyclops's |
| -s' | -es (OE) | n.pl. | possessive | dogs', cats', hearts', books', ascetics', hedonists', zealots' |
| -ship | -scaf (OHG) | n. | a certain rank, job, or position, or its duration | citizenship, lordship, authorship, stewardship, apprenticeship, professorship |
|  |  | n. | state of having, being, or doing something | membership, relationship, championship, partnership, friendship, ownership, courtship, hardship, worship, fellowship, censorship, kinship, partisanship |
|  |  | n . | a certain art or skill | musicianship, scholarship, kingship, artisanship |
|  |  | n. | group of people | readership, subscribership, township, sponsorship |
|  |  | n. | honorifics; mock titles | lordship, ladyship, monkeyship |
| -smith | smith (OE) | n . | a maker or worker in | blacksmith, silversmith, locksmith, goldsmith, coppersmith, wordsmith, tunesmith-mu |

${ }^{1}$ Such as 'ferric, 'sulfuric,' and 'chloric.' ${ }^{2}$ Some of these derivatives are interchangeable and could be used under both semantic headings. ${ }^{3}$ Used primarily to form the possessive of singular nouns, but may also form the possessive of plural nouns not ending in '-s,' and certain pronouns and phrases, e.g. 'other's' and "He has the next die's toss."

| Suffix | Root | Forms | Meaning | Example Derivatives |
| :---: | :---: | :---: | :---: | :---: |
| -some | -sum (OE) | adj. | of behaving in a certain way, or having a certain quality | troublesome, bothersome, fearsome, awesome, lonesome, loathsome, irksome, meddlesome, burdensome, toothsome, winsome, fulsome |
|  |  | n. | group with a certain number | threesome, foursome, twosome |
| -speak | new(speak) (E) | n . | specialized language | newspeak, lawyerspeak, computerspeak, technospeak |
| -st | -est (OE) | adj. | ordinals with <br> 1 , except 11 | $1^{\text {st }}, 21^{\text {st }}, 91^{\text {st }}$ |
|  |  | v.s. | archaic $2^{\text {nd }} \mathrm{ps}$. s. | didst, canst, failedst |
| -ster | -estre (OE) | n. | person involved trickster, roadster, gangster, jokester, songster, with a certain youngster, oldster, spinster, teamster, punster activity or that has a certain attribute |  |
| -stress | -estre (OE) | n. | female doing something | seamstress, songstress |
| -sy | -tia (L) | n . | act of | minstrelsy |
|  |  | v . |  | prophesy |
| -th | -thu (OE) | adj. | fractional or ordinal number except first, sec ond, and third | fortieth, seventh, tenth, thousandth, billionth, 19 th, $7^{\text {th }}$ |
|  |  | n. | state or quality of being or doing something | health, truth, depth, length, warmth, growth, dearth, breadth, stealth, mirth |
|  | -eth (OE) | v.s. | archaic <br> 3rd ps. s. | doth, hath, saith |
| -tress | -estre (OE) | n. | female doing something | huntress, directress, waitress |
| -trix | -trix (L) | n. | female connected with a certain thing | aviatrix-gk, legislatrix-l, mediatrix-gk, victrix |
|  |  | n. | geometric line, point, or surface | directrix-M, generatrix-M, trisectrix-M |
| -tude ${ }^{1}$ | -tudo (L) | n . | state or quality of | quietude, disquietude, desuetude, mansuetude-gk, consuetude-gk/l |
| -ty | -tas (L) | n . | state; quality | beauty, certainty, honesty, loyalty, safety, fealty, amnesty, casualty |
| -ubility | $\begin{aligned} & \text { habilis (L) + } \\ & \text {-itas (L) } \end{aligned}$ | n . | state or condition | solubility, volubility |
| -uble | habilis (L) | adj. | handy, capable of | soluble, voluble |

[^171]| $\frac{\text { Suffix }}{-u b l y}$ | Root <br> habilis (L) <br> + -lic (OE) | Forms adv. | Meaning handy in a certain way | Example Derivatives volubly |
| :---: | :---: | :---: | :---: | :---: |
| -ul- | -ulum (L) | infix | diminutive | formula, calculus, circulation, Dracula, pendulous, encapsulation, recapitulation, acidulous, ejaculation, matriculate, tuberculosis-md, acicula-B/mn, aedicule-at, ovulate-B |
|  |  | infix | repeated action | credulous, tremulous, garrulous, jocular, bibulous |
| -ular | -ularis (L) | adj. | of, relating to, or resembling | regular, cellular, circular, muscular, tubular, valvular, globular, granular |
| -ule | -ulum (L) | n . | diminutive | capsule, globule, valvule, tubule, pustule, granule, nodule |
| -ulent | -ulentus (L) | adj. | rich in, full of | fraudulent, corpulent, turbulent, truculent, opulent, virulent, esculent, purulent, querulent, flatulent-gk, aurulent-gk, luculent-gk |
| -um | $\begin{aligned} & \text {-um (L) or } \\ & \text {-on (G) } \end{aligned}$ | n.s. |  | cranium, curriculum, vacuum, museum, conundrum, momentum, spectrum, forum, continuum, phylum-B/lg, cerebrum-an, dorsum-an, ovum- Bz , quantum- $\mathrm{PH} / 1$ |
| -uncle | -unculus (L) | n. | diminutive | uncle, carbuncle-md/gm, caruncle-B, furuncle-md |
| -uncula | $\begin{aligned} & \text { ar -unculus (L) } \\ & \text {-aris (L) } \end{aligned}$ | adj. | pertaining to a dimunitive | avuncular, carbuncular-md/gm, dracuncular-Bb |
| -und | -undum (L) | adj. | of the nature of | fecund, jocund, fecundity, orotund, rotund, facund-gk |
| -uous | -uosus (L) | adj. | of the nature of, tending to | deciduous, sinuous, conspicuous, tenuous, vacuous, assiduous, fatuous, exiguous, presumptuous |
| -ure | -ura (L) | n . | shows actions or results | nature, procedure, failure, exposure, picture, pressure, closure, censure, composure |
|  |  | n . | function; office; collective body | legislature, judicature, prelature-r, prefecture-gk |
| -urn | -urnus (L) | adj./n. | resembling | auburn, journey, taciturn, adjourn, sojourn, nocturn-r, nocturne-mu/a |
| -urnal | $\begin{aligned} & \text {-urnus (L) + } \\ & \text {-alis (L) } \end{aligned}$ | adj. | active during a given period | diurnal, nocturnal |
| -us | -us (L) | n.s. ${ }^{1}$ |  | focus (n.), focus (v.), cumulus, discus, fungus, radius, stimulus, locus, animus, terminus, genus-B/Ф, alumnus-gk, cirrus-mt |
| -ward | -weard (OE) | adj./ adv. | towards something; in a certain direction in time or space | downward, upward, forward, homeward, afterward, windward, wayward |

${ }^{1}$ And very rarely a verb, such as in the case of 'focus.'

| Suffix | Root | Forms | Meaning | Example Derivatives |
| :---: | :---: | :---: | :---: | :---: |
| -wards | -weard (OE) | adv. | towards something; in a certain direction in time or space | northwards, skywards, afterwards, inwards |
| -ware | waru (OE) | n. | software or that used in operating a computer | software, hardware, groupware, shareware, freeware, crippleware-gk, vaporware-gk, mindware-gk, middleware-CS |
|  |  | n. | things used for preparation and serving of food | tableware, dinnerware, kitchenware, ovenware, metalware |
|  |  | n. | home goods made of a certain material | glassware, silverware, hardware |
| -ways | weg (OE) | adv. | in a certain way, course, or manner | always, sideways, crossways, longways, edgeways |
| -wise | -wise (OE) | adv. | indicates to which feature one is referring | stylewise, profitwise, timewise, moneywise, soulwise, pricewise |
|  |  | adv. | direction | lengthwise, counterclockwise, widthwise |
|  |  | adv. | manner, way | likewise, otherwise, nowise, leastwise |
| -worthy | weorth (OE) | adj. | deserving of | trustworthy, blameworthy, noteworthy, praiseworthy |
|  |  | adj. | suitable or safe for | crashworthy, seaworthy |
| -wright | wyrhta (OE) | n . | one who constructs or repairs something | playwright, wheelwright, shipwright, wainwright-gk, millwright-gk |
| -y | -ig (OE) | adj. | full of, having, marked by | greedy, stony, happy, flowery, fatty, dirty, sugary, bumpy, noisy, feisty, thrifty, miry, chary |
|  |  | adj. | like or typical of something | summery, wintry, flowery, papery, leathery, waxy, Hollywoody, mousy, rabbity, catty, pithy, dingy, stagy |
|  |  | adj. | having a quality or feeling | messy, curly, chilly, toasty, teary, yummy, cheesy, queasy |
|  |  | adj. | apt to do something; giving occasion to a certain action | sleepy, clingy, chatty, drowsy, mopey, rollicky |
|  |  | adj. | fond of something | horsy, outdoorsy, woodsy |
|  | -y (ME) | n . | pet or familiar name | mommy, daddy, Suzy, Tommy, deary |
|  |  | n . | small one | doggy, filly, kitty, piggy, baby |
|  | -ia (L) | n. | condition; quality; state | industry, honesty, jealousy, democracy, anatomy, folly, glory, villainy, blasphemy apathy, empathy, philosophy, whimsy |
|  |  | n. | activity $^{1}$ | cookery, robbery, archery, snobbery, colloquy |
|  |  | n . | instance of a certain action | treachery, sympathy, courtesy, entreaty, inquiry, calumny, expiry-1 |

[^172]| Suffix | Root | Forms | Meaning | Example Derivatives |
| :---: | :---: | :---: | :---: | :---: |
| -y | -ia (L) | n . | place for an activity ${ }^{1}$ | cannery, brewery, bakery, fishery, study, treasury, hatchery, smithy |
|  |  | n . | result or product of an activity | laundry, injury, perjury |
|  |  | n. | body, group, or collection | soldiery, company, family, library, navy |
|  |  | n . | country names | Germany, Italy, Brittany |
|  | -atus (L) | n. |  | county, duchy, treaty, army, delivery, entry |

## Appendix III: Supplementary Prefixes

The vast majority of prefixes that are used in the formation of English words are classical in origin. As such, they have already been detailed in either the trees or the seedlings above. There are, nevertheless, a few non-classically derived prefixes that are used with some regularity in English-these are the focus of this appendix. n.b. Some prefixes, especially of a technical nature, are also used as primary morphemes, viz. 'benz-,' 'bor-,' and 'quin-.'

Abbreviations ${ }^{1}$ :

| Languages |  |  |  |
| :---: | :---: | :---: | :---: |
| Ar. | Arabic |  |  |
| Ch. | Chinese |  |  |
| OR. | Old Russian |  |  |
| Pers. | Persian |  |  |
| Sp. | Spanish |  |  |
| $\underline{\text { Prefix }}$ | Meaning | Etymology an (OE)-on | Sample Derivatives |
| a- | in, at, to, or on something |  | abed, ashore, afoot, aboard |
|  | particular state or way |  | asleep, afloat, aflame, ablaze, alive, a-tingle, a-laughing |
|  | in a certain direction |  | astern, aback, aloft |
| be- | to treat or be affected in a certain way | be- (OE)on all sides | bewitch, belittle, berate, besmirch, bewilder, berate, bedazzled, bemoan, belated, begrime, bemangle, befogged, bequeath, belie, bereave, bereft, besmear, begrudge, bestow, betoken, beguile, bedraggled, besmutted, beget, begotten |
|  | wearing or covered by |  | bespectacled-gk, behooded-gk, becloaked-gk |
| benz- | benzene; benzoic acid | luban jawi (Ar)frankincense of Java | benzene- CH , benzine- $\mathrm{CH} / \mathrm{gk}$, tetrabromobenzene- CH , phenoxybenzamine-md, trinitrobenzene-CH |
| benzo- ${ }^{2}$ | benzene; benzoic acid | luban jawi (Ar)frankincense of Java | benzophenone-CH, benzocaine-dt/md, tetrachlorobenzoparadioxin-CH, benzoquinone- CH , sodium benzoate- CH |
| bor- | borax | burah (Pers.)borax | boron, borate- CH , boride- CH , borax- $\mathrm{CH} / \mathrm{gk}$, borane- CH , boric acid- CH , boride- CH |
| boro- | borax | burah (Pers.)borax | borosilicate-CH, borofluoride-CH, boroglyceride-CH, borohydride-CH |
| by(e)- | by | bi, be (OE)-by | bygone, bygones, bypass |
|  | less important; secondary |  | bystander, byway, byways, bylaw, by-product, byproduct, by-election, bye-election, |
| for- | prohibition, exclusion; thoroughly, completely | for- (OE)- <br> forward, forth | forbid, forget, forever, forgo, forwent, forgone, forbear, forswear, forsworn, forsake, forsook, forsaken, forbearance, forlorn |
| ${ }^{1}$ Please simply most di | see the abbreviations in App the infix acting as a connect ctionaries do so for the sake | endix II, p. 630; ad ve, and should tec of clarity; see intro | ditional languages are listed below. ${ }^{2}$ The $o$ of benzo- is hnically not be counted as an extra prefix, although duction to Appendix II, p. 630. |


| Prefix | Meaning | Etymology | Sample Derivatives |
| :---: | :---: | :---: | :---: |
| fore- | placed at the front; in front of | fore ( OE )in front | forefront, forename, forelegs, foreshore, forehead |
|  | before; beforehand |  | forewarn, forethought, foretell, forestall, foreword, foregone, foreshadow, foreshadowing, forejudge, foreknowledge, foreboding, forecast |
| mis- | bad, badly | missa- (Gm)- <br> astray, amiss | misfortune, misbehave, mischief, mischievous, misadventure, misbegotten, mischance, mishap |
|  | wrong, wrongly |  | misdeed, miscalculate, miscount, misgiving, misconceived, misapply, misalliance, misnomer, misapprehension, misappropriate, misconstrue |
|  | failure; lack of |  | mistrust, mishear, misheard, misfire |
| out- | forms nouns and adjs. from verbs followed by 'out'1 | ut (OE)-up, out | outbreak, outburst, outlook, outspoken, outcast, outcry |
|  | outside or beyond something |  | outbuilding, outhouse, outlaw, outdoor, outdoors, outlying, outgoing, outlandish, outmoded |
|  | being or becoming greater than |  | outgrow, outlive, outnumber, outstanding |
|  | doing better than someone |  | outfox, outwit, outrun, outdistance, outclass, outclassed, outface, outflank, outmaneuver, outmanoeuvre |
| over- | too much, excessively | ofer (OE)-over | overpower, overweight, overcharge, overdose, overpowering, overweening, overrated, overestimate (v.), overestimate (n.), oversimplify, oversimplification, overwrought |
|  | above; beyond; across |  | overseas (adj.), overseas (adv.), overrule, overboard, overnight, overruled, overarching, overlord, override, overriding, oversight |
|  | outer; upon; covering |  | overcoat, overlie, overground, overlay (v.), overhang (v.), overhang (n.), overlay (n.), overshadow |
|  | additional; over and above |  | overtime, overdue, overjoyed, overshoot, overachiever, overdrive, overtone |
|  | invert, change position; on the other side |  | overturn, overthrow (n.), overthrow (v.), overleaf, overhaul (n.), overhaul (v.) |
| quin- | cinchona bark | quina ( Sp )cinchona bark | quinine-md, chloroquine-md, pentaquine-md quinacrine hydrochloride-md/CH, quinidine-md, quinone- CH , quinoid- CH , quinacridone- CH , quinoline- CH , hydroquinone- CH , quinol- CH quinazoline- CH , benzoquinone- CH |
| ribo- | a pentose sugar | ribo(se) (E)pentose sugar | deoxyribonucleic acid, RNA, ribonucleic acid, DNA, ribose-BCM, ribosome-BCM, riboflavin- BCM , ribonucleoprotein- BCM |



| Prefix | Meaning | Etymology | Sample Derivatives |
| :---: | :---: | :---: | :---: |
| up- | at or towards the top, beginning, or better part of | up (OE)-up | uphill, upriver, upstairs (adv.), upstairs (n.), upstairs (adj.), upfront (adj.), upfront (adv.), upshot, upstage (adv.), upscale, upmarket-\$ |
|  | taking something from its place or inverting it |  | upload (n.), upload (v.), upset (adj.), upset (v.), upturn, upturned, uproot, upend, upheaval, uprising, upset (n.), upstage (v.), upstart (n.), upstart (adj.) |
|  | intensive; thorough |  | uproarious, upstanding, upbraid |
| yester- | before the indicated period of time; last | geostran (OE)-yester- | yesterday (n.), yesterday (adv.), yesteryear, yesternight, yestreen-gk |

## Appendix IV: Supplementary Vocabulary

A small percentage of exam vocabulary is not derived from classical roots. This appendix lists important SAT and GRE words that are not derived from Greek or Latin, many of which, however, are cognates of the classical languages. A contextual sentence ${ }^{1}$ is given to help retain the meaning of the SAT and GRE Level I words; most of the GRE Level II words are included in a small story to enhance mnemonic retention. A good exercise after ascertaining what each word means is to find a classically-derived synonym.

## ISEE; SSAT; PSAT; SAT; GRE Level I

Abiding: Brett possesses a profound, abiding love for Camel's Hump that he has felt ever since he scaled it over two decades ago.
Ail: Although Cassandra is ailing from a two-year battle against ovarian cancer and can no longer run competitively, her outlook on life is nevertheless remarkably optimistic. Akin: When Carl visited northern New Mexico last year, he experienced a striking feeling akin to belongingness, almost as if he had lived there in a past lifetime.
Aloof: My girlfriend often becomes aloof if I do something she dislikes: she gives me the cold shoulder and simply will not look me in the eye.
Angst: Max struggled through a great deal of personal angst after he lost his wife, his job, and both of his parents in one horrifying year.

Balk: Maxine balked at the career opportunity because it involved a move far away from all her friends and family.
Banal: Josh's life has become so banal that he himself is beginning to resemble the manila envelopes he perpetually stuffs at his vanilla, assembly-line, repetitive job. Bane: The bane of Jocko's poker success was Richard: he could never beat him in a game of Texas Hold 'Em even if his life depended upon it.
Bedlam: Bedlam followed in the wake of Katrina's spent fury as unscrupulous looters and amoral lowlives began ransacking the shops of the temporarily lawless and unorganized New Orleans, smashing through plate glass windows with greedy abandon. Bellow: The huge man bellowed in pain when he fractured both femurs while skiing. Benchmark: The benchmark for investing success has been set by Warren Buffett, whom many investors have attempted unsuccessfully to emulate, and thus follow in his footsteps by buying his stock.
Bent: Tooty has a bent for old movies, preferring those filmed in black and white, whereas Frooty has a bent for black-and-white photography, having won many awards for her outstanding pictures of vanishing indigenous peoples.
Beseech: We all eagerly beseeched Tom to make us one of his patented Mai Tai's since we simply could not resist their tasty, hasty buzz.
Bicker: My father would often angrily berate my sister and me as we bickered in the back seat of the car, arguing over trivialities that must have seemed exasperating to an adult driver.
Bilk: The pump-and-dump scheme, touting a stock that seemed to offer El Dorado itself, bilked the unwary investor out of a thousand dollars.
Blanch: King Egbert blanched as he saw the apparition of his murdered wife, becoming so terrified that his physiognomy assumed the color of the phantom itself.
Blatant: The teacher's blatant discrimination in the classroom, grossly favoring her two best students, seemed to be visible to everyone except herself.
Blemish: Harold's cheating episode on the AP Chemistry exam blemished his academic record to the point that his college counselor feared he would not be accepted into a good college.
${ }^{1}$ The sentences are not meant to be examples of excellent style, but rather have been written to aid the student in recalling the meaning of the given derivatives.

Blight: The blight of poor education in the public school system has forestalled the potential of many a brilliant mind, lulling them into a torpor of listlessness and nonchalance towards anything academic.
Boycott: The wronged nation instituted a temporary boycott of all goods being shipped to and from the United States in the hope that its questionable warmongering policy would change via considerable economic pressure.
Brash: The brash young man, callow in regards to social savoir faire, drank too much and spoke too loudly at the business gathering.
Brawn: The gargantuan Greg was the brawn and brilliant Brynna the brains of the highly successful smuggling operation.
Brigand: When the brigands heard that Robin Hood was abroad in Sherwood Forest, they decided to give up their thievery and join his band of merry men, rationalizing that the success of Robin Hood and his cronies was considerably better than their own. Browbeat: Gluggux the orc, because of his monstrous size and powerful political connections, was often able to browbeat his foes into doing exactly what he wanted them to do.
Buffoon: Timmy Tompkins was so skilled at buffoonery that not only was he able to make all but the sourest of people laugh, but he was also able to persuade the lovely Lena Lingard to marry him, a coup considered quite impossible by the most informed but less entertaining of her suitors.
Buttress: The techniques taught in the study skills class helped buttress Jan's success in school by providing her with an organizational scaffolding that was second to none.

Canny: The canny businesswoman could not be outfoxed by even the most seasoned of shifty contractors who constantly tried to shortchange her by doing shoddy work; they were often baffled by just how much she knew about their devious shortcuts to make more money.
Carouse: After carousing all night in town with his drinking buddies, the star lacrosse player felt sluggish the next morning during practice.
Charade: Although the school superintendent had seemed serious about wanting to install air conditioning in the Virginia elementary school, we realized two years later that his promise was yet another underhanded charade to extend his pointless stay in office.
Charlatan: The medical charlatan tried to trick Black Bart into buying some ineffectual snake oil, but the canny client saw right through the false doctor's specious window dressing.
Cleave: As Clifford did cleave to his new trophy girlfriend, so too did his estranged wife of twenty years cleave her relationship with Clifford, hitting him with a nasty, hasty divorce.
Cliché: When I asked the highly touted guru at the top of the mountain for some sage advice concerning my most personal issue, I was flabbergasted when I received a string of insipid clichés that I could have found in any trite self-help guide.

Daft: My best friend is rather daft at times, coming up with the silliest of ideas that are comparable to a fish out of water in their potential survivability.
Debut: Kristin was a huge success at her film debut, and so whereas once she was a complete unknown, she was now plastered over all of tinseltown's newspapers, touted in the most glowing of terms.
Defile: The Viking looters of Clonmacnoise not only stole the golden monstrance, but also defiled the church by smashing its altar and defacing the sacred paintings that covered its walls.
Deft: Ronnie was not only a deft carpenter, constructing beautiful cabinetry, but managed his craftsman's business just as skillfully.

Disregard; doting: After a year of marriage, Joan was now wishing that her doting husband, whom she felt was smothering her, would simply disregard her for a short time and watch a football game instead.
Drone: Not only did the unwanted visitor successfully groak and subsequently eat half our dinner, but also, during his gluttonous consumption, droned on and on about his numerous trials and tribulations that left us all feeling sorry for no one but ourselves. Dwindle: Due to the evils engendered by excessive, ubiquitous, and irresponsible development, the society's moral state dwindled from one of outstanding character and principles to one of effete nonchalance; some believed this was a result of the fact that there was nothing beautiful to look at anymore.

Eke: The mendicant was barely able to eke out a living by his begging and busking.
Fathom; faze: Despite the fact that Muffy was unable to fathom what on earth the professor was talking about, she did not seem at all fazed by her lack of comprehension, but rather showed up dutifully for class each and every day as if she were totally entranced by what he was saying.
Fickle; filibuster: The fickle congressman would seemingly switch allegiances at a whim, delivering the deadliest and lengthiest of filibusters that would leave one side reeling until the next day, when he would randomly delay either side once again. Flabbergast; flag: We were all flabbergasted when Iron Ike, who had trained so hard for three years, began to flag with exhaustion as he entered but the $10^{\text {th }}$ mile of the marathon, and completely dropped out after the $12^{\text {th }}$.
Flaunt: No one likes people who brashly flaunt their success by trumping it to as many people as possible in as advantageous a situation as possible.
Foil; ford: Our attempt to ford the wild river was foiled by its swiftly moving current: we were unable to cross it for a week.
Fortnight: My teacher told me today that a fortnight is short for "fourteen nights." Foster: It is often advantageous for teachers to foster good relationships among their students by providing them with challenging but accomplishable collaborative tasks that allow individual strengths to flourish and be universally admired.
Fraught: The countryside suddenly became fraught with danger as Don Quixote heard what he believed were fearsome giants trampling in the foggy distance.

Garish; gauche: Not only were the tawdry, brightly-colored reflective beads that Flo's necklace flaunted considered garish at the sophisticated black tie affair, but her country manners were quickly labeled gauche as she drank lustily from the spiked punch ladle.
Gaunt; gibe: Duke Slubberdegullion served his gaunt, starving subjects not with kindness and good food, but with barbed gibes ${ }^{1}$ that did nothing to allay their hunger but everything to hamper what shreds of confidence they once possessed before he became lord.
Girth; goad: Filbert's girth became wider and wider as his corpulent wife Wilma goaded him into eating twenty Moon Pies per day, while she resolutely stuck with a salubrious dietary restriction of merely fifteen, except on holidays.
Gossamer: The Lady of Shallott's gossamer gown shone with a shimmering brilliance, seeming to be fashioned from the very beams of the silvered moon.
Gouge: The unscrupulous archaeologist gouged out the hardened ash deposits of ancient Pompeii with a jackhammer that created a wake of cultural destruction.
Gourmand: Gordy the gourmand loves to frequent dining establishments that offer an exquisite all-you-can-eat menu which also includes the choicest of fine wines.
Grimace; guile: I grimaced with frustration and embarrassment when I realized that I had been completely duped by the guile of the used car salesman who cunningly sold me a souped-up piece of finely-detailed junk.
${ }^{1}$ 'Jibe' is an alternate spelling of gibe.

Hackneyed: My cousin Todiha's pretentious claims to brilliant counseling techniques were deflated the first time she tried to counsel my son: she used nothing but hackneyed advice that the bored Timmy had already heard hundreds of times from every Tom, Dick, and Harry.
Harangue: Jack Sprat resolutely put up with the protracted, withering harangues from his wife Marge Sprat concerning his ineptness to fatten the pig only because she allowed him to have the lean with each and every meal.
Harvest; havoc: The paucity of a fall grain harvest among the multitudinous Visigoths caused havoc amongst weaker tribes: the Visigoths were forced to decimate their populations in order to feed their own.
Hindsight: It is very easy to have 20-20 hindsight after something has happened, but to possess 20-20 foresight is truly rare.
Hue: The startlingly crimson hue of the rare breed of roses delighted the princess, who wanted a bouquet of them picked for her visual pleasure each and every day.

Irk: Sancho Panza was irked by the command that he had to stand by Dapple for three days without even a (discreet) bathroom break.

Jargon: Those who were not in the know could not understand the jargon of the uppercrust, lorgnette-loving ladies, who often spoke of things that only the very affluent could appreciate.
Jeer/jilt: The jilted crowd of peasants jeered mockingly at the unpopular king who had yet again raised their taxes without making life any better for them.

Keen: Her keen understanding of the silk trade allowed her to charge and collect the highest consultation fees.
Kowtow: Slim often eagerly kowtowed to those in authority by unquestioningly obeying their every dictum whether or not they had any merit.

Leery; linger: I am often leery of lingering in stores: I fear that if I stay too long the employees may trick me into buying something that I really do not want or need.
Lithe: The lithe athlete gracefully moved over the rough terrain with the nimbleness of an antelope.
Loathe: Marissa so loathed the mindset of developers that she wouldn't even travel on a road where the land was being ripped apart for mindless profit.
Longing; lore: The intense and painful longing of Lancelot for the married Guinevere was once only contained in the capacious memories of medieval bards as the most poignant of lore, until later it was first recorded by Chrétien de Troyes in the late $12^{\text {th }}$ century.
Lull: The mothering washing of the waves lulled me into a tranquil sleep, despite my anxiety about the sales outcome.
Lurk; lush: The lush foliage of the rain forest provides an effective hiding place in which a jaguar can lurk with relative confidence that it will remain unseen by its prey until it's too late.

Maelstrom; mainstay: The family members were all caught up in a maelstrom of confusion and doubt about their future when the mother of the family tragically died in a senseless act of violence, sending the family's lives spinning out of control since they had lost the mainstay of their world.
Mar; maverick: The marvelous reputation of Mucky Mark's Marshmallow Emporium was marred by the malevolent maverick who successfully discovered a new way to sell marshmallows that not only completely altered marshmallow mercantilism, but also charged half the price, making all competitors look like unscrupulous price gougers. Meld: The two lovers melded into one as they stepped upon the dance floor, entwining each other in a close embrace.

Mellow: Although Gladys was highly strung during her early years in the company, she mellowed after she turned forty, wisely taking the company's vicissitudes in their stride. Minion: Caesar's minions unquestionably obeyed him when he gave a command, since they knew his uncanny ability to foresee a way to successfully storm any fortress. Mirth: Minnie's mirth knew no end as she laughed and laughed with genuine happiness at the success of her latest gold-digging venture.
Morass; nadir: Stuck in the morass of daily living that had spiralled beyond her control, Griselda was at last convinced that her life had reached the nadir of awfulness, and so she set out to change her life by cutting all ties and moving to Kaua'i, only to discover that she herself was still along.

Nimble: The nimble ninja leapt and cavorted with dexterous ease about his enemy until he so utterly tired the inimical villain that he easily moved in for the killing blow.

Offshoot; ordeal: One offshoot of Kendra's thirty-day survival ordeal in the remote forests of the Congo was that she now felt much more self-confident in the everyday and comparatively easy tasks of living in Beverly Hills.

Paltry: His contribution to the relief fund was so paltry that it had no effect in alleviating any suffering whatsoever.
Parch: The strength of the sun's rays on the summer solstice parched our thirsty tomato plant, causing its leaves to turn a crisp brown.
Pilfer: Shoplifters often pilfer the most trifling of items, but are still justifiably punished as if they had stolen something of real value.
Pithy: The effectiveness of Martin Luther King's speeches often centered around pithy statements that stuck in the minds of his auditors long after the speech was over. Pore: The sorceror pored through tomes for a fortnight before he found the master word to complete the casting of his spell.
Pun: The wittiest of punsters can often throw out plays on words seemingly unwittingly, glibly riding with their paronomania with ease.

Quagmire; quandary: Bobbert was stuck in a quandary over whether or not he should date Blinka, sinking him into a quagmire of indecision that completely befuddled his usually sharp cognitive processes for days.
Quiver: The bandits quivered with fear when they saw Robin Hood's tell-tale green quiver filled with brightly-tipped arrows.

Ramshackle; ransack: The Huns did not bother to ransack the ramshackle hovels of the peasants because they did not think that their dilapidated exteriors promised any riches lying hidden within.
Rash; raving: The rash act of eating too much fly agaric turned the would-be berserker into a raving, frothing-at-the-mouth, limp lunatic instead of a well-oiled, fearless fighting machine.
Reverie: After I met the girl who enchanted my life, I often was awakened from my reveries of her by people who could not understand my sudden change of temperament and fussed about my glazed-over eyes that did not register their officious presence. Rift: An unhealable rift was caused in the couple's relationship when one of the children died due to parental negligence.
Rile: His uncanny ability to cope and unflappable personality were never riled until he encountered the unjust persecution of the Cathars, at which point all his heretofore hidden rage was unleashed at the Church.

Saunter: Mary Beth sauntered casually and confidently into the lecture hall because she knew perfectly well that not only had she aced the test, but that she had done better than the rest of the class.

Scanty: The trial evidence was so scanty that it was not nearly enough to convict Al Capone of any wrongdoing.
Scathing: The son's scathing criticism of the psychiatrist's advice was probably justified since Dr. Psychoist had managed not to unify his family, but rather to tear it apart. Scoff; scorn: Established authorities scoffed at the young professor's report that she had discovered a living plesiosaur within the depths of the Congo, heaping scorn and derision upon her reportedly shoddy and unsound research techniques; they quickly backtracked two weeks later when she produced irrefutable evidence of her claim. Seething: The unjust seizure of the rare Raphael left the museum curator seething with anger, particularly because he had made its protection his life's mantra.
Sere: The sere, desert landscape provided the former denizen of the rainforest with a totally new perspective concerning life's extraordinary tenacity in arid, harsh conditions.
Serendipity; shrewd: Although the accidental discovery of penicillin was certainly one of medicine's most famous cases of serendipity, it was Fleming's shrewd recognition of its utilitarian potential that should most be remembered.
Shun: Most people shun a one-star restaurant unless they have no taste buds.
Smite: Many Old Testament stories gloatingly describe the wrath of God smiting and consequently obliterating enemies of the Chosen people.
Sound: Jason's jellybean argument was sound since it was supported by carefully chosen facts that buttressed its validity.
Spur: The cowboy spurred his lazy horse into action with his sharp spurs.
Spurn; squander: After the prodigal son left home, he spurned thriftiness and squandered his entire inheritance in a short time, returning home penniless.
Stalwart; stark; steadfast: Despite the stark, featureless appearance of the environs of her new home and the stark realities of its harsh weather, Desiree was not only stalwart in continually defending her decision to move to the capital city of her favorite organization, but also steadfast in inveterately supporting the city's considerable economic advantages.
Stealthy; stifle; stymie: The brilliantly stealthy plans of the bank robber not only stifled all attempts at guessing where he would strike next, but also stymied all recovery efforts to ferret out the stolen loot since the elusive villain always seemed to disappear without a trace.

Taut: The string on William Tell's bow was so taut that it prematurely snapped the first time he tried to shoot the apple from his son's head.
Thwart; trek: Our trek north was thwarted by too much snow, and so we reluctantly delayed our departure.
Trifling: Spunky's broken pinky finger was a trifling injury compared with Blinky's lopped-off nose.
Trounce; troupe: Shakespeare's troupe of actors was named the favorite of Queen Elizabeth I because it trounced its competition by putting on a superior performance. Tryst: The tryst between the lovers Lancelot and Guinevere in the emerald forest was meant to be secret until it was disastrously discovered by the meddling Sir Kay. Tundra: The featureless plains of tundra stretched before our eyes in unremitting splendor, filling the iciness of northern Canada with pristine, treeless land that hopefully would remain untouched by man.

Utmost: I did my utmost to stop the destruction, but even my best efforts were too little.
Veneer: Although the veneer of the Potemkin village certainly was enticing, the guts behind the glitzy storefronts were ramshackle at best.
Veer: The car veered off the road, careened into the ditch, hurtled over the side railing, and launched over the cliff, depositing driver, daddy, and Donald in five fathoms of froth-filled ocean.

Waive: I hope that the judge, after he has received his steep request fee, will waive the ticket so that I do not have to go to defensive driving class.
Wallow: The attention-seeking Wilma wallowed in pretentious self-pity after she failed to entice the winsome William to attend the local goat exhibition with her.
Wane: Jeanette's love for James began to wane when she discovered that he was not only married, but also had two other secret families; nevertheless, she did admire his organizational skills, so hired him to run her international logistics business.
Wary: Be wary of Greeks bearing gifts, and be especially sure to look their gift horses in the mouth.
Waver: The etymologist never wavered in his love for words, waking up each and every day to renewed enthusiasm and dedication.
Wax: As the moon waxes, it grows larger and shines more brightly, just as a candle that has received more wax burns brighter and longer.
Weather: Success is often determined by those who can best weather the difficulties that inevitably arise along the way.
Wily: The wily Billy the Kid escaped from baffled authorities many a time.
Winnow; wrath: After the candidates were winnowed down to three from the original ten, the wrath of the severed seven knew no bounds, and they angrily protested what they considered to be the unjust proceedings.
Wrenching; writhe: Although I managed to wrench the locked door off its rusted hinges, I also managed to tear my rotator cuff, causing me to lie on the floor writhing in agony until my kind brother knocked me unconscious with his trusty pipe wrench.
Wrought: The tsunami wrought havoc on the island nation, destroying almost half of its homes and soiling the water supply.

## GRE Level II

Group I: cabal/canard/doughty/dudgeon/asunder/ombudsman/lampoon
The cabal, a doughty group of tenacious insurgents who plotted to cleave asunder the established government, was in high dudgeon when its primary plan, a spurious front-page canard that blasted and lampooned the reigning dictator, was deep-sixed at the eleventh hour by an ombudsman who had infiltrated the organization's interior by posing, of all things, as a cable guy.

Group II: drivel/hone/droll/windfall/wry
Gumperdink sagely advised Humperdink with a wry smile that if he expected any sort of quick windfall from his ailing affluent aunt, he was going to have to hone his daily irritating and boring drivel about the weather that he seemed to think his aunt liked to a droll laughter-inducing banter that would not only fully engage her and subsequently endear her to him, but also would eventually cause her heart to palpitate so fiercely that it would help precipitate an untimely demise.

Group III: gnarled/swarthy/wrangle/writ/welter/wizened
After the creamy-skinned woman, who had fallen on hard times, joined the migrant workers who picked peaches on a large plantation in southern Georgia, her delicate hands became gnarled with overuse, her skin turned swarthy as it adapted to the sun's rays, and her entire body transformed from a healthy fleshiness to an emaciated one wizened with wrinkles. One day, however, an ancient court writ was discovered that gave her sole proprietorship to the land, and so, after much legal wrangling and wrestling over the rights to the peach orchard that caused a welter of confusion among the current landowners, the former beauty turned crone reverted to beauty in a stunning and unprecedented twist of fate that resembled peach flesh to pit to flesh.

Group IV: wraith/willy-nilly/whet/slough/soused/doltish/beleaguer/meted/ doldrums/niggling/dogged

The wraith that flitted willy-nilly about the haunted adobe mansion, haphazardly and terrifyingly appearing from room to room, whetted our appetites to find a cure for such a niggling plague that worried us to no end; when dogged Doug suggested for the tenth time that the ghost be summarily soused with salsa each and every time it beleaguered us, we all laughed at the seemingly doltish idea until we, mired in a slough of missed opportunities and wallowing in the doldrums of ineffective despair, decided to try his seemingly silly suggestion-thus was born Salsa Sally, who, somewhat like the Minotaur, fell to slurping the capacious helping of salsa we lavishly meted out on her, after which gluttony she left us all alone for glorious nine-year stretches at a time.

Group V: dross/patois/affray/glower/waggish/wag/quail/waffle/toady/pedantic/prude
The fun-loving Wilbur, a wag whose clever antics and humorous conversation were usually met with approval, glowered sullenly at the cranky old crone who simply would not laugh at anything he said, but rather focused on pedantically labeling his regional patois as an unacceptable and low-quality linguistic dross, rigidly preferring proper use of standard English. To waggishly counteract this stuck-up old prude, one day Wilbur led an affray against her in the street, mockingly sporting gigantic pink boxing gloves that caused her to quail not only in fear, but also to waffle and finally recant her disapproval; later, she turned into a slavish toady that did nothing but support and flatter his humorous ways.

Group VI: sloth/hinterland/behemoth/bellwether/riven/fell (adj.)/fell (v.)/rent/ heinous/lumber/stockade/meet/bolster/juggernaut/skulk/harbinger/ götterdämmerung

Far, far away in the rural hinterland of northern Cimmeria lived the gigantic behemoth, a sloth-like colossus which, despite the fact that the monstrous leviathan lumbered along slowly and somewhat awkwardly, could nevertheless act as an unstoppable juggernaut as it fell large trees in one fell swoop in a senseless, fell fashion: the trees' once mighty roots were riven from the ground, their trunks cruelly rent in half and tumbled haphazardly in all directions. This truly heinous conduct, shocking as it may seem, instead of being a catastrophic götterdämmerung that brought about the end of the native peoples who subsisted upon the forest, actually was a positive harbinger of better things to come: the Cimmerian people were able to use the felled trees, too tough for them to cut by themselves, as poles to create a mighty stockade that not only penned in their animals, but also served as a meet fortification that bolstered their safety by keeping out skulking wolves that could eat and attack them by night.

Group VII: milk/dither/knell/slipshod/grouse/prattle/brook/eschew/bay/stint (v.)/ stint (n.)/glibly/tout/dearth

I could no longer brook the shameful conduct of the politician who had milked not only my contribution money, but also my precious vote. While in office he did nothing but ineffectually dither over environmental issues, unable to make any important decisions; as he showily groused about how slipshod and sloppy conservation efforts were, he nevertheless eschewed trying to correct any problems, although his incessant prattle certainly sounded genuine. When I realized that he was just going to continue baying at the moon, never stinting in not providing help, I myself decided to try a stint at his position: I won the next election by not only touting my own excellent qualifications but also glibly shooting down my opponent, only to discover to my horror that, at the end of my term, my contributions exhibited the same dearth as his own.

## Group VIII: shard/slake/quaff/qualm/kismet/die/gavel/foist/skullduggery/gaffe/

 piddlingOne day Dr. Wisconsin Willie found a shard of what he claimed to be the lost sword of Excalibur. After he had quaffed many a toast to slake his thirst and revel in his find, he felt no qualms whatsoever in taking his landmark find to a local pawn shop, where he tried to foist the find off on Pawned Patti, who believed that her kismet was to discover an item of rare value that no one could recognize but her, so she rolled the die of chance and offered slick Willie five thousand dollars for the piece of sharp metal. When Patti's husband, Merchandise Mike, discovered Willie's devious skullduggery, he took the case to court, accusing Willie of underhanded misrepresentation that took unfair advantage of his professional status. As the judge pounded his gavel upon his desk, he said that Mike was the one who had made the gaffe, and that the item was not only worth at least ten thousand dollars, but would remain in the jurisdiction of the court system. Later, when Willie met the judge, he forked over the relatively piddling thousand dollar bribery fee, and walked away with an extra four thousand bucks.

Group IX: roil/boor/stilted/nettle/thrall/masochist/moniker/harrowing/sidle
The unprincipled and rude boor inveterately nettled our susceptible temperaments, disturbing and roiling our equanimity by his stilted, unnatural outbursts that held us in thrall to his overwhelming personality; because we subconciously possessed masochistic tendencies, we unwittingly remained under the sway of this harrowing ruler that constantly upset us-we never directly approached him but nevertheless sheepishly sidled within his influence, and so we were given the epithetic moniker of "the boored."

Group X: gerrymander/tawdry/fodder/simony/debutante/jeremiad/chutzpah/dally/ cringe/cow/cower/comely/untoward/brazen/gainsay/baleful/abeyance/suborn

The comely debutante, having successfully entered upper class society primarily via her beauty and secondarily through her never-say-die chutzpah that often trampled on the toes of those highest in stature, decided that the people of the upper class were simply not quite enough fodder for her designs of power, so she began a brazen campaign for political office that left no tactic unused. Employing the somewhat untoward ploy of wearing tawdry, flashy clothing to match her tawdry, morallycompromised standards, she caused the most fearful parts of men's souls to cower, cowing and suborning them into believing that if they voted for her, she would bring about a modern-day utopia where they would all be millionaires, and it they did not, they would all be poorer than they were now. After she had successfully dallied with the puppet-like populace, she began to deliver jeremiads against her opponent, long speeches which warned of doom if anyone even thought of voting for such a despicable monster-even her stalwart opponent began to cringe in terror at such diabolical methodology. No one was able to gainsay her road to triumph; years later, after all the good things in life had fallen into abeyance and a newer age had arrived in which hatred and baleful conduct towards one's "fellow" man became the norm, the jilted people finally awoke from the vampiric charm that had utterly ruined their lives.

Group XI: curmudgeon/maudlin/mawkish/list/prate/steeped/nether
Carl the curmudgeon usually complained about every person and institution on the face of the planet, but when he drank he reversed roles, becoming maudlin as he mawkishly sentimentalized everything from his childhood to his present-day old age. And so, before the Titanic's hull tragically listed on its side prior to sinking within the ocean's nether regions, Carl prated on and on about how unsafe icebergs were, but after the Titanic sunk, he drunkenly lamented, steeped in rum, about the tragic loss of life.

Group XII: pharisee/wan/debauchery/slovenly/chide/motley/waspish/abash/gall/ quell/riddle/grovel/pariah/chagrin/awry/demimonde/wanton

The young pharisee, pretending to be religious to please his waspish mother, who was always mean-spiritedly chiding him about his lack of complete devotion, one day decided that he could never please her and so left home, entered the demimonde, and subjected himself to a life of wanton debauchery that, after a two-year period, left him in a compromised state of health, both financial and bodily. At last caving in, he appeared one day on his mother's doorstep, slovenly dressed in tattered, motley, haphazard clothing that was, in fact, his entire wardrobe assembled on his thin frame; his abashed mother hardly recognized his wan face, once so florid with life. Galled at the disheveled condition and base conduct of her son, she soon quelled his inclinations to rebellious license, riddling him with a veritable salvo of reproaches that soon had him groveling at her feet, profusely apologizing at being a once-pariah of her religion, admitting that he felt a great deal of chagrin at his embarrassing way of life, and promising that no longer would she have to worry about his life going so awry from her, and now his, moral principles.

Group XIII: tycoon/pogrom/filch/bludgeon/hew/abut/coterie/husband/bulwark
In order to garner even more land on the large island, the evil property tycoon and his dastardly, selfish coterie decided to enact a pogrom against whom they termed "the squatters," but who were actually legal property owners, by bludgeoning them with clubs and hewing them down with scythes all so that they could filch their "vacant" land, which so inconveniently abutted their own. Jacques, getting wind of this flagitious plot, united the landowners; after husbanding their resources so as not to waste any, they quickly and almost miraculously created a bulwark that defended themselves from the tycoon, and lived happily ever after.

Group XIV: shirk/cosset/askew/simper
Antonio began to shirk his duties at work and spend less time with his friends when he began cosseting his cute new puppy: buying it food, taking it for walks, making sure that its beauty parlor and tailoring arrangements were right on schedule, and taking it to the vet once a week; when asked why his personal life was so askew and his work was suffering, he sillily simpered and saccharinely said: "Dada luvs his itsy witsy bitsy Diddly-dwoggie."

Group XV: fallow/hidebound/carp/moot
When medieval peasants discovered that leaving one field fallow during planting season would make for a better harvest, only the most hidebound of them, who considered the newfangled idea a moot point, objected by planting all their fields anyway, and did not listen to anyone who carped at them about their agricultural tomfoolery, whom nature itself finally had to convince as their soils grew poorer and poorer, and those of the more technologically advanced richer and richer.

## Group XVI: jangle/staccato/askance/poacher

We all glanced somewhat askance at the accordion player whose sharp staccato playing in a minor key was annoyingly jangling everyone's nerves, much as a poacher who illegally killed animals on protected land might jangle the nerves of a forest warden.

Group XVII: spoof/lambaste/pundit/doggerel
Although the author claimed that his poetic spoof on the current crisis in Iraq was not meant to be taken seriously, but rather was simply comic doggerel, an incisive pundit revealed that it actually lambasted the current administration's handling of the affair with unsettling accuracy.

Group XVIII: singe/fluster/bluster/flurry
After the adroit fire eater at the luau ate his torch's flame, he began unconscionably to bluster vociferously at the unappreciative front table and consequently singed their hair; they, becoming understandably flustered, ran away in a flurry of panic-the rest of the audience, however, soon realized that it was all a clever part of the act.

Group XIX: fawn/quisling/jaded/butt
The jaded affluent nephew, fawning on his rich aunt, said and did everything he thought must inevitably be done in order to be included in her will even though he had previously successfully done so with three other aunts; after Aunt Millie passed away, he ho-hummed the million dollars she had willed to him, and, typical of his quisling-like nature, and egged on by his malicious Uncle Milton, heaped vitriolic invective upon her and made her the butt of his cruel jokes.

Group XX: bustle/buffet/byway/allay/abet
In the daily hustle and bustle of our busy lives, we are often buffeted by misfortunes and difficulties, but if we look upon the less important byways of our jobs as secondary to our spiritual growth, we will be able to allay that stress and fear in our lives while aiding and abetting studied and fruitful focus on the important things in life.

Group XXI: choice/ersatz/blithe/rant
We blithely accepted the art dealer's expostulations that what he wanted to sell us was a genuine choice Monet; when we found out that it was conversely ersatz, we all began to rant and rave, and peremptorily demanded our seven-figure investment returned at once and in full.

Group XXII: martinet/cheeky/hoyden/breach
The teacher, who thought he was a strict and successful martinet who could keep order in any classroom setting, was astounded when Helga the Hoyden entered his class in the fall of '92, for he had never dealt with such a cheeky tomboy before, and had no idea how to control her rude behavior that breached all acceptable classroom norms.

Here follow alphabetized smaller groups of GRE List II words in context:
Arsenal; hallowed: The warmonger's personal arsenal included two powerful shotguns, three high-caliber pistols, a wicked looking knife, and a peashooter from his hallowed childhood from which he could in no wise part.
Bemused; champ; muse: I stood somewhat bemused as the ravenous horse champed its way through fifteen apples and then nickered for more; I could not fathom why the well-fed horse would be this hungry, and my musing upon the subject for several days brought no acceptable resolution to the conundrum.

Callow: The callow youth's inexperience in social situations often caused breaches of etiquette that took months of excellent conduct to repair.
Carom: The stock car caromed off the guard rail after it spun out of control, reminding me of a bank shot in pool.
Chortle; ribald: The amused Miller merrily chortled at the ribald tale of licentious adultery.
Eddy: The flowing water eddied around and around the fairy's hand who held the sword in the midst of the beautiful river.
Ilk: Shakespeare is in such a class of his own that there are no other playwrights of his ilk.
Kitsch: The pretentious kitsch topiary that looks like a tree sporting green meatballs was once thought to be at least novel, but is now considered vulgar and in poor taste. Lissome: Lisa was born to be a dancer: she was lissome, graceful, and her metabolism kept her thin throughout her life.
Mottle/mote: The kind poet described the mottled, spot-covered features of her face as motes of sunlight-revealed dust that accentuated her radiant spirit.
Quack: The quack doctor promised me that his miraculous nostrum would cure any ill that might develop throughout my entire life.
Rife: Some non-creative children's minds are rife with dullness because their thought patterns have been formed by the vapid narratives they have seen over and over again on television.
Risqué: His risqué conduct left us all wondering if he had been subsumed and thoroughly corrupted by the sexual revolution.
Rivet; wane: When we first saw mimes in Paris, our attention was riveted upon them; now that we have become used to them, our attention upon them is waning as we focus on finding new things to make our lives interesting.
Splice: When I was a third-hand at 3M, I would create splices that united two rolls of moving carbonless paper.
Teeter: Mark teetered on the edge of financial ruin after his company's stock plummeted $50 \%$ in one afternoon.
Tithe: Tithes, a tenth of one's income demanded from the Church, hit the poorest of us the hardest.
Zeitgeist: The current zeitgeist of American society is one of acquisition, development without sustainability, and wanton use of energy; it appears as if the "spirit" has been removed from the "spirit of the age."

## Appendix V: Primary Latin Roots

This appendix only lists the first given root of a tree, or its primary root. Please see the tree for all subsidiary roots.

1. A, ab-away, from, by: p. 1.
2. Acer, acris-sharp, keen, fierce: p. 2.
3. Ad-to, toward, near, at: p. 3.
4. Aedes-temple, house: p. 4.
5. Aequus-equal: p. 4.
6. Aestimo, aestimare, aestimavi, aestimatum-to fix the value of, estimate: p. 5.
7. Aevum-time, life, age, generation: p. 5.
8. Ager, agri-field, country: p. 6.
9. Ago, agere, egi, actum-to do, drive, act: p. 7.
10. Aio, ait-to say: p. 9.
11. Albus-white: p. 9.
12. Alo, alere, alui, altum-to feed, nourish, cause to grow: p. 10.
13. Alter-another, other, second: p. 11.
14. Ambi-both, around: p. 11.
15. Ambulo, ambulare, ambulavi, ambulatum-to walk, go around: p. 12.
16. Amicus-friend: p. 12.
17. Amo, amare, amavi, amatum-to love: p. 13.
18. Amplus-large, wide: p. 13.
19. Angulus-angle, corner: p. 14.
20. Anima-soul, breath: p. 14.
21. Annus-year: p. 15.
22. Ante-before: p. 16.
23. Antiquus-old: p. 16.
24. Anxius-worried, uneasy: p. 16.
25. Aperio, aperire, aperui, apertum-to open: p. 17.
26. Aptus-suitable, fit, attached: p. 17.
27. Aqua-water: p. 18.
28. Arbitror, arbitrari, arbitratus sum-to think, judge: p. 18.
29. Arbor-tree: p. 19.
30. Arca-chest, coffer: p. 19.
31. Arcus-bow: p. 20.
32. Ardeo, ardere, arsi-to burn, be on fire: p. 20.
33. Arma-arms, weapons: p. 21.
34. Ars, artis-skill, craft: p. 22.
35. Asper-rough: p. 22.
36. Ater, atra, atrum-black: p. 23.
37. Audio, audire, audivi, auditum-to hear: p. 23.
38. Augeo, augere, auxi, auctum-to increase: p. 24.
39. Auris-ear: p. 24.
40. Aurum-gold: p. 25.
41. Aveo, avere-to be eager or anxious, desire, yearn for: p. 25.
42. Avis-bird: p. 26.
43. Avunculus-maternal uncle: p. 26.
44. Bacillus-rod: p. 27.
45. Barba-beard: p. 27.
46. Barra-rail, barrier, bar: p. 28.
47. Bassus-low, short: p. 28.
48. Battuo, battuere-to beat, pound: p. 29.
49. Bellum-war: p. 30.
50. Bellus-pretty, handsome, charming: p. 30.
51. Bene-well: p. 31.
52. Bestia-beast: p. 31.
53. Bibo, bibere, bibi, bibitum-to drink: p. 31.
54. Bis-twice: p. 32.
55. Bonus-good: p. 33.
56. Bracchium-arm: p. 33.
57. Brevis-short: p. 34.
58. Brocca-a pointed stick, spike: p. 34.
59. Bucca-cheek: p. 35.
60. Bulla-bubble, round object: p. 35.
61. Burgus-fortified place: p. 36.
62. Bursa-bag, purse: p. 36.
63. Buscus-bush, wood: p. 36.
64. Caballus-horse: p. 37.
65. Cado, cadere, cecidi, casum-to fall: p. 37.
66. Caedo, caedere, cecidi, caesum-to cut, kill: p. 38.
67. Caelum-sky: p. 39.
68. Calco, calcare, calcavi, calcatum-to tread underfoot, track: p. 39.
69. Caleo, calere, calui-to be warm, hot: p. 40.
70. Calo, calare, calavi, calatum-to announce, summon, convoke: p. 40.
71. Calumnior, calumniari, calumniatus sum-to find fault: p. 40.
72. Calx, calcis-limestone: p. 41.
73. Camera-room, chamber: p. 41.
74. Cambio, cambiare-to exchange: p. 42.
75. Campus-field: p. 42.
76. Cancer-lattice: p. 43.
77. Cancer, cancri-crab, cancer, tumor: p. 43.
78. Candeo, candere, candui-to be of brilliant whiteness, shine, be hot: p. 44.
79. Canis-dog: p. 44.
80. Cano, canere, cecini, cantum-to sing: p. 45.
81. Caper, capri-goat: p. 46.
82. Capillus-hair: p. 46.
83. Capio, capere, cepi, captum-to take, seize: pp. 47-48.
84. Cappa-hood, hooded cloak: p. 48.
85. Caput, capitis-head: p. 49.
86. Carbo, carbonis-charcoal, glowing coal: p. 50.
87. Caro, carnis-flesh: p. 50.
88. Carpo, carpere, carpsi, carptum-to pick, pluck, cull: 51.
89. Carrus-wagon, cart: p. 51.
90. Carus-dear: p. 52.
91. Castellum-refuge, stronghold: p. 52.
92. Castus-pure, chaste: p. 53.
93. Catena-chain: p. 53.
94. Cauda-tail: p. 54.
95. Causa-reason, motive, lawsuit: p. 54.
96. Caveo, cavere, cavi, cautum-to beware of, take care: p. 55.
97. Cavus-hollow: p. 55.
98. Cedo, cedere, cessi, cessum-to go, move, yield, withdraw: p. 56.
99. Celer-swift, speedy: p. 57.
100. Celo, celare, celavi, celatum-hide: p. 57.
101. Censeo, censere, censui, censum-to assess, judge, rate: p. 58.
102. Centrum-center: p. 58.
103. Centum-one hundred: p. 58.
104. Cerebrum-brain: p. 59.
105. Cerno, cernere, crevi, cretum-to sift, discern, perceive, decide, separate: p. 60.
106. Certo, certare, certavi-to compete, strive, contend, fight: p. 60.
107. Certus-sure: p. 61.
108. Charta-sheet of paper: p. 61.
109. Chimicus-alchemist: p. 62.
110. Cifra-zero: p. 62.
111. Cingo, cingere, cinxi, cinctum-to gird, surround, beleaguer: p. 63.
112. Circum-around, about: p. 63.
113. Cito, citare, citavi, citatum-to cite, summon, encourage, excite: p. 64.
114. Civis-citizen: p. 64.
115. Clamo, clamare, clamavi, clamatum-to shout, call out: p. 65.
116. Clarus-clear, bright: p. 65.
117. Classis-class of the Roman people, fleet, rank, grade, group: p. 66.
118. Claudo, claudere, clausi, clausum-to shut, close: p. 67.
119. Clavis-key: p. 68.
120. Clementia-mercy, mildness, calmness: p. 68.
121. Clivus-slope, hill: p. 68.
122. Codex, codicis-ancient book: p. 69.
123. Cohors, cohortis-enclosed yard, courtyard, retinue: p. 69.
124. Collum-neck: p. 70.
125. Colo, colare, colavi, colatum-to strain, filter: p. 70.
126. Colo, colere, colui, cultum-to cultivate, pursue, revere, worship: p. 71.
127. Columna-projecting object, column: p. 72.
128. Communis-common, public, general: p. 72.
129. Concilium-council: p. 73.
130. Condo, condere, condidi, conditum-to hide, put away: p. 73.
131. Congruo, congruere, congrui-tp come together, agree, suit, accord: p. 73.
132. Contra-opposite, against: p. 74.
133. Copia-plenty, profusion: p. 75.
134. Coquo, coquere, coxi, coctum-cook: p. 75.
135. Cor, cordis-heart: p. 76.
136. Corium-leather: p. 76.
137. Cornu-horn: p. 77.
138. Corona-crown, wreath: p. 78.
139. Corpus, corporis-body: p. 79.
140. Cortex, corticis-bark, rind, shell, husk: p. 79.
141. Costa-rib, flank, side: p. 80.
142. Crassus-thick, stupid, fat: p. 80.
143. Cratis-lattice, wickerwork hurdle: p. 80.
144. Credo, credere, credidi, creditum-to believe, trust: p. 81.
145. Creo, creare, creavi, creatum-make, create, produce, cause: p. 81.
146. Crepito, crepitare, crepitavi, crepitatum-to rattle, clatter, rustle, creak: p. 82.
147. Cresco, crescere, crevi, cretum-to grow, arise, appear, increase: p. 82.
148. Croccus-hook: p. 82.
149. Crudus-bloody, raw, undigested, rough: p. 83.
150. Crusta-rind, shell, husk: p. 83.
151. Crux, crucis-cross: p. 84.
152. Cubo, cubere, cubui, cubitum-to lie down, lie asleep: p. 85.
153. Culpa-fault, blame: p. 90.
154. Cum-with, together, thoroughly: p. 86.
155. Cumulus-pile, heap: p. 87.
156. Cuneus-wedge: p. 87.
157. Cupa-barrel, vat, cask, tub: p. 87.
158. Cupio, cupere, cupivi, cupitum-to wish, want, desire, long for: p. 88.
159. Curo, curare, curavi, curatum-to take care of, supervise: p. 88.
160. Curro, currere, cucurri, cursum-to run: p. 89.
161. Curtus-shortened, short: p. 89.
162. Curvus-bent, curved: p. 90.
163. Cutis-skin: p. 90.
164. Damno, damnare, damnavi, damnatum-to declare guilty: p. 91 .
165. De-down, off, from, completely: p. 91.
166. Debeo, debere, debui-to owe, ought: p. 91.
167. Decem-ten: p. 92.
168. Decet, decere, decuit-to add grace to, adorn: p. 92.
169. Deleo, delere, delevi, deletum-to destroy, efface, wipe out: p. 93.
170. Dens, dentis-tooth: p. 93.
171. Densus-thick: p. 93.
172. Deus-god: p. 94.
173. Dexter, dextra, dextrum-right: p. 95.
174. Dico, dicere, dixi, dictum-to say, tell: pp. 96-97.
175. Dies-day: p. 97.
176. Digitus-finger: p. 98.
177. Dignus-worthy, deserving: p. 98.
178. Dis-apart, not, away from, reversal: p. 99.
179. Disco, discere, didici-to learn: p. 99.
180. Divido, dividere, divisi, divisum-to separate a whole into parts: p. 99.
181. Do, dare, dedi, datum-to give: pp. 100-101.
182. Doceo, docere, docui, doctum-to teach: p. 101.
183. Doleo, dolere, dolui-to feel pain, grieve, suffer: p. 101.
184. Dominus-master: p. 102.
185. Domo, domare, domavi, domatum-to tame, subdue: p. 103.
186. Domus-house: p. 103.
187. Dormio, dormire, dormivi, dormitum-to sleep: p. 103.
188. Dorsum-back: p. 104.
189. Draco, draconis-dragon, snake, serpent: p. 104.
190. Drama, dramatis-play, drama: p. 105.
191. Dubium-doubt: p. 105.
192. Duco, ducere, duxi, ductum-lead: p. 106.
193. Dulcis-sweet: p. 107.
194. Duo-two: p. 107.
195. Duro, durare, duravi, duratum-to make hard, continue in existence: p. 108.
196. Ebrius-drunk: p. 109.
197. Edo, edere, edi, esum-to eat: p. 109.
198. Ego-I: p. 109.
199. Elementum-component, ingredient, particle, rudiment, beginning: p. 110.
200. Emo, emere, emi, emptum-to buy, take, gain: p. 110.
201. Eo, ire, ii, itum-to go: pp. 111-112.
202. Equus-horse: p. 112.
203. Erro, errare, erravi, erratum-wander, err, make a mistake
204. Ex-out of, from, intensive
205. Experior, experiri, expertus sum-to try, test, attempt: p. 113.
206. Extra-beyond, outside: p. 113.
207. Fabrica-art, craft, workshop: p. 114.
208. Facies-face, surface: p. 114.
209. Facio, facere, feci, factum-to make, do: pp. 115-117.
210. Fallo, fallere, fefelli, falsum-to trick, deceive: p. 118.
211. Fama-reputation, rumor, report: p. 118.
212. Familia-household, personal group: p. 118.
213. Far, farris-grain: p. 119.
214. Fascis-bundle: p. 119.
215. Fateor, fateri, fassus sum-to confess, admit, acknowledge: p. 119.
216. Fatigo, fatigare, fatigavi, fatigatum-to weary, tire: p. 120.
217. Fatuus-foolish, silly, insipid: p. 120.
218. Faveo, favere, favi, fautum-to be well-disposed towards, to support: p. 120.
219. Febris-fever: p. 121.
220. Felix, felicis-happy, lucky: p. 121.
221. Femina-woman: p. 121.
222. Fendo, fendere, fendi, fensum-to ward off, strike: p. 122.
223. Fero, ferre, tuli, latum-to bear, carry: pp. 123-124.
224. Ferrum-iron: p. 124.
225. Ferus-wild, savage, cruel: p. 125.
226. Ferveo, fervere, fervui-to boil, be hot: p. 125.
227. Festum-a feast: p. 125.
228. Fides-trust, faith: p. 126.
229. Figo, figere, fixi, fixum-to fasten, fix: p. 126.
230. Filia-daughter: 127.
231. Filum-thread: 127.
232. Findo, findere, fidi, fissum-to cleave, split: 128.
233. Fingo, fingere, finxi, fictum-to pretend, invent, forge, shape: p. 128.
234. Finis-end, boundary, limit: p. 129.
235. Firmus-strong, stable, immovable: p. 130.
236. Fiscus-purse, treasury: p. 130.
237. Flagro, flagrare, flagravi, flagratum-to burn: p. 130.
238. Flamma-flame: p. 131.
239. Flecto, flectere, flexi, flexum-to bend: p. 131.
240. Fleo, flere, flevi, fletum-to weep, bewail, lament: p. 132.
241. Fligo, fligere, flixi, flictum-to strike: p. 132.
242. Flo, flare, flavi, flatum-to blow: p. 132.
243. Flos, floris-flower, blossoming, zenith, best period of life: p. 133.
244. Fluo, fluere, fluxi, fluxum-to flow: p. 134.
245. Focus-hearth, fireplace: p. 135.
246. Folium-leaf: p. 135.
247. Follis-bellows, inflated ball, windbag: p. 136.
248. For, fari, fatus sum-to speak, talk, say: p. 137.
249. Forma-shape: p. 138.
250. Fortis-strong: p. 139.
251. Fortuna-luck, chance: p. 139.
252. Forum-forum, marketplace: p. 140.
253. Frango, frangere, fregi, fractum-to break: p. 140.
254. Frater, fratris-brother: p. 141.
255. Frendo, frendere, frendui, fresum-to grind: p. 141.
256. Frequens, frequentis-crowded, repeated, constant: p. 141.
257. Frigeo, frigere-to be cold: p. 142.
258. Frons, frontis-forehead, foremost part: p. 142.
259. Fructus-fruit, enjoyment: p. 143.
260. Fugio, fugere, fugi-to flee: p. 143.
261. Fulgeo, fulgere, fulsi-to shine, flash: p. 143.
262. Fumus-smoke: p. 144.
263. Fundo, fundere, fudi, fusum-to pour, melt: p. 144.
264. Fundus-bottom: p. 145.
265. Fungor, fungi, functus sum-to perform: p. 145.
266. Funus, funeris-funeral: p. 145.
267. Fur-thief: p. 145.
268. Furca-fork: p. 146.
269. Furo, furere, furui-to rage, be mad or furious: p. 146.
270. Fustis-club: p. 146.
271. Gaudeo, gaudere, gavisus sum-to rejoice: p. 147.
272. Gelo, gelare, gelavi, gelatum-to freeze, turn to ice: p. 147.
273. Gemma-bud, gem: p. 148.
274. Gemini-twins: p. 148.
275. Gens, gentis-clan, tribe, nation, people: p. 148.
276. Gero, gerere, gessi, gestum-to bear, bring, carry, wear, achieve, perform: p. 149.
277. Gigno, gignere, genui, genitum-to bring forth: pp. 150-152.
278. Glacies-ice: p. 152.
279. Gladius-sword: p. 153.
280. Globus-sphere: p. 153.
281. Glomus, glomeris-ball-shaped mass: p. 153.
282. Gloria-honor, praise: p. 154.
283. Gluten, glutinis-glue: p. 154.
284. Gluttio, gluttire, glutii, glutitum-to swallow, gulp down: p. 154.
285. Gnosco, gnoscere, gnovi, gnotum-to get to know, find out: p. 155.
286. Gradior, gradi, gressus sum-to step, move: p. 156.
287. Grandis-great, old, grown up, lofty, powerful: p. 157.
288. Granum-grain, seed: p. 158.
289. Gratus-pleasing, beloved, dear, thankful, welcome: p. 159.
290. Gravis-heavy, serious: p. 160.
291. Grex, gregis-flock: p. 160.
292. Grossus-large, bulky, thick: p. 161.
293. Guberno, gubernare, gubernavi, gubernatum-to steer a ship, govern: p. 161.
294. Gula-gullet, throat, appetite: p. 161.
295. Gusto, gustare, gustavi, gustatum-to taste: p. 161.
296. Gutta-drop: p. 162.
297. Guttur-gullet, throat, appetite: p. 162.
298. Habeo, habere, habui, habitum-to have, hold, handle: p. 163.
299. Haereo, haerere, haesi, haesum-to stick, cling: p. 164.
300. Halo, halare, halavi, halatum-to breathe: p. 164.
301. Herba-plant, grass: p. 165.
302. Heres-heir: p. 165.
303. Hilaris-cheerful: p. 165.
304. Homo, hominis-human being, man: p. 166.
305. Honor, honoris-honor, esteem, repute: p. 166.
306. Horreo, horrere, horrui-to tremble, dread, shudder, bristle: p. 167.
307. Hortor, hortari, hortatus sum-to urge, encourage: p. 167.
308. Hospes, hospitis-guest, host: p. 167.
309. Humanus-pertaining to man, kind, refined: p. 168.
310. Humor-moisture, liquid, bodily fluid: p. 168.
311. Humus-the ground, earth: p. 169.
312. Iacio, iacere, ieci, iactum-to throw: pp. 170-171.
313. Ianua-door: p. 171.
314. Idem-same: p. 171.
315. Ignis-fire: p. 172.
316. Ille, illa, illud-that: p. 172.
317. Imago, imaginis-image, likeness, idea: p. 172.
318. In-in, on, not, into: p. 173.
319. Index, indicis-forefinger: p. 174.
320. Infra-below: p. 174.
321. Instauro, instaurare, instauravi, instauratum-to renew, repeat, restore: p. 174.
322. Insula-island: p. 175.
323. Integer, integra, integrum-whole, entire, untouched: p. 175.
324. Inter-between, within: p. 176.
325. Intro-within: p. 177.
326. Invito, invitare, invitavi, invitatum-to invite, allure, entice, incite: p. 177.
327. Iocus-a jest, joke: p. 177.
328. Ira-anger: p. 178.
329. Irrito, irritare, irritavi, irritatum-to provoke, annoy, excite, aggravate: p. 178.
330. Iterum-again: p. 178.
331. Iubilo, iubilare, iubilavi, iubilatum-to raise a shout of joy: p. 178.
332. Iudex, iudicis-judgel, one who gives an opinion: p. 179.
333. Iugum-yoke: p. 179.
334. Iungo, iungere, iunxi, iunctum-to join: p. 180.
335. Ius, iuris-law, right: p. 181.
336. Iuvenis-young man: p. 182.
337. Iuvo, iuvare, iuvi, iutum-to help, delight: p. 182.
338. Labor-exertion, labor, toil: p. 183.
339. Labor, labi, lapsus sum-to slip, fall: p. 183.
340. Lac, lactis-milk: p. 184.
341. Lacio, lacere-to entice, inveigle, lure, deceive: p. 185.
342. Lacrima-tear (of the eye): p. 185.
343. Lacus-lake: p. 186.
344. Laedo, laedere, laesi, laesum-to harm, hurt, strike: p. 186.
345. Langueo, languere-to be sluggish, wilt, lack vigor: p. 186.
346. Lanx, lancis-one of the scales of a balance: p. 187.
347. Lapis, lapidis-stone: p. 187.
348. Largus-generous, bountiful, copious, ample, plentiful: p. 187.
349. Lassus-weary: p. 188.
350. Lateo, latere, latui-to lie hidden, lurk: p. 188.
351. Latium-the district in which Rome was situated: p. 188.
352. Latus-wide: p. 188.
353. Latus, lateris-side, flank: p. 189.
354. Laus, laudis-praise: p. 189.
355. Lavo, lavare, lavi, lautum-to wash: p. 189.
356. Laxus-slack, loose: p. 190.
357. Lego, legare, legavi, legatum-to bind, choose, send, appoint: p. 190.
358. Lego, legere, legi, lectum-to read, choose, collect: p. 191.
359. Lenio, lenire, lenii, lenitum-to mitigate, allay, ease: p. 192.
360. Levo, levare, levavi, levatum-to raise: p. 192.
361. Lex, legis-law: p. 193.
362. Liber-free: p. 193.
363. Liber, libri-book: p. 194.
364. Libra-balance, scales, Roman pound: p. 194.
365. Licet, licere, licuit-it is permitted, one may: p. 195.
366. Lignum-wood: p. 195.
367. Ligo, ligare, ligavi, ligatum-to tie, bind: p. 196.
368. Limen, liminis-threshold: p. 196.
369. Limes, limitis-boundary, track: p. 197.
370. Lingua-tongue: p. 197.
371. Linquo, linquere, liqui-to leave, abandon, forsake: p. 198.
372. Linum-flax, thread: p. 198.
373. Liqueo, liquere, liqui-to flow, be liquid: p. 199.
374. Litera-letter: p. 199.
375. Locus-place: p. 200.
376. Longus-long: p. 201.
377. Loquor, loqui, locutus sum-to talk: p. 201.
378. Lubricus-oily, slippery, inconstant: p. 202.
379. Lucrum-gain, profit: p. 202.
380. Luctor, luctari, luctatus sum-to struggle, fight against: p. 202.
381. Ludo, ludere, lusi, lusum-to play, tease, trick: p. 202.
382. Lugeo, lugere, luxi, luctum-to mourn, lament: p. 203.
383. Lumen, luminis-light: p. 203.
384. Luna-moon: p. 204.
385. Lupus-wolf: p. 204.
386. Lustro, lustrare, lustravi, lustratum-to illumine, purify, brighten: p. 205.
387. Lux, lucis-light: p. 205.
388. Luxus-luxury, soft-living, sumptuousness: p. 205.
389. Macula-spot, stain, mesh: p. 206.
390. Magister, magistri-ruler, leader: p. 206.
391. Magnus-large, great: p. 207.
392. Magus-sorceror: p. 208.
393. Malleus-hammer: p. 208.
394. Malus-bad, evil: p. 209.
395. Mamma-breast, udder: p. 210.
396. Mando, mandare, mandavi, mandatum-to order, entrust: p. 210.
397. Maneo, manere, mansi, mansum-to stay, remain: p. 211.
398. Mantellum-cloak: p. 211.
399. Manus-hand: p. 212.
400. Mare-sea: p. 213.
401. Margo, marginis-border, edge: p. 213.
402. Martyr-a witness: p. 214.
403. Mas-a male: p. 214.
404. Masca-mask, witch, specter: p. 214.
405. Mater, matris-mother: p. 215.
406. Maturo, maturare, maturavi, maturatum-to make ripe, hasten: p. 216.
407. Medeor, mederi-to heal, cure, remedy: p. 216.
408. Meditor, meditari, meditatus sum-to reflect upon, muse over: p. 216.
409. Medius-middle: p. 217.
410. Mel-honey: p. 218.
411. Melior-better: p. 218.
412. Membrum-a limb, part, portion, division: p. 218.
413. Memor-remembering, mindful: p. 219.
414. Mendum-fault, defect: p. 220.
415. Mens, mentis-mind: p. 220.
416. Meo, meare, meavi, meatum-to pass, proceed: p. 221.
417. Mereo, merere, merui, meritum-to earn, gain, deserve: p. 221.
418. Mergo, mergere, mersi, mersum-to plunge, bury, drown: p. 221.
419. Merx, mercis-goods, trade, traffic: p. 222.
420. Metior, metiri, mensus sum-to measure, traverse, estimate: p. 223.
421. Meus-my, mine: p. 223.
422. Migro, migrare, migravi, migratum-to move, pass into a new condition: p. 223.
423. Miles, militis-soldier: p. 224.
424. Mille-one thousand: p. 224.
425. Mineo, minere-to lean forward, project, jut out, threaten: p. 225.
426. Minio, miniare, miniavi, miniatum-to color red with cinnabar: p. 225.
427. Ministro, ministrare, ministravi, ministratum-to serve, act as a servant: p. 225.
428. Minor-smaller, lesser, younger: p. 226.
429. Minor, minari, minatus sum-to threaten: p. 226.
430. Miror, mirari, miratus sum-wonder at, be amazed at, admire: p. 227.
431. Misceo, miscere, miscui, mixtum-to blend, mingle, mix: p. 227.
432. Miser-wretched: p. 227.
433. Mitto, mittere, misi, missum-to send: p. 228.
434. Modus-measure, method, mode, manner, way, rhythm, moderation: p. 229.
435. Moles-heap, mass: p. 230.
436. Mollis-soft: p. 230.
437. Molo, molere, molui, molitum-to grind (in a mill): p. 231.
438. Moneo, monere, monui, monitum-to warn, advise, remind: p. 231.
439. Mons, montis-mountain: p. 232.
440. Morbus-disease: p. 233.
441. Mordeo, mordere, momordi, morsum-to bite, sting, hurt, distress: p. 233.
442. Moror, morari, moratus sum-to delay, stay behind: p. 233.
443. Mors, mortis-death: p. 234.
444. Mos, moris-custom, habit, manner: p. 234.
445. Moveo, movere, movi, motum-to move: p. 235.
446. Multus-much: p. 236.
447. Mundus-world: p. 236.
448. Munus, muneris-duty, function, gift, public service, public show: p. 237.
449. Murus-wall: p. 238.
450. Mus, muris-mouse: p. 238.
451. Muto, mutare, mutavi, mutatum-to change, alter: p. 239.
452. Narro, narrare, narravi, narratum-to tell, relate: p. 240.
453. Nascor, nasci, natus sum-to be born: p. 241.
454. Nasus-nose: p. 242.
455. Navis-ship: p. 242.
456. Nebula-mist, cloud: p. 242.
457. Necto, nectere, nexi, nexum-to tie: p. 243.
458. Nego, negare, negavi, negatum-to deny, say not: p. 243.
459. Neuter, neutra, neutrum-neither: p. 244.
460. Nidus-nest: p. 244.
461. Niger, nigra, nigrum-black: p. 245.
462. Nihil-nothing: p. 245.
463. Noceo, nocere, nocui, nocitum-to harm: p. 245.
464. Nodus-knot, rope, difficulty, intricacy: p. 246.
465. Nomen, nominis-name: p. 246.
466. Non-not: p. 247.
467. Norma-carpenter's square, pattern, standard: p. 247.
468. Noster, nostra, nostrum-our: p. 247.
469. Nota-mark, sign, letter, word: p. 247.
470. Novem-nine: p. 248.
471. Novus-new: p. 248.
472. Nox, noctis-night: p. 249.
473. Nubes-cloud: p. 249.
474. Nubo, nubere, nupsi, nuptum-to marry, take a husband: p. 249.
475. Nullus-no, not any, none: p. 249.
476. Numerus-number: p. 250.
477. Nuntius-messenger: p. 250.
478. Nutrio, nutrire, nutrivi, nutritum-to nourish, foster, bring up, suckle: p. 250.
479. Nux, nucis-nut: p. 251.
480. Ob-to, toward, against, in the way: p. 252.
481. Obliviscor, oblivisci, oblitus sum-to forget: p. 252.
482. Obscurus-covered, dark: p. 252.
483. Octo-eight: p. 253.
484. Oculus-eye: p. 253.
485. Odium-hatred: p. 254.
486. Oleo, olere, olui-to smell: p. 254.
487. Oleum-oil: p. 254.
488. Omen, ominis-sign, augury: p. 255.
489. Omnis-all: p. 255.
490. Onus, oneris-burden, load: p. 255.
491. Operio, operire, operui, opertum-to cover over, shut, conceal: p. 256.
492. Opto, optare, optavi, optatum-to wish, choose: p. 256.
493. Opus, operis-work: p. 257.
494. Orbis-circle: p. 257.
495. Ordo, ordinis-order, row, series: p. 258.
496. Orior, oriri, ortus sum-to rise, begin, be born: p. 258.
497. Orno, ornare, ornavi, ornatum-to decorate, beautify, arrange: p. 258.
498. Os, oris-mouth: p. 259.
499. Os, ossis-bone: p. 259.
500. Otium-leisure: p. 260.
501. Ovum-egg: p. 260.
502. Paene-almost: p. 261.
503. Palatium-Palatine Hill, Roman imperial residence: p. 261.
504. Palleo, pallere, pallui-to be pale, fade: p. 261.
505. Pallium-cloak: p. 262.
506. Palpo, palpare, palpavi, palpatum-to stroke, caress, touch: p. 262.
507. Pando, pandere, pandi, passum (pansum)-spread out, extend, reveal: p. 263.
508. Pango, pangere, pepigi, pactum-fix, fasten, drive in: p. 264.
509. Panis-bread: p. 264.
510. Par-equal: p. 265.
511. Pario, parere, peperi, partum-to give birth, produce, come to sight: p. 265.
512. Paro, parare, paravi, paratum-to prepare, obtain, make ready: p. 266.
513. Pars, partis-part: p. 267.
514. Pasco, pascere, pavi, pastum-to feed, pasture, nurture: p. 268.
515. Pasta-dough, paste: p. 268.
516. Pateo, patere, patui-to be open, be visible, be accessible: p. 269.
517. Pater, patris-father: p. 269.
518. Patior, pati, passus sum-to suffer, endure, tolerate, experience: p. 270.
519. Pauper-poor, of small worth: p. 270.
520. Pausa-pause, temporary halt: p. 270.
521. Pax, pacis-peace: p. 271.
522. Pecco, peccare, peccavi, peccatum-to stumble, sin: p. 271.
523. Pectus, pectoris-chest: p. 271.
524. Pecunia-money: p. 272.
525. Peior-worse: p. 272.
526. Pello, pellere, pepuli, pulsum-to push: p. 273.
527. Pendeo, pendere, pependi, pensum-to hang, weigh: p. 274.
528. Penetro, penetrare, penetravi, penetratum-to pierce, gain entrance: p. 275.
529. Penna-feather, wing: p. 275.
530. Per-through, thoroughly: p. 276.
531. Pes, pedis-foot: p. 276.
532. Pestis-pest, rascal, plague: p. 277.
533. 
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535. Puto, putare, putavi, putatum-to think, reckon, consider, judge, clear: p. 303.
536. Quaero, quaerere, quaesivi, quaesitum-to seek, ask: p. 304.
537. Qualis-of what kind: p. 305.
538. Quantus-how many, how much: p. 305.
539. Quartus-fourth: p. 306.
540. Quasi-as if, practically, almost: p. 306.
541. Quatio, quatere, quassi, quassum-to shake, strike, shatter: 306.
542. Quattuor-four: p. 307.
543. Queror, queri, questus sum-to complain: p. 307.
544. Qui-who, which: p. 308.
545. Quies, quietis-quiet, rest: p. 308.
546. Quinque-five: p. 309.
547. Quirito, quiritare-to cry out, shout out in complaint: p. 309.
548. Quot-how many: p. 309.
549. Radius-ray, staff: p. 310.
550. Radix, radicis-root: p. 311.
551. Rado, radere, rasi, rasum-to scrape, scratch: p. 311.
552. Ramus-branch: p. 311.
553. Rapio, rapere, rapui, raptum-to snatch, grab, seize: p. 312.
554. Reor, reri, ratus sum-to suppose, think, deem: p. 313.
555. Re-back, again: p. 314.
556. Redo, redare-to make ready: p. 314.
557. Rego, regere, rexi, rectum-to rule, guide, direct: p. 315-316.
558. Repo, repere, repsi, reptum-to crawl, creep: p. 316.
559. Res, rei-thing, matter: p. 317.
560. Rete, retis-net: p. 318.
561. Retro-backward: p. 318.
562. Rideo, ridere, risi, risum-to laugh, smile: p. 318.
563. Rigeo, rigere-to be stiff, be numb: p. 319.
564. Ripa-riverbank, shore: p. 319.
565. Robustus-made of oak, hard, firm, strong: p. 319.
566. Rodo, rodere, rosi, rosum-to gnaw, eat away, chew: p. 320.
567. Rogo, rogare, rogavi, rogatum-to ask: p. 320.
568. Roma-Rome: p. 321.
569. Rosa-rose: p. 321.
570. Rota-wheel: p. 322.
571. Ruber, rubra, rubrum-red: p. 323.
572. Rudis-coarse, unskilled, awkward, uncultured, untaught: p. 323.
573. Rumpo, rumpere, rupi, ruptum-to burst, rupture: p. 324.
574. Rus, ruris-country: p. 324.
575. Saccharum-sugar: p. 325.
576. Sacer, sacra, sacrum-sacred, holy: p. 325.
577. Saeculum-age, world: p. 326.
578. Sal-salt: p. 326.
579. Salio, salire, salii, saltum-to leap, spring forward, jump: p. 327.
580. Salus, salutis-health, safety, greeting: p. 327.
581. Salvus-safe: p. 328.
582. Sanctus-holy: p. 328.
583. Sanguis, sanguinis-blood: p. 329.
584. Sanus-healthy, sound: p. 329.
585. Sapio, sapere, sapii-to taste, be wise: p. 329.
586. Satis-enough: p. 330.
587. Saturnus-Saturn: p. 330.
588. Scala-ladder: p. 331.
589. Scando, scandere, scandi, scansum-to climb, scan verse: p. 331.
590. Scindo, scindere, scidi, scissum-to split, cleave, tear apart, cut: p. 332.
591. Scintilla-spark: p. 332.
592. Scio, scire, scivi, scitum-to know: p. 333.
593. Scribo, scribere, scripsi, scriptum-to write: p. 334.
594. Scutum-shield: p. 335.
595. Se, Sed-without, apart: p. 335.
596. Seco, secare, secui, sectum-to cut: p. 335.
597. Sedeo, sedere, sedi, sessum-to sit: p. 336.
598. Semen, seminis-seed: p. 337.
599. Semi-half: p. 337.
600. Senex-old man: p. 338.
601. Sentio, sentire, sensi, sensum-to feel, sense, perceive, notice: p. 339.
602. Sepelio, sepelire, sepelivi, sepultum-to bury: p. 340.
603. Septem-seven: p. 340.
604. Sequor, sequi, secutus sum-to follow: p. 341.
605. Sero, serere, serui, sertum-to join, string together, connect: p. 341.
606. Servio, servire, servii, servitum-to wait on: p. 342.
607. Servo, servare, servavi, servatum-to guard, keep, save, protect: p. 343.
608. Severus-grave, strict, austere, stern: p. 343.
609. Sex-six: p. 343.
610. Siccus-dry: p. 344.
611. Sidus, sideris-star: p. 344.
612. Signum-mark, seal, sign: p. 345.
613. Silva-forest: p. 346.
614. Similis-like: p. 346.
615. Simul-together, at the same time: p. 346.
616. Sine-without: p. 347.
617. Singulus-one by itself, one at a time, one by one: p. 347.
618. Sinus-curve, fold, hollow: p. 347.
619. Sisto, sistere, sti(e)ti, statum-to stand firm, stand still, erect: p. 348.
620. Situs-positioned, situated: p. 348.
621. Socius-companion, ally: p. 349.
622. Sol-sun: p. 349.
623. Soleo, solere, solitus sum-to be in the habit of, be accustomed, use: p. 350 .
624. Solidus-solid, whole: p. 350.
625. Solor, solari, solatus sum-to comfort, mitigate, relieve: p. 350.
626. Solus-sole, alone, lonely: p. 351.
627. Solvo, solvere, solvi, solutum-to loosen, destroy: p. 352.
628. Somnus-sleep: p. 352.
629. Sono, sonare, sonavi, sonatum-to sound: p. 353.
630. Sorbeo, sorbere, sorbui, sorbitum-to suck up, soak up: p. 354.
631. Soror-sister: p. 354.
632. Sors, sortis-lot, fortune, condition, rank, class, order: p. 354.
633. Spargo, spargere, sparsi, sparsum-to scatter, besprinkle: p. 355.
634. Spatium-distance: p. 355.
635. Specio, specere, spexi, spectum-to see, observe, look, watch over: pp. 356-357.
636. Spero, sperare, speravi, speratum-to hope, hope for: p. 357.
637. Spira-a coil: p. 357.
638. Spiro, spirare, spiravi, spiratum-to breathe: p. 358.
639. Splendidus-bright, shining: p. 358.
640. Spondeo, spondere, spopondi, sponsum-to pledge: p. 359.
641. Stagnum-a pool of standing water: p. 359.
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719. Talea-a cutting: p. 372
720. Tango, tangere, tetigi, tactum-to touch: p. 373.
721. Tardus-slow: p. 374.
722. Taurus-bull: p. 374.
723. Tego, tegere, texi, tectum-to cover, shield, conceal, protect: p. 375.
724. Tempero, temperare, temperavi, temperatum-to regulate, mix properly: p. 375.

725
726
727. Tendo, tendere, tetendi, tensum (tentum)-to stretch: p. 377.
728. Teneo, tenere, tenui, tentum-to hold: p. 378.
729. Tener-delicate, soft, young: p. 379.
730. Tenuis-thin, narrow: p. 379.
731. Terminus-boundary, end: p. 379.
732. Tero, terere, trivi, tritum-to rub, wear away: p. 380.
733. Terra-earth, land: p. 380.
734. Terreo, terrere, terrui, territum-to scare: p. 381.
735. Tertius-third: p. 381.
736. Testis-witness, proof: p. 381.
737. Texo, texere, texui, textum-to weave, plait, construct with care: p. 382.
738. Timeo, timere, timui-to fear, be afraid: p. 382.
739. Tingo, tingere, tinxi, tinctum-to dye, wet, stain: p. 382.
740. Titulus-label, title: p. 383.
741. Tollo, tollere, sustuli, sublatum-to raise, lift up, carry: p. 383.
742. Tono, tonare, tonui, tonitum-to thunder: p. 383.
743. Torpeo, torpere-to be stiff, be numb, be lethargic: p. 384.
744. Torqueo, torquere, torsi, tortum-to twist: p. 384.
745. Torreo, torrere, torrui, tostum-to parch, dry up, burn: p. 385.
746. Totus-whole, entire: p. 385.
747. Toxicum-poison: p. 385.
748. Traho, trahere, traxi, tractum-to draw, drag, pull: pp. 386-387.
749. Trans-across, through: p. 387.
750. Tremo, tremere, tremui-to shake, tremble: p. 387.
751. Trepidus-alarmed, anxious: p. 388.
752. Tres-three: p. 388.
753. Tribus-tribe, division of the Roman people: p. 389.
754. Tricor, tricari, tricatus sum-to play tricks, entangle, make difficulties: p. 389.
755. Trudo, trudere, trusi, trusum-to thrust, push: p. 389.
756. Trunco, truncare, truncavi, truncatum-to cut, mutilate: p. 390.
757. Tueor, tueri, tuitus (tutus) sum-to protect, look after, keep safe: p. 390.
758. Tumeo, tumere, tumui-to swell: p. 391.
759. Tundo, tundere, tutudi, tusum-to beat, bruise, pulp, crush
760. Turbo, turbare, turbavi, turbatum-to disturb, confuse, trouble, muddy: p. 392.
761. Turris-tower: p. 392.
762. Ubi-where: p. 393.
763. Ultra-beyond: p. 393.
764. Umbra-shade: p. 394.
765. Unda-wave: p. 394.
766. Unguo, unguere, unxi, unctum-to anoint, smear with oil: p. 394.
767. Unus-one: p. 395.
768. Urbs, urbis-city: p. 396.
769. Utor, uti, usus sum-to use: p. 397.
770. Vaco, vacare, vacavi, vacatum-to be empty, have leisure: p. 398.
771. Vado, vadere, vasi-to go, proceed, advance: p. 398.
772. Vagor, vagari, vagatus sum-to wander, roam, rove: p. 398.
773. Valeo, valere, valui, valitum-to be strong, be well, be of value: p. 399.
774. Vallum-rampart, palisade: p. 400.
775. Vanus-empty, hollow, illusory, vain: p. 400.
776. Vapor-steam, exhalation: p. 400.
777. Varius-diverse, different, manifold, varying, various: p. 401.
778. Vas-dish, vessel: pl 402.
779. Vastus-desolate, laid waste, huge, enormous: p. 402.
780. Veho, vehere, vexi, vectum-to carry: p. 402.
781. Vello, vellere, velli, vulsum-to pluck, pull out, tear up: p. 403.
782. Velox, velocis-fast, swift: p. 403.
783. Velum-sail, curtain, veil: p. 403.
784. Vena-blood-vessel, vein of ore, vein: p. 404.
785. Veneror, venerari, veneratus sum-to worship, revere, honor: p. 404.
786. Venio, venire, veni, ventum-to come: p. 405.
787. Venter, ventris-belly, abdomen, stomach: p. 406.
788. Ventus-wind: p. 406.
789. Ver, veris-spring: p. 406.
790. Verbum-word: p. 407.
791. Vereor, vereri, veritus sum-to fear, feel awe: p. 407.
792. Vergo, vergere-to incline, bend, sink: p. 408.
793. Vermis-worm: p. 408.
794. Verto, vertere, verti, versum-to turn: pp. 409-410.
795. Verus-true: p. 411.
796. Vestigium-footprint: p. 411.
797. Vestis-garment: p. 411.
798. Vetus, veteris-old, long-standing: p. 412.
799. Via-road: p. 412.
800. Vibro, vibrare, vibravi, vibratum-to shake, vibrate: p. 413.
801. Vicis-change, instead of: p. 413.
802. Vicus-village, hamlet: p. 413.
803. Video, videre, vidi, visum-to see: pp. 414-415.
804. Vigeo, vigere, vigui-to be lively, active: p. 415.
805. Vilis-contemptible, mean, common, cheap, base: p. 416.
806. Villa-farmhouse, house: p. 416.
807. Vinco, vincere, vici, victum-to conquer, win: p. 417.
808. Vindex, vindicis-claim, avenger, surety, defender, revenge: p. 417.
809. Vinum-wine: p. 418.
810. Vir-man: p. 419.
811. Viridis-green: p. 420.
812. Virus-poison: p. 420.
813. Vis-force, power, energy, violence: p. 421.
814. Viscera-entrails, internal organs: p. 421.
815. Viscum-mistletoe, birdlime: p. 421.
816. Vita-life: p. 422.
817. Vitium-flaw, defect, vice: p. 423.
818. Vitrum-glass: p. 423.
819. Voco, vocare, vocavi, vocatum-to call: p. 424.
820. Volo, volare, volavi, volatum-to fly: p. 425.
821. Volo, velle, volui-to wish, want: p. 425.
822. Volvo, volvere, volvi, volutum-to roll, wrap up, turn round: p. 426.
823. Voro, vorare, voravi, voratum-to eat: p. 427.
824. Voveo, vovere, vovi, votum-to vow, pledge, wish: p. 427.
825. Vulgo, vulgare, vulgavi, vulgatum-to make common, publish: p. 428.
826. Vulnus, vulneris-wound: p. 428.

## Appendix VI: Primary Greek Roots

This appendix only lists the first given root of a tree, or its primary root. Please see the tree for all subsidiary roots.
827. A, An-not, without: p. 429.
828. Aer-air: p. 430.
829. Agein-to lead, bring, drive, weigh: p. 431.
830. Agora-marketplace: p. 431.
831. Aisthesis-sensation, perception: p. 432.
832. Aither-upper air, clear sky: p. 432.
833. Akademeia-school where Plato taught: p. 432.
834. Akoustikos-pertaining to hearing: p. 433.
835. Akros-high, topmost, pointed, extreme: p. 433.
836. Algos-pain: p. 434.
837. Allos-other, different: p. 434.
838. Ammon-Amen: p. 435.
839. Amphi-around, both, at both ends, two ways: p. 435.
840. Ana-back, up, again, throughout: p. 436.
841. Aner, andros-man, husband: p. 437.
842. Angeion-blood vessel: p. 437.
843. Angelos-messenger: p. 438.
844. Anthos-flower: p. 438.
845. Anthropos-human, man: p. 439.
846. Anti-opposite, against: p. 440.
847. Apo-away, from, intensive: p. 440.
848. Archein-to rule, begin: p. 441.
849. Aristos-best: p. 441.
850. Arithmos-number: p. 442.
851. Arteria-artery, windpipe: p. 442.
852. Arthron-joint: p. 442.
853. Aster-star: p. 443.
854. Athlos-contest, prize, conflict, struggle: p. 443.
855. Autos-self, same: p. 444.
856. Ballein-to throw: p. 445.
857. Barbaros-foreign, non-Greek: p. 446.
858. Barys-heavy: p. 446.
859. Basileus-king: p. 447.
860. Basis-tread, base: p. 447.
861. Bathys-deep: p. 448.
862. Biblion-book: p. 448.
863. Bios-life: p. 449.
864. Bombos-a humming, booming: p. 450.
865. Bous-cow, ox: p. 450.
866. Charakter-stamp, mark, character: p. 451.
867. Cheir-hand: p. 451.
868. Chilioi-one thousand: p. 452.
869. Chloros-green, light green, greenish-yellow: p. 452.
870. Chole-bile, gall: p. 453.
871. Chondros-grain, cartilage: p. 453.
872. Chorde-gut-string, the string of a lyre: p. 454.
873. Choros-choir, round dance, band of dancers and singers: p. 454.
874. Chriein-to anoint: p. 455.
875. Chroma, chromatos-color: p. 456.
876. Chronos-time: p. 457.
877. Chrysos-gold: p. 458.
878. Chthonos-earth: p. 458.
879. Daimon-spirit, divine power: p. 459.
880. Daktylos-finger: p. 459.
881. Deiknunai-to show: p. 460.
882. Deinos-terrible, monstrous: p. 460.
883. Demos-people: p. 460.
884. Dendron-tree: p. 461.
885. Derma, dermatos-skin: p. 461.
886. Dia-through, across, intensive: p. 462.
887. Dicha-in two, asunder: p. 462.
888. Didaskein-to teach: p. 462.
889. Dis-two, twice, double: p. 463.
890. Diskos-quoit, disc: p. 463.
891. Doxa-opinion, glory: p. 464.
892. Dromos-a course, running, race: p. 464.
893. Dynamis-power: p. 465.
894. Dys-bad, difficult: p. 465.
895. Ec, Ex-out of, from: p. 466.
896. Eikon-image, statue, portrait, semblance: p. 466.
897. Elektron-amber: p. 467.
898. Embryon-a young one, an embryo: p. 468.
899. En, Em, El-in, into: p. 468.
900. Epi-upon, over, forth, around, near, besides, after: p. 469.
901. Eremos-solitary, lonely: p. 470.
902. Ergon-work: p. 470.
903. Eros, erotos-love, desire: p. 471.
904. Ethnos-nation, people: p. 471.
905. Ethos-custom, habit: p. 472.
906. Eu-well: p. 472.
907. Gamos-marriage: p. 473.
908. Gaster, gastros-stomach, belly: p. 474.
909. Ge-earth: p. 475.
910. Geras-old age: p. 476.
911. Glossa-the tongue, language: p. 476.
912. Glykys-sweet: p. 477.
913. Glyphein-to carve: p. 477.
914. Gonia-angle, corner: p. 477.
915. Graphein-to write: pp. 478-79.
916. Gymnos-naked: p. 479.
917. Gyne, gynaikos-woman: p. 480.
918. Gyros-ring, circle: p. 480.
919. Haima, haimatos-blood: p. 481.
920. Hairein-to take: p. 482.
921. Haptein-to bind, fasten, touch: p. 482.
922. Harmonia-harmony, agreement, concord, joining: p. 482.
923. Hedone-pleasure: p. 483.
924. Hedra-base, seat, side: p. 483.
925. Hekaton-one hundred: p. 483.
926. Helios-sun: p. 484.
927. Helix, helicos-spiral object, twist, convolution, whirl: p. 484.
928. Hemera-day; p. 484.
929. Hemisus-half: p. 485.
930. Hen-one: p. 485.
931. Hepar, hepatos-liver: p. 485.
932. Hepta-seven: p. 486.
933. Heros-hero: p. 486.
934. Heteros-other: p. 486.
935. Hex-six: p. 487.
936. Hieros-holy: p. 487.
937. Hippos-horse: p. 487.
938. Histor-learned man: p. 488.
939. Histos-tissue, web: p. 488.
940. Hodos-way, road: p. 489.
941. Holos-whole, entire: p. 489.
942. Homos-same: p. 490.
943. Hora-hour, season, time: p. 490.
944. Horan-to see: p. 490.
945. Horos-boundary: p. 491.
946. Hydor, hydatos-water: p. 491.
947. Hyle-matter, substance, stuff: p. 492.
948. Hyper-over, above, intensive: p. 492.
949. Hypnos-slumber, sleep: p. 493.
950. Hypo-under, below: p. 493.
951. Iatros-healer, physician: p. 494.
952. Ichthys-fish: p. 494.
953. Idea-appearance, form, idea: p. 495.
954. Idios-own, personal, private: p. 495.
955. Iris, iridos-rainbow: p. 496.
956. Isos-equal: p. 496.
957. -itis-disease of, inflammation of: p. 497.
958. Kainos-new, recent: p. 498.
959. Kakos-bad: p. 498.
960. Kallos-beauty: p. 498.
961. Kanna-reed: p. 499.
962. Kanon-rule, straight rod, standard: p. 499.
963. Kardia-heart: p. 500.
964. Kata-down, intensive: p. 500.
965. Kaustos, kautos-burnt, red hot: p. 501.
966. Kephale-head: p. 501.
967. Keras, keratos-horn: p. 502.
968. Kinein-to move, set in motion: p. 503.
969. Kleptein-to steal: p. 503.
970. Klinein-to lean: p. 504.
971. Koinos-common, shared: p. 504.
972. Kolaphos-buffet, cuff, blow: p. 505.
973. Komos-a merry-making, revel: p. 505.
974. Konos-cone: p. 505.
975. Kosmos-universe, order, decoration: p. 506.
976. Kranion-skull: p. 506.
977. Kratos-rule, sway, sovereignty: p. 506.
978. Krites-judge, empire: p. 507.
979. Kryos-cold, frost: p. 507.
980. Kryptein-to hide: p. 508.
981. Kyklos-circle, wheel: p. 509.
982. Kyon, kynos-dog: p. 510.
983. Kyrios-lord, master: p. 510.
984. Kytos-container, vessel: p. 511.
985. Lambanein-to take, seize, hold, accept: p. 512.
986. Lampein-to shine: p. 512.
987. Latreia-worship, servitude: p. 513.
988. Leipein, leipso-to leave: p. 513.
989. Leon-lion: p. 513.
990. Leukos-white: p. 514.
991. Lithos-stone: p. 514.
992. Logos-word, speech, study, reason, thought, calculation, ratio: pp. 515-517.
993. Lyein, lyso, lyto-to loosen, destroy, dissolve: p. 518.
994. Lyra-a lyre: p. 518.
995. Mache-battle, fight: p. 519.
996. Makros-large, long: p. 519.
997. Mania-madness, frenzy, enthusiasm, passion: p. 520.
998. Manthanein, mathesomai-to learn, understand: p. 520.
999. Mantis-seer, prophet, diviner: p. 521.
1000. Mastos-breast: p. 521.
1001. Maza-barley cake, lump, mass: p. 521.
1002. Mechane, Machana-device, machine, instrument, contrivance: 522.
1003. Megas, megale-great, large: p. 522.
1004. Melas, melanos-black, dark: p. 523.
1005. Melos-song: p. 523.
1006. Men-month: p. 523.
1007. Meros-part, division: p. 524.
1008. Mesos-middle: p. 524.
1009. Meta-after, change, beyond, beside, thoroughly: p. 525.
1010. Metallon-ore, mine, metal: p. 525.
1011. Meter, metros-mother, womb: p. 525.
1012. Metron-measure, rule, length: p. 526.
1013. Mikros-small: p. 527.
1014. Mimos-imitator, mime, mimic: p. 527.
1015. Misos-hatred: p. 528.
1016. Mneme-memory: p. 528.
1017. Monos-one, single; p. 529.
1018. Moros-sluggish, dull, stupid, foolish: p. 530.
1019. Morphe-shape, form: p. 530.
1020. Mousa-a Muse, a goddess of fine art, music, song: p. 531.
1021. Mys, myos-muscle, mouse: p. 531.
1022. Mysterion-secret doctrine, secret rite: p. 532.
1023. Mythos-tale, story, legend: p. 532.
1024. Narke-numbness, deadness, torpor: p. 533.
1025. Nausia-seasickness: p. 533.
1026. Nekros-corpse, dead body: p. 534.
1027. Nemein-to distribute, deal out, allot, give what is due: p. 534.
1028. Neos-new: p. 534.
1029. Nesos-island: p. 535.
1030. Neuron-sinew, tendon: p. 535.
1031. Nike-victory, conquest: p. 536.
1032. Nitron-carbonate of soda: p. 536.
1033. Nomos-law, district, custom, usage, portion, pasture: p. 536.
1034. Noos-mind, perception: p. 537.
1035. Nymphe-bride, young wife: p. 537.
1036. Nyx, nyktos-night; p. 537.
1037. Ode-song: p. 538.
1038. Odon, odontos-tooth: p. 539.
1039. Odyne-pain: p. 539.
1040. Oikos-house: p. 540.
1041. Oligos-few, little: p. 540.
1042. Onoma, onyma, onomatos-name: p. 541.
1043. Onyx, onychos-nail, claw, onyx: p. 541.
1044. Oon-egg: p. 542.
1045. Ops-eye: p. 542.
1046. Organon-organ, instrument, tool, product, musical instrument: p. 543.
1047. Ornis, ornithos-bird; p. 543.
1048. Orthos-straight, right, true: p. 544.
1049. Osteon-bone: p. 544.
1050. Oura-tail: p. 545.
1051. Ouranos-heaven: p. 545.
1052. Ouron-urine: p. 546.
1053. Ous, otos-ear: p. 546.
1054. Oxys-sharp, keen, acid: p. 547.
1055. Pachys-thick: p. 548.
1056. Pais, paidos-child: p. 548.
1057. Palaios-old, ancient: p. 548.
1058. Palin-back, again: p. 549.
1059. Pan, pas, pantos-all: p. 549.
1060. Pappas-father: p. 550.
1061. Papyros-paper: p. 550.
1062. Para-beside, alongside, almost, beyond, incorrect, on one side: p. 551.
1063. Pathos-suffering, disease, feeling, passion: p. 552.
1064. Pente-five: p. 553.
1065. Peperi-pepper: p. 553.
1066. Peptein-to digest, cook, ripen: p. 554.
1067. Peri-around, near, about: p. 554.
1068. Petra-rock, boulder: p. 555.
1069. Phagein-to eat: p. 555.
1070. Phainein-to cause to appear, to show: p. 556.
1071. Phanai-to speak: p. 557.
1072. Pharmakon-remedy, drug: p. 557
1073. Pherein-to bear, carry: p. 558.
1074. Philein-to love: p. 559.
1075. Phobos-fear: p. 560.
1076. Phone-voice, sound: p. 560.
1077. Phos, photos-light: p. 561.
1078. Phrazein-to point out, show, explain: p. 562.
1079. Phren-mind, diaphragm: p. 562.
1080. Phyein-to produce, cause to grow, bring forth: p. 563.
1081. Phylax, phylakos-watcher, guard, sentinel; p. 564.
1082. Phyllon-leaf: p. 564.
1083. Phylon-race, tribe, class: p. 564.
1084. Phyton-plant: p. 565.
1085. Piptein-to fall: p. 565.
1086. Planasthai-to wander: p. 566.
1087. Plassein-to mold, form, shape: p. 566.
1088. Platys-flat, broad: p. 567.
1089. Ploutos-wealth: p. 567.
1090. Pneuma, pneumatos-air, breath, spirit, wind; p. 568.
1091. Poiein-to do, make, create: p. 569.
1092. Poine-punishment, fine, penalty: p. 569.
1093. Polis-city: p. 570.
1094. Polos-axis of a sphere, sky: p. 570.
1095. Polys-many: p. 571.
1096. Poros-passage, way: p. 571.
1097. Porphyra-purple dye, purple: p. 572.
1098. Potamos-river: p. 572.
1099. Pous, podos-foot: p. 573.
1100. Prassein-to make, do, achieve: p. 573.
1101. Presbys-old man: p. 574.
1102. Pro-before, in front of, earlier: p. 574.
1103. Pros-near, toward, in front of: p. 575.
1104. Protos-first: p. 575.
1105. Pseudes-false: p. 576.
1106. Psyche-mind, soul, spirit: p. 576.
1107. Pteron-feather, wing: p. 577.
1108. Pyr-fire: p. 577.
1109. Pyxos-box tree: p. 578.
1110. Rhein-to flow: p. 579.
1111. Rhis, rhinos-nose: p. 580.
1112. Rhiza-root: p. 580.
1113. Sakkos-sack: p. 581.
1114. Sarx, sarkos-flesh: p. 581.
1115. Sauros-lizard: p. 582.
1116. Schema, schematos-form, shape, figure, pretense, manner: p. 582.
1117. Schisma, schismatos-division of opinion: p. 583.
1118. Schole-leisure, learned discussion, school: p. 583.
1119. Seismos-earthquake, shock: p. 584.
1120. Sema-sign: p. 584.
1121. Skene-stage, tent: p. 584.
1122. Skia-shadow: p. 585.
1123. Skleros-hard, stiff: p. 585.
1124. Skopein-to see: p. 586.
1125. Soma, somatos-body: p. 586.
1126. Sophos-wise: p. 587.
1127. Sphaira-ball: p. 587.
1128. Spora-seed, a sowing, a scattering: p. 588.
1129. Stellein-to set in order, arrange, send, put, place: p. 588.
1130. Stenos-narrow: p. 589.
1131. Stereos-solid: p. 589.
1132. Sthenos-strength: p. 589.
1133. Stichos-verse, line, row: p. 590.
1134. Stizein-to mark, pierce, tattoo: p. 590.
1135. Stoma, stomatos-mouth: p. 590.
1136. Strephein-to turn, twist, twine: p. 591.
1137. Stylos-pillar: p. 591.
1138. Styppe-tow, oakum: p. 592.
1139. Syn-together, with: p. 592.
1140. Tachys-swift: p. 593.
1141. Tassein-to arrange, put in order: p. 593.
1142. Techne-skill, art, craft: p. 594.
1143. Tele-far, far away: p. 595.
1144. Telos-end, aim, result, completion: p. 595.
1145. Tetra-four: p. 596.
1146. Thanatos-death: p. 596.
1147. Thea-a seeing, looking at, view: p. 597.
1148. Theke-box, chest, receptacle, case, cover: p. 597.
1149. Theos-God: p. 598.
1150. Ther-wild beast: p. 598.
1151. Therapeuein-to treat medically, heal: p. 599.
1152. Thermos-hot: p. 599.
1153. Titanes-the Titans: p. 600.
1154. Tithenai-to put, place, set: p. 600.
1155. Tome-a cutting, hewing, cleaving: p. 601.
1156. Tonos-string, that by which a thing is stretched, pitch, sound: p. 602.
1157. Topos-a place: p. 603.
1158. Tornos-circle, turning-lathe, tool for drawing a circle: p. 604.
1159. Tragos-goat: p. 605.
1160. Trophe-nourishment, food: p. 605.
1161. Tropos-turn, direction, way, manner: p. 606.
1162. Typos-blow, impression: p. 607.
1163. Tyrannos-absolute ruler: p. 607.
1164. Xanthos-yellow: p. 608.
1165. Xenos-stranger, foreigner, guest, host: p. 608.
1166. Xeros-dry: p. 609.
1167. Xylon-wood: p. 609.
1168. Zelos-ardor, eager rivalry, fierceness: p. 610.
1169. Zone-girdle, belt: p. 610.
1170. Zoon-animal: p. 611.
1171. Zygon-yoke, pair: p. 611.
1172. Zyme-leaven: p. 612.


[^0]:    A, alb - away, from, by

[^1]:    ${ }^{1}$ Etymologically 'bitter or sour wine;' when 'wine' ferments too long, it produces acetic acid in a dilute form, which is also known as vinegar. ${ }^{2}$ The word cute originally meant 'acute,' in its sense of shrewd or clever; from there, the meaning moved on to approval of people who were thus shrewd, and later, by extension, became applied to their attractive physical characteristics. ${ }^{3}$ From the Greek cognate akone, 'whetstone.'

[^2]:    ${ }^{1}$ An essay, once a 'weighing out' of something to test its weight (cf. 'assay'), later became a 'trying,' specifically in relation to writing, passing through French via the verb essayer, 'to try.'

[^3]:    ${ }^{1} \mathrm{~A}$ prodigy 'speaks before;' that is, she is ahead of her time. ${ }^{2}$ Via Latin alburnus, 'nearly white.'

[^4]:    ${ }^{1}$ An adolescent is etymologically 'growing up. ${ }^{2}$ An adult is all 'grown up.' ${ }^{3}$ An alma mater, Latin for 'nourishing mother,' is the school that has 'fed' one many things, thereby aiding educational, social, physical, and character 'growth.' ${ }^{4}$ If one destroys something, it can no longer 'grow.'

[^5]:    ${ }^{1}$ The original ambulances were stretchers carried by men who 'walked' around the battlefield looking for the wounded so that they could carry them quickly back to the hospital tent. ${ }^{2}$ Etymogically 'not a friend;' cf. 'inimical.'

[^6]:    ${ }^{1}$ Latin for 'she (who) is to be loved.' ${ }^{2}$ An amateur is one who 'finds pleasure' in a particular pursuit but is not an expert in it.

[^7]:    ${ }^{1}$ There are two primary suggestions for the etymology of April, which comes from the Latin adjective Aprilis, 'second month of the year;' some have suggested that Aprilis itself derives from the Greek goddess of love, Aphrodite, while others suggest that it comes from aperire, since April was one of the 'opening' months of the year. n.b. The original Roman calendar year began in March, with the advent of spring. ${ }^{2}$ Via Old French artillier, 'to equip;' the etymological idea behind artillery is of equipment that is 'fit' or 'suitable' for the militia.

[^8]:    ${ }^{1}$ To coerce is forcibly to 'enclose' someone within the 'confines' of what another 'compels' them to do.

[^9]:    ${ }^{1}$ Inert etymologically means 'not skilled,' a meaning which later developed into being 'inactive' or 'nonreactive.' Note, in this case, the negative meaning of the prefix in-; see In tree, p. 173.

[^10]:    ${ }^{1}$ See note 5, p. 253. ${ }^{2}$ The connection of atrium with black goes back to the earliest of Roman dwellings, where the first (and sometimes only) room in the house had a hole for smoke to escape, which turned the hole black. Later Roman atria retained a hole in the ceiling, but it had developed into a compluvium, which let rain water fall into the impluvium, or pool, below; it also allowed light to flood the dwelling, as windows were scarce.

[^11]:    ${ }^{1}$ Once a restraining 'rod,' or bar, is taken 'away,' a debacle, or 'disaster' follows. ${ }^{2}$ Via Latin imbecillus, 'feeble, deficient, intellectually lacking;' an imbecile etymologically does 'not' possess a supportive 'walking-stick,' making him weak, and by extension 'mentally weak.'

[^12]:    ${ }^{1} \mathrm{~A}$ rebate etymologically 'beats back' the original price to a lower price.

[^13]:    ${ }^{1}$ The word bevy may have derived from a 'drinking party' from which 'group' naturally followed; note again the

[^14]:    ${ }^{1}$ See note 1, p. 187. ${ }^{2} \mathrm{~A}$ biscuit is etymologically 'twice-cooked.' ${ }^{3} \mathrm{~A}$ biannual event occurs 'twice a year' whereas a 'biennial' event occurs once every 'two years;' a good way to remember this is that 'a' comes before 'e' in the alphabet, much as a biannual event would precede a 'biennial' one.

[^15]:    ${ }^{1} \mathrm{~A}$ recalcritrant person etymologically 'tracks back,' intransigently digging in his 'heels.'

[^16]:    ${ }^{1}$ Both chafe and chauffeur came through the Latin verb calefacere, 'to make warm;' chafed hands are 'warmed' by rubbing, whereas a chauffeur originally 'stoked' early automobiles, steamships, and trains, and eventually came to drive the automobiles. ${ }^{2}$ A calorie is the energy required to 'heat' one gram of water one degree Celsius. ${ }^{3} \mathrm{~A}$ nonchalant person is 'not heated' by thorny situations, but rather remains 'cool' and 'unruffled.'

[^17]:    ${ }^{1}$ Roman taxi drivers would calculate fares by placing 'pebbles' in a counting box each time a designated distance was crossed; once the destination was reached, the 'pebbles' were counted to determine the fare. ${ }^{2}$ This primary tool of photographers was so named because of the small 'chamber' or box in which the film resided, and where external images were formed. ${ }^{3}$ Probably short for someone with whom one shares a 'chamber.'

[^18]:    ${ }^{1}$ One who scampers etymologically runs 'out of a field;' the 'scamp' was supposed to be in that 'field.'

[^19]:    ${ }^{1}$ A Roman candidate for political office wore a toga of 'brilliant whiteness.' ${ }^{2}$ Via Latin canarius, 'of dogs;' a canary is a bird native to the Canary Islands, which were well-known by the Romans because of a singular breed of 'dog' that lived there. ${ }^{3}$ Via Italian canaglia, 'pack of dogs.'

[^20]:    ${ }^{1}$ To charm another is to cast a kind of 'spell' or 'enchantment' over them; many spells were 'chanted' or 'sung.' ${ }^{2}$ An accent, as it were, is a kind of 'song,' or modulation of tone, that is added 'to' speech giving it a particular pronunciation.

[^21]:    ${ }^{1}$ Short for 'cabriolet,' which was a type of small, horse-drawn carriage that bounded about unpredictably on its springs like the equally unpredictable 'goat' leaps about. Note that Grimm's law states that the consonant ' p ' can shift to ' b .' ${ }^{2}$ One explanation for the origin of this word is that someone who acts capriciously is as unpredictable as the direction in which a 'goat' may leap; for another possibility, also see note 5, p. 49.

[^22]:    ${ }^{1}$ Short for 'recapitulate.' ${ }^{2}$ A cattle farmer's principal or 'head' property is cattle, which is a variant of 'chattel,' 'property.' Cattle farmers talk about the number of cattle they own in terms of 'head' of cattle, such as ' 1200 head.' ${ }^{3}$ The biceps has 'two heads,' or points where it attaches to bone, the 'triceps' has three, and the 'quadriceps,' four. ${ }^{4}$ One who creates mischief is the 'source of bad' behavior. ${ }^{5} \mathrm{~A}$ capricious person can unpredictably nod her 'head' either way; see also note 2 , p. $46 .{ }^{6}$ The word cad comes from 'cadet;' since a 'cadet' is a young person at the 'head' or 'origin' of his training, he is bound to make mistakes-a cad, too, makes mistakes, but they tend to be of an unprincipled and intentional nature.

[^23]:    ${ }^{1} \mathrm{~A}$ time of merrymaking and feasting, the most famous of which is Mardi Gras (Fat Tuesday) in New Orleans, before having to 'leave off meat;' during Lent, a Catholic custom whereby an adherent 'gives up' a certain pleasure or questionable habit for 40 days, a Catholic does not eat 'meat' on Fridays, but instead often eats fish. ${ }^{2}$ The carnation is often red or pink, the color of 'flesh' or red 'meat.' ${ }^{3}$ The idea here is that a 'withered old woman's' body is just one step away from 'carrion.'

[^24]:    ${ }^{1}$ Carpet perhaps was originally made from a kind of 'plucked' fabric gathered from unraveled cloth. ${ }^{2} \mathrm{~A}$ fruit is 'picked' or 'plucked' from a tree. ${ }^{3}$ As one loads a 'wagon' to carry something, so too can one be 'loaded' or charged with a task, or 'load' one's credit card by charging. ${ }^{4}$ In a caricature, an artist 'loads' or 'exaggerates' facial features so that they become comic or ludicrous.

[^25]:    ${ }^{1}$ Social classes in a caste system are rigid, not allowing for change or movement from one class to another: they retain their 'purity' at all times. ${ }^{2}$ One's shortcomings or faults are purportedly 'purified' as one undergoes 'correction,' usually in the form of punishment.

[^26]:    ${ }^{1} \mathrm{~A}$ coward turns 'tail' and runs. ${ }^{2}$ If one 'rejects' something, one etymologically 'hurries' or rushes away from it; although the spelling of rush is hard to justify etymologically and linguistically, the word is nevertheless onomatopoetic, sounding like someone in a 'hurry.' 3Just as one 'avoids' or 'dodges' something one 'rejects,' so too does one 'dodge' a tricked victim by means of a ruse.

[^27]:    ${ }^{1}$ Latin for 'let him beware.' ${ }^{2}$ Via Latin gaviola, 'little dungeon.' ${ }^{3}$ When one cajoles another into doing something, one tries to gently entice him into a metaphorical 'cage' of one's own wishes. ${ }^{4} \mathrm{To}$ lead someone 'away' from her protective 'hive' and into a 'cage;' hunters often place avian decoys on bodies of water to entice birds, especially ducks, to the spot where the decoy is floating.

[^28]:    ${ }^{1}$ Via Spanish colorado, 'colored;' early explorers of that territory were impressed by all of its beautiful 'hues,' most notably red. ${ }^{2}$ To raise one's 'eyebrow' at another is a sign of 'haughtiness,' which is also another meaning of supercilium; note that the 'eyebrow' acts as a protectant, or 'covering,' for the eye.

[^29]:    ${ }^{2}$ 'Fleeing the center.'

[^30]:    ${ }^{1} \mathrm{~A}$ concern is etymologically something 'sifted' out from one's life that causes worry. ${ }^{2}$ A secret is something that is 'sifted apart' or 'separated' from other things and kept hidden. ${ }^{3} \mathrm{~A}$ secretary used to be a kind of confidant, sharing 'secret' concerns with another; later the meaning evolved into 'someone who helps with office duties.' "In a musical concert, the musicians are etymologically 'striving together' as they cooperate to produce beautiful music.

[^31]:    ${ }^{1}$ Cartoons were originally simply drawings on 'paper,' usually precursors to paintings. ${ }^{2} \mathrm{~A}$ carton is made of heavy 'paper.' ${ }^{3}$ The word cartridge is a variant of 'cartouche,' one meaning of which is a heavy 'paper' container.

[^32]:    ${ }^{1}$ Alchemy set the stage for modern chemistry; its primary goal was to find the philosopher's stone which could reputedly transmute any substance into gold. ${ }^{2}$ Although the word cipher originally referred only to the number 'zero,' it later evolved to any numeral.

[^33]:    ${ }^{1}$ After Professor Peabody's brilliant Blakean conclusion that the visible Universe was indeed only a smidgen of reality, he once and for all 'thoroughly shut' the door on all other interpretations of objectivism.

[^34]:    ${ }^{1}$ A clef in music is the 'key' which locates a particular note on a staff, giving the musician a reference spot for determining where all subsequent notes lie; for instance, in piano, the bass clef locates the F below middle C (the bass clef sign is derived from the letter F). The treble clef or G clef, on the other hand, is the key which locates the G above middle C ; that sign came from the letter G. n.b. Grimm's law dictates that the ' v ' sound can transmute or shift to 'f.' ${ }^{2}$ One locks or 'encloses' a door with a 'key,' unlocking the meaning to conclave and enclave. ${ }^{3}$ Sometimes in Latin Latin a ' $c$ ' replaced the 't' of Classical Latin; this consonant shift was subsequently transferred to English words that were derived from Classical Latin. ${ }^{4}$ When one has a proclivity for dark chocolate, one naturally 'slopes forth' towards it, moving 'forward' as easily as one might descend a 'hill.' ${ }^{5}$ Cognate with klinein, 'to lean;' see p. 504.

[^35]:    ${ }^{1}$ From an etymological point of view, a country is a land 'opposite' another, in contradistinction to the land it is up 'against.'

[^36]:    ${ }^{1} \mathrm{~A}$ precocious child is one whose skills and intellect 'ripen' considerably before others; she is 'precooked.'

[^37]:    ${ }^{1}$ One records information so that it is easy to recall 'again' by 'heart.' ${ }^{2}$ If two people are in accord with one another, their 'hearts' agree; in music, harmonious notes are 'agreeable' to the ear, hence the genesis of accordion (de gustibus non est disputandum). ${ }^{3}$ The notion is of a 'leather' whip stinging bare flesh. ${ }^{4}$ To excoriate is etymologically to 'strip off the skin,' metaphorically evolving into 'stinging words that sharply denounce.'

[^38]:    ${ }^{1}$ Just as a 'gratuity' is additional emolument naturally and freely given for excellent service on top of the required service fee, so too does a corollary naturally flow or derive from an extant proof.

[^39]:    ${ }^{1}$ Just as a 'rib' is curved, having a fairly pronounced slope, so too can one coast down a slope since it is curved. ${ }^{2}$ The irate girl accosted her boyfriend by coming right 'to his side' and letting him have a sizzling piece of her mind. ${ }^{3}$ The letters ' $c$ ' and ' $g$ ' are highly interchangeable via Grimm's law. ${ }^{4} \mathrm{~A}$ possible derivation. A crucibulum was a vessel in which 'oil' was burned for a night lamp.

[^40]:    ${ }^{1}$ If something is incredible, it is almost 'not believable.' ${ }^{2}$ One etymologically has little 'trust' or 'poor belief' in a miscreant. ${ }^{3}$ The disloyal soldier was labeled a recreant, having given 'back his belief' in the cause after viewing firsthand the horrors of war. ${ }^{4}$ Recreation is all about play, and 'creativity' is the underpinning of play. ${ }^{5}$ The connection between sincerus and creare goes back to the Indo-European root ker-, 'to grow;' just as 'producing' something is a form of 'growing,' so too does something 'pure' 'grow' from the same stock.

[^41]:    ${ }^{1}$ If one is craven, one's courage has 'cracked.' ${ }^{2}$ A crew etymologically 'arises' or 'appears' to complete a given task, having been 'recruited' for pay. ${ }^{3} \mathrm{~A}$ croissant is in the shape of a crescent, or 'growing' (waxing) moon. ${ }^{4}$ Note that crescere also comes from the Indo-European root ker-, 'to grow;' see note 5, p. 81. ${ }^{5}$ When one crouches, one bends like a 'hook.' ${ }^{6}$ The game of the 'hooked' stick. ${ }^{7}$ One seizes things with a 'hook.' ${ }^{8} \mathrm{~A}$ crotchety old man is unpredictable or eccentric, bent, like a 'hook,' from behavioral norms.

[^42]:    ${ }^{1}$ Etymologically the 'all-flesh' organ. ${ }^{2} \mathrm{~A}$ custard was originally a pie with a 'crust' on the bottom and sides only. ${ }^{3}$ Ice is a type of 'shell' or 'crust' that covers things when it freezes.

[^43]:    ${ }^{1}$ To cruise about town is etymologically to 'cross' town. ${ }^{2}$ The Crusades, undertaken by European Catholics (the primary symbol of which was the 'cross,' or 'holy rood'), were a series of warlike attempts to "regain" the Holy Land from the Muslims; many 'crusading' knights, to show their faith, wore 'crosses' sewn into tabards which covered their armor. ${ }^{3}$ Etymologically, the crux of a situation is the point where the two pieces of the 'cross' meet, its critical or 'crucial' point. ${ }^{4 V i a}$ Latin excruciare, 'to torment;' excruciating pain is similar to the mental and physical agony one would undergo via the 'torment' of the 'cross,' or 'crucifixion.'

[^44]:    ${ }^{1}$ When a hen incubates her chicks, she 'lies down on' them. ${ }^{2} \mathrm{~A}$ covey is etymologically that 'group of birds' or brood upon which a hen has long been 'lying;' later the meaning was extended to other small groups, such as people. ${ }^{3}$ The incumbent in a political office is the one 'resting on' her currently held position. ${ }^{4}$ Of a duty or obligation that 'rests upon' one's shoulders.

[^45]:    ${ }^{1}$ Cursive handwriting 'runs' together, or is 'connected.' ${ }^{2}$ The cursor is the little arrow on one's computer monitor that 'runs' all over the screen. ${ }^{3} \mathrm{~A}$ school's curriculum, or 'course' of study, is that series of subjects that 'run' or 'continue' throughout the years of a child's education. ${ }^{4}$ Discourse with another person is etymologically a 'running to and fro' with them. ${ }^{5}$ The idea here is 'running' to the aid of someone. ${ }^{6} \mathrm{Cloudy}$; the notion could be of common maintenance or 'run' of things throughout the day, hence 'not refined.'

[^46]:    ${ }^{1}$ In the original Roman calendar, December was the 'tenth' month. ${ }^{2}$ From the Latin duodecim, 'twelve;' 'twelve' is 'ten' plus two. ${ }^{3}$ A decuria was a parcel or lot of 'ten' things being traded, usually skins or hides; the merchant and buyer would dicker over their worth.

[^47]:    ${ }^{1}$ Julius Caesar constructed the 'Julian' calendar, the same calendar we use today; he named the seventh month after himself. ${ }^{2}$ It was said that Jupiter (aka 'Jove'), the king of the Roman gods, bestowed the gift of happiness upon those born under the sign of the largest planet, naturally named Jupiter.

[^48]:    ${ }^{1}$ Someone considered to have great manual dexterity or 'skill' is etymologically considered to have the admirable qualities of 'right-handedness;' left-handed people have, throughout history, been discriminated against, simply because they are a minority (consider the Latin word for 'left,' sinister). ${ }^{2}$ Someone ambidextrous uses both her hands as if they were 'right' hands; again, highly prejudiced against left-handed people. If more people were left-handed than right, we would probably have the word 'ambisinistrous' in our dictionaries instead of ambidextrous.

[^49]:    ${ }^{1}$ A condition originally meant a 'talking together;' from this evolved the various meanings we use today, including 'agreement' (air 'conditioning' makes the indoor climate 'agreeable') and 'provision,' which is a condition understood in an 'agreement.' ${ }^{2}$ From the Latin dictionarius, 'of words;' dictionaries help with the pronunciation, or correct 'saying,' of words. ${ }^{3}$ Via Latin praedicare, 'to proclaim.' ${ }^{4}$ See note 5, p. 399. ${ }^{5}$ The impetuous Tommy 'spoke before' thinking, landing him in quite the predicament with his mother. ${ }^{6}$ From the Latin benedictio, 'blessing;' 'malison' is from maledictio, 'curse;' both detoured through Old French before making it into English vocabulary, hence the spelling changes.

[^50]:    ${ }^{1}$ See also Index tree, p. 174. ${ }^{2}$ See also Iudex tree, p. 179. ${ }^{3}$ See also Vindex tree, p. 417. ${ }^{4}$ Latin for ante meridiem, 'before noon.' ${ }^{5}$ Latin for post meridiem, 'after noon.' ${ }^{6}$ Perhaps from the medieval Latin dialis, 'daily;' its application was to a 'sundial,' which measures the length of a 24 -hour period (dials on 'rotary' phones used to be circular!). ${ }^{7}$ From the Latin dies mali, 'evil (or unlucky) days.' ${ }^{8}$ From the Latin adverb cotidie, 'everyday.'

[^51]:    ${ }^{1}$ Young students often use their 'fingers' when learning to count. The Roman numeral system was based on digiti, or 'fingers,' each vertical line being representative of someone holding up a 'finger,' e.g.: a 1 was 'I,' 2 was 'II,' 3 was 'III.' A 'V,' which symbolized 5 , was formed by extending the thumb away from the other four connected fingers; a ' X ' (10) was simply a ' V ' on top of an inverted V ,' hence using all ' 10 ' fingers. ${ }^{2} \mathrm{~A}$ dainty delicacy is 'worthy' of one's pleasure, its prettiness pleasing.

[^52]:    ${ }^{1}$ A date 'gives' one information 'placing' a particular day on the calendar, whereas data are pieces of information 'having been given.' ${ }^{2}$ In the ancient world, dice were used to 'decree' the future, revealing that which 'has been given' by fate. ${ }^{3}$ Par is a variant of the Latin per, here used intensively; hence, to pardon is to 'thoroughly give' someone the 'gift' of forgiveness. ${ }^{4}$ Via Greek doron, 'gift;' Pandora's name means 'all gifts.' ${ }^{5}$ Latin for a 'thing to be added;' addenda is the plural form, 'things to be added.' ${ }^{6}$ Etymologically 'something given not to be published.' ${ }^{7}$ Please see top of next page for additional roots.

[^53]:    ${ }^{1}$ As I offered the family my condolences, I 'grieved with' them. ${ }^{2}$ Hinkle was the most indolent student I ever

[^54]:    ${ }^{1}$ Danger can be thought of as being under something that holds 'sway' or 'power' over one in a disagreeable way, like an evil 'master' over his servant. ${ }^{2}$ The etymological idea behind condominium is of many 'masters together' in one building, since each living space is owned by a different person.

[^55]:    ${ }^{1}$ The word diamond came from adamant, which originally referred to a substance so hard it could 'not be tamed,' that is, worked with or fashioned in any way.

[^56]:    ${ }^{1}$ One only undertakes drastic measures when something must 'be done' about a problem.

[^57]:    ${ }^{1}$ Etymologically a product is anything 'led forth,' i.e., an item 'created' or 'manufactured.' ${ }^{2}$ The Latin word ducatus described not only a 'duchy,' but also a 'gold coin' probably owned by the 'duchy.'

[^58]:    ${ }^{1}$ Latin abbreviation for exempli gratia, 'for the sake of example,' or more simply 'for example.' ${ }^{2}$ Via Latin vindemia, 'the taking off of grapes;' also see the Vinum tree, p. 418, by which vintage was influenced.

[^59]:    ${ }^{1}$ One can think of something of little substance as 'foolish' or 'silly;' it will thus fade away in time.

[^60]:    ${ }^{1}$ Etymologically, the 'wild' or 'cruel eye.' ${ }^{2}$ As adoring ancient worshipers once flocked to their favorite 'temple,' so too does the enthusiastic or even 'fanatic' modern-day fan support or adore a team in a modern-day 'temple,' the stadium, or moviegoers worship their favorite moviestars, larger than life, in their 'temple,' the theater. ${ }^{3}$ A profanity is that language which should only be used 'forth from the temple' as it is considered etymologically 'unholy.'

[^61]:    ${ }^{1}$ To affiliate oneself with the National Arbor Day Foundation, one etymologically and metaphorically becomes a 'daughter' or 'son' to that organization. ${ }^{2}$ When a group forms into a file, or 'line,' it becomes long and thin like a 'thread.' ${ }^{3}$ Documents in a file cabinet used to be hung by a 'thread.' ${ }^{4}$ This is not the defile of 'befoul,' but of 'a narrow pass' or 'a marching in a line.' ${ }^{5}$ A profile is etymologically that thin tracing or 'outline' of the side view of anything, especially the head.

[^62]:    ${ }^{1}$ To faint once meant to lazily avoid one's duty by 'pretending' to be ill; later the meaning evolved into an actual physical weakness which causes dizziness or lack of courage, as in a 'faint-hearted' viewer of blood.

[^63]:    ${ }^{1} \mathrm{~A}$ fine is imposed upon the 'completion' of a ticket, or a 'completed' conviction in a court of law. ${ }^{2} \mathrm{~A}$ fine test grade is nicely 'finished,' or given a grand 'end,' just as a well-sharpened pencil has a fine or 'finished' point: both the pencil and the test have a fine quality about them. ${ }^{3}$ To show an affinity for someone or something, one etymologically shares similar 'boundaries' or 'preferences' with them. ${ }^{4}$ The infinite has 'no end.' ${ }^{5}$ Financial responsibility not only depends upon how well one 'counts' one's money, but also 'counts' out timely payments of debt. ${ }^{6}$ A finicky person's 'boundaries' are a little too 'fine,' as they are difficult to please. ${ }^{7}$ The infinitive form of the verb is 'unbounded' by a subject, taking the form of 'to do' something.

[^64]:    ${ }^{1}$ The Latin phlegma particularly referred to the bodily fluid that, in the medieval medical theory of the humors, produced lethargy or sluggishness; the Greeks believed that a bodily humor could be produced by inflammation, hence its connection with 'burning.'

[^65]:    ${ }^{1}$ Someone physically or mentally feeble can be considered etymologically to be in a 'lamentable' or 'pathetic' position. ${ }^{2} \mathrm{~A}$ profligate has been etymologically 'struck down' to dissipation. ${ }^{3} \mathrm{~A}$ somewhat confusing origin; perhaps one could think of a flavor as a tasty 'exhalation' from a food. ${ }^{4}$ Another difficult origin; as one shows 'contempt' or 'mockery' for someone or something, one is 'blowing' out a good deal of insulting air.

[^66]:    ${ }^{1}$ Flour is the 'best part,' or 'flower' of ground grain, such as oats, wheat, rye, etc. ${ }^{2}$ Short for the Latin floruit, 'he, she, or it flourished,' i.e. 'lived' during a certain period of history.

[^67]:    ${ }^{1}$ When one informs another, one 'describes' something, thereby giving it 'shape.' ${ }^{2}$ When Tolbert conformed with the masses, he was 'thoroughly shaped' by their thought processes. ${ }^{3} \mathrm{~A}$ formula in mathematics is an equation which gives 'shape' to a rule or fact.

[^68]:    ${ }^{1}$ An hors d'oeuvre is served 'outside' the main course. ${ }^{2}$ This word is completely dependent upon one's frame of reference; e.g., there is truly no such thing as a purely foreign language because every language is native to someone. ${ }^{3}$ To forfeit a match is to have its outcome 'made outside' the playing ground. ${ }^{4}$ Purportedly wayward Greeks were ostracized by their fellow men by the casting of votes on broken potsherds (see note 1, p. 544); it is possible that the Latin word suffragium, 'a cast vote,' whose origin is frangere, refers to 'broken' tiles once used for casting ballots as well. ${ }^{5}$ Sometimes the letter ' $n$ ' can drop from a word.

[^69]:    ${ }^{1}$ To confuse is to 'pour together' too much perplexing information. ${ }^{2}$ An effusion of enthusiasm is a 'pouring out' of excitement. ${ }^{3}$ If a history student becomes confounded by multitudinous dates, too many have been mixed or 'poured together' at one time. ${ }^{4}$ The sun's fusion, or 'melting together' of 2 hydrogen atoms to form 1 helium atom, is what powers the star. ${ }^{5}$ Water 'pours out' of a leaky vessel.

[^70]:    ${ }^{1}$ The letter ' $g$ ' commonly changed to ' j ' on the linguistic journey from Latin to English. ${ }^{2}$ Of uncertain origin. Jewels do cause much 'rejoicing.' ${ }^{3}$ The semantic progression was from 'rejoice' to 'enjoyment' to 'merriment' to 'playing tricks' to 'flashiness' that 'tricks' the eye-a rather gaudy etymology. ${ }^{4}$ Jelly begins as a liquid, but then 'sets,' forming a semisolid, just as water, when it 'freezes,' turns to a solid. ${ }^{5}$ If a substance congeals, it etymologically 'freezes together.'

[^71]:    ${ }^{1}$ Originally, if a boy was of gentle birth, he came from a good and wealthy 'family;' since he was therefore gentle, or a 'gentleman,' he treated others courteously, a meaning which later evolved into being 'tender,' which is a courteous way to treat others. ${ }^{2}$ Someone from a good 'family,' i.e., one of 'noble' birth, often acted with a 'confident air' due to their high social status.

[^72]:    ${ }^{1}$ If someone suggests something, they etymologically 'bring it out from below' for consideration, or 'carry it to the foot of' possibility. ${ }^{2}$ If one is suffering from indigestion, food is 'not being carried through' one's digestive system as it normally should be. ${ }^{3}$ Just as the body digests food by a process of 'carrying it through' the alimentary canal, so too can the mind digest information by 'processing' it. ${ }^{4} \mathrm{~A}$ gesture is a characteristic expressive 'performance,' 'carried out' by moving the hands or limbs. ${ }^{5} \mathrm{~A}$ jest is a comedic 'performance.' ${ }^{\text {If }}$ one exaggerates, one is metaphorically moving 'outside the pile' of reality. ${ }^{\text {TS }}$ Since the gestation period of a sheep is five months, the ewe 'carries' the lamb for that long before it is born.

[^73]:    ${ }^{1}$ A grad or graduate of a school has taken the next 'step' up the educational ladder, or has 'moved' on to bigger and better things. ${ }^{2}$ A grade school consists of several 'steps,' or 'grades,' in which students must receive passing grades to successfully 'step' forth towards 'graduation.' ${ }^{3}$ To progress is to 'step forth.' ${ }^{4} \mathrm{An}$ ingredient is a food item that a cook 'moves into' a recipe. ${ }^{5}$ Moving gradually is taking things 'step' by 'step.' ${ }^{6}$ Congress is etymologically a 'moving together' of people, in this case elected officials. ${ }^{7}$ If one is aggressive, one 'steps towards' someone or something vigorously or with hostility. ${ }^{8} \mathrm{~A}$ transgression is a 'stepping across' of a line that should not be crossed.

[^74]:    ${ }^{1}$ Hubert congratulated Esmeralda upon winning the top fantastic fez prize, not only 'thoroughly welcoming' her success, but also, in turn, being 'thoroughly pleased' by it. ${ }^{2}$ If dark chocolate is agreeable, it is 'pleasing' or 'welcome' to one's tastebuds. ${ }^{3}$ Graceful dance movements are 'pleasing' to the eye.

[^75]:    ${ }^{1}$ Grief bears one down, making one's heart 'heavy.' Note the consonant shift from the ' $v$ ' of gravis to the ' $f$ ' of grief. ${ }^{2}$ Gravitational force makes objects 'heavy.' ${ }^{3} \mathrm{~A}$ gregarious person is highly social; he likes to 'flock' with others, or 'congregate' with them. ${ }^{4}$ Egregious behavior is far beyond social norms, etymologically 'outside the flock,' or grossly wayward.

[^76]:    ${ }^{1}$ A grocer buys things in 'grosses,' or in large quantities; a 'gross' (from the French grosse douzaine, 'big dozen') of pickles is 144 pickles. Groceries themselves can be 'bulky' items. Note the consonant shift from the ' $s$ ' of grossus to the 'c' of 'grocery.' ${ }^{2}$ One way to think of the adjective gross is of doing things in a 'large' way; synonyms include 'total,' 'utter,' 'flagrantly obvious,' and 'crudely offensive.' ${ }^{3}$ Cymoril was engrossed by Botticelli's Primvera; it affected her aesthetic tastes in a 'large' way, completely enrapturing her. ${ }^{4}$ Since Georgie is gullible, he believes or 'swallows' anything people tell him; he is constantly 'gulled.' ${ }^{5}$ Something disgusting either has or is in very 'bad taste.'

[^77]:    ${ }^{1}$ Since Fred is able to fix a computer, he is etymologically 'handy' at doing so. ${ }^{2}$ Kathleen 'has' a habit of talking on her cell phone; it is a behavioral condition that she 'has.' ${ }^{3}$ When Carlita exhibited her pet King Cobra, she 'held it out' for all to see and scream. ${ }^{4}$ Provender derives from prohibere, being 'food,' such as hay, which is 'held apart' for the winter months when pastures are at rest. ${ }^{5}$ Also see suffixes in Appendix II for -able, -ible, and -uble.

[^78]:    ${ }^{1}$ When Otto was offered a free hang gliding lesson, he hesitated because of his fear of heights, 'stuck' in indecision because the offer came from a girl he loved. ${ }^{2}$ Emily wrote a coherent essay since all parts of it 'stuck together' in an orderly and logical fashion, with no extraneous information to waylay her readers. ${ }^{3}$ Big Bubba's explanation of quantum decoherence was so incoherent that no one could understand what he said: it did 'not stick together.'

[^79]:    ${ }^{1}$ Ordure is dung, filth, or something ethically offensive; we 'shudder' at these things. ${ }^{2}$ When Suzy saw the apparition she screamed in 'horror' and 'bristled:' all the hair stood up on her head. ${ }^{3}$ Patients are etymologically 'guests' at hospitals, which simply used to be places, like 'hotels,' that received 'guests.' ${ }^{4} \mathrm{~A}$ debated origin, but one can fruitfully think of a hostage as the 'guest' of his abductor, albeit held for purposes of security and not pleasantry; another possibility is that hostage came from Latin obses, 'surety, pledge;' hostages are often held for a 'pledge' or 'ransom' of money.

[^80]:    ${ }^{1}$ Medieval medicine taught that the body possessed four fluids or humors: black bile, yellow bile (choler), blood, and phlegm; the relative concentrations of these four humors, different for each person, determined mood, health, and general disposition. In time, the word humor became related simply to one's mood (as in a person being in a 'good' or 'bad' humor), and eventually evolved into the more specific meaning of 'funniness.'

[^81]:    ${ }^{1}$ Tamara's science project, a perpetual motion machine, was a most clever structure that she etymologically 'threw forth,' or built for all to behold and marvel at. ${ }^{2} \mathrm{~A}$ disease etymologically causes a reversal of 'ease' for the body, causing it much hardship. ${ }^{3}$ The word adjective simply means a word 'thrown near' another word, most commonly a descriptive word near a noun, cf. 'adverb.' ${ }^{4}$ When a promontory projects or 'juts' out above the sea, it is etymologically 'thrown forth' over it. ${ }^{5}$ An injection is a 'throwing in' of medicine. ${ }^{6}$ Marjorie felt dejected, her spirits 'cast down,' after she lost her two-headed lizard. ${ }^{7} \mathrm{~A}$ conjecture is a guess 'thrown together' as only a possibility after incomplete research. ${ }^{8}$ To have the gist of an idea is etymologically to 'be situated' near it. ${ }^{9}$ Via Latin iaculum, 'spear;' to ejaculate utter amazement is to cast it 'out' like a 'spear.'

[^82]:    ${ }^{1} \mathrm{~A}$ trench is a 'long, narrow ditch' that has been 'cut' from the ground. ${ }^{2}$ The trunk of a tree is what remains after all the branches have been 'removed by chopping.' ${ }^{3}$ Intuition enables one to 'catch sight of' something by not using any of the five senses; it can also be the mind's way of 'keeping one safe' by a form of preknowledge, or precognition. ${ }^{4} \mathrm{~A}$ tutor was originally employed to 'protect' someone.

[^83]:    ${ }^{1}$ If one is 'thoroughly swollen' with oneself, one can act 'arrogantly' or 'insolently.' ${ }^{2}$ The queen's contumacious subject, 'swollen with' self-importance, unwisely rebelled against her. ${ }^{3}$ All three meanings have at their root a 'swelling' of negative emotion. ${ }^{4}$ 'Swollen' earth. ${ }^{5} \mathrm{Via}$ Latin tudicula, 'machine for crushing olives.'

[^84]:    ${ }^{1}$ Ulterior, 'farther away,' is the comparative degree of ultra. ${ }^{2}$ The buffoon's outré conduct was so 'beyond' normal expectations that it arguably bordered upon the 'bizarre.'

[^85]:    ${ }^{1}$ To take umbrage is to take 'offense' at the 'shady' dealings of another. ${ }^{2}$ The etymological idea is of 'waves' washing 'above' one. 'If one abounds in riches, they etymologically 'wash away' because they are 'overflowing,' or abundant. "The unctuous proselytizer's saccharine smile was so lubricious that it appeared to be 'smeared with oil.' ${ }^{5}$ A combination of Old French poroindre, 'to smear with oil before,' and 'to prune.'

[^86]:    ${ }^{1}$ After Hankster, who grew up on a sheep farm in rural Podunkin, studied at the university in the 'city,' he returned so urbane and 'sophisticated' that most of the bumpkins with whom he previously associated barely knew this new 'Henri' because of his polished speech, refined manners, and elegant deportment.

[^87]:    ${ }^{1}$ To 'seize the use' of. ${ }^{2}$ When one 'thoroughly uses' a book, one 'reads it with care.'

[^88]:    ${ }^{1}$ An available item 'is strong for' use, that is, 'at hand.' ${ }^{2}$ An invalid is etymologically 'not well' or 'not strong;' an invalid driver's license is 'of no value.' ${ }^{3}$ An invaluable assisant is 'not able to be valued,' that is, is of such 'worth' that it cannot be 'ascertained.' "Kirk's ambivalence towards the candidates was accentuated by the fact that he did not vote for either one, as he considered 'both' of 'equal' value. ${ }^{5}$ The Romans bade farewell by saying vale, 'be well, be strong;' a valedictorian, typically the member of the graduating class with the highest academic average, 'says the farewell' address during graduation ceremonies.

[^89]:    ${ }^{1}$ Manhattan was originally colonized by the Dutch; Peter Stuyvesant, hired as the last Dutch governor to rejuvenate an effete New World venture, fortified the territory with a 'wall' to thwart (ineffectually) the encroaching British; the 'wall' was located where Wall Street is now. ${ }^{2}$ Dr. Higginbotham's vaunted concoction purportedly gave everlasting life; his rodomontade, like his elixir, proved 'illusory.' ${ }^{3}$ The teacher's vapid lecture was rife with a plethora of platitudes, bromides, and clichés that left it 'flat.'

[^90]:    ${ }^{1}$ The prefix con- gives an intensive force to convulse; when a victim convulses, it is as if a tormentor is repeatedly and forcefully 'plucking' at his body, making it 'violently pitch and buck.' ${ }^{2}$ As one stretches pliable material by 'pulling' or 'tugging at' it, one makes it 'slender' or 'slim;' n.b. suelte usually refers to the shape of a body.

[^91]:    ${ }^{1}$ If Albert is very sorry, he is 'truly' sorry. ${ }^{2}$ To speak 'to the truth.' ${ }^{3}$ During an investigation, a detective 'tracks something down,' looking for telltale 'footprints' that give clues. 'To invest money is etymologically to 'dress' it up by putting it into different financial instruments, such as stocks. ${ }^{5} \mathrm{~A}$ travesty is etymologically a 'dressing across,' that is, an 'exaggerated or grotesque dressing,' or 'parody,' of a given subject.

[^92]:    ${ }^{1}$ 'Beasts of burden,' because of their strenuous toil and 'long-standing' service, eventually become sick and require medical attention. ${ }^{2}$ The octogenarian's inveterate stand on the abortion issue never once wavered during his 'long' tenure in office. ${ }^{3}$ The Latin word trivium meant 'place where three roads meet' or 'a crossroads,' a common meeting area for travellers where they would exchange news, or pieces of 'common information.' "The 'way from' normal behavior. ${ }^{5}$ To convey something implies movement from one place to another along a 'road' of some sort. ${ }^{6}$ The impervious castle wall did 'not' give the Crusaders a 'way through.' ${ }^{7}$ If one encounters a hindrance that is 'in the way,' one tries 'to get rid' of it.

[^93]:    ${ }^{1}$ See note 1 , p. $2 .{ }^{2}$ This highly used plastic was given its name due to its chemical relationship with alcohol (in its original sense of ethanol). ${ }^{3}$ One definition of vignette is a 'decorative border' in a book, often illustrated with vine leaves and tendrils; a 'short, literary sketch' is a metaphorical extension of the contents of that decorated book page.

[^94]:    ${ }^{1} \mathrm{~A}$ virago is a woman who has what were once considered solely 'manlike' qualities: positive ones such as strength and courage, and negative ones such as being domineering and overbearing, hence 'shrewish.'

[^95]:    ${ }^{1}$ See note 2, p. 265. ${ }^{2}$ The biochemist Casimir Funk constructed the word vitamin from vita and Ammon, the latter a Greek word (see p. 435) from which the word 'amino acid' is derived; Funk thought vitamins contained those basic building blocks of protein which help form all 'living' things.

[^96]:    ${ }^{1}$ Sulfates of metals can look like 'glass;' sulfuric acid, also called 'vitriol,' gave the adjectival sense of 'biting' or

[^97]:    ${ }^{1}$ An exerciser's oxygen or 'air' supply does not become totally depleted during aerobic exercise, but does during anaerobic, etymologically 'without air; an aerobe is a 'living' organism that needs 'air,' or oxygen, to survive. ${ }^{2}$ See note 1, p. 209.

[^98]:    ${ }^{1}$ One can think of a category as a 'thorough assembly' of things divided into a particular class. ${ }^{2}$ Via Greek allegoria, 'speaking otherwise;' there is a double meaning expressed in allegories, so they can be interpreted in at least two ways. n.b. One 'speaks publicly' in an 'assembly.'

[^99]:    ${ }^{1}$ A 'messenger' from the heavens. ${ }^{2}$ The spreading of 'good news.' ${ }^{3}$ That part of a 'flower' that bears the pollen. ${ }^{4}$ An anthology is etymologically a 'gathering of flowers,' or metaphorically a 'collection of the flowers of literature,' that is, the 'best works' of a given author 'collected' in a book; the Latin derived counterpart is 'florilegium,' a word which never really caught on.

[^100]:    ${ }^{1}$ The region of the earth 'opposite the Arctic.' ${ }^{2}$ Etymologically taking the 'cover away;' its capitalized form

[^101]:    ${ }^{1}$ A meteor is a celestial object 'thoroughly raised up' in the sky. ${ }^{2}$ The Greeks thought that the 'aorta,' the main 'artery' of the body, 'lifted' up the heart, holding it in place. ${ }^{3} \mathrm{~A}$ 'joint' connects things, such as the three parts of each finger; in turn, articles in a newspaper or magazine 'join' together to form the whole publication. ${ }^{4}$ To articulate is to 'speak words clearly,' or form distinct 'connections' or 'joints' between each syllable.

[^102]:    ${ }^{1}$ Etymologically a 'bad star;' astrologers thought that disasters could be caused by the evil influence of a star. ${ }^{2}$ This root is related to Latin stella, 'star;' see p. 359.

[^103]:    ${ }^{1}$ An automobile 'moves by itself,' or under its own power. ${ }^{2}$ Etymologically a person's 'life written by the same' person. ${ }^{3} \mathrm{An}$ author is a 'self-worker.'

[^104]:    ${ }^{1} \mathrm{~A}$ symbol is a sign that stands for or represents something, etymologically 'throwing (the two) together. ${ }^{2} \mathrm{Via}$ French parler, 'to talk;' a parlor is a room to entertain visitors. ${ }^{3}$ Via Greek diabolos, 'slanderer,' etymologically 'cast across;' the devil, known to be the ultimate 'slanderer' of heaven, was said to have been 'cast across' from heaven into hell. ${ }^{4}$ An emblem is a distinctive design 'thrown into' or 'inlaid upon' a surface to represent something symbolically. ${ }^{5}$ Anything 'thrown forth' that can cause difficulty. ${ }^{6}$ Via Greek metaballein, 'to change;' the idea is of a 'throwing beyond,' or 'changing' one substance into another within a living cell. ${ }^{7} \mathrm{~A}$ ballad was originally a musical piece that accompanied a 'dance.' ${ }^{8} \mathrm{Via}$ the Latin parabola, 'verbal expression;' a prisoner 'verbally expresses' a promise to conduct himself honorably while conditionally freed from prison. ${ }^{9}$ To dance is to 'throw' oneself about (with control).

[^105]:    ${ }^{1}$ So-named for its supposed use in 'royal' remedies. ${ }^{2}$ Today a basilisk is a type of lizard that runs on its hind legs and has a crest, or 'crown' on its head; in earlier times a basilisk (also known as a 'cockatrice') was thought to be a dreadful serpent whose breath and glance were deadly, and which bore a 'crown-like' spot on its head. ${ }^{3}$ See note 2, p. 433. ${ }^{4}$ One of the symptoms of diabetes is the 'going' or 'passing' of a large amount of urine 'through' (i.e. 'out of') the body.

[^106]:    ${ }^{1}$ Etymologically 'without a bottom.' ${ }^{2}$ Either hyperbolically 'deep' sentiment, or a sudden, ludicrous 'sinking' from the rarefied to the trivial. ${ }^{3}$ Etymologically and simply the 'Book' because of its extreme importance and influence.

[^107]:    ${ }^{1}$ The word bound sounds like the noise made when 'bounding' or 'booming' along. ${ }^{2}$ Via Old French buef, 'cow.' ${ }^{3} \mathrm{~A}$ bugle, via Latin buculus, 'little cow,' was a 'cows' horn' used for hunting, and later evolved into the musical instrument. ${ }^{4}$ Note how Grimm's law helps with the consonant shift from the 'b' of boubalos to the ' f ' of buffalo. ${ }^{5}$ The wings of butterflies are often yellow, like 'butter.' ${ }^{6} \mathrm{Via}$ Greek boukolos, 'cowherd;' 'cowherds' are part and parcel of a 'rustic' setting. ${ }^{7}$ Myron's softly vacuous gaze was remarkably bovine.

[^108]:    ${ }^{1}$ Most sources transliterate the Greek letter chi to 'kh;' I employ 'ch' for utilitarian ease only. ${ }^{2}$ Character is the 'mark' impressed upon someone that separates her from others. ${ }^{3}$ Originally 'chirurgeon,' or a physician who etymologically 'works with his hands' during 'surgery.' ${ }^{4}$ Etymologically 'the act of using nimble fingers' which are capable of performing magic tricks; 'legerdemain' is an apt synonym. ${ }^{5}$ Cognate with cheir via the IndoEuropean root ghes-, 'hand.'

[^109]:    ${ }^{1}$ A written insurance contract; the policy of 'plan of action' comes from the Greek polis, 'city;' see p. 570. ${ }^{2}$ Cognate with the Latin dicere, 'to say,' via the Indo-European root deik-, 'to show, say.' ${ }^{3}$ Etymologically 'terrible' or 'monstrous lizard.' ${ }^{4}$ A widespread disease that comes 'upon the people.'

[^110]:    ${ }^{1}$ Etymologically an 'opinion alongside' another which is seemingly contradictory. ${ }^{2}$ Cognate with Latin docere, 'to teach,' and dignus, 'worthy,' via the Indo-European root dek-, 'to accept.' ${ }^{3}$ The 'one-humped camel' which was domesticated for 'running' errands. 'A 'running together' of symptoms that indicate an abnormal condition. ${ }^{5} \mathrm{~A}$ word that 'runs' the same backwards as forwards, such as 'Ogopogo.'

[^111]:    ${ }^{1}$ See note 4, p. 460. ${ }^{2}$ See note 1, p. 586. ${ }^{3}$ Although bias came to English most directly from Old French biais, 'slant,' its ultimate origin is disputed; most sources suggest that biais probably came from the Greek epikarsios, 'oblique, at an angle.'

[^112]:    ${ }^{1}$ Hermits are recluses who like to live in 'solitary' places, such as 'deserts.' ${ }^{2}$ See note 2, p. 434. ${ }^{3}$ See note 3, p. 451. ${ }^{4}$ Etymologically a 'worker in the earth,' or 'farmer.' ${ }^{5}$ Named after King George II of Britain in 1732.

[^113]:    ${ }^{1}$ Via Greek diagramma, 'plan, linear figure.' ${ }^{2}$ Via Greek programma, 'public announcement.' ${ }^{3}$ See note 1, p. 434. ${ }^{\text {T The }}$ word glamour is simply an alteration of 'grammar;' glamour charms, as if one were under a spell, much in the same way that 'grammar' was once the study of the occult (and always of great learning), which included the casting of spells; clearly, the correct speaking of and orderly arrangement of words was important in making the spell work-language is truly powerful and magical! Also see note 1, p. 72.

[^114]:    ${ }^{1}$ See note 2, p. 444. ${ }^{2}$ In ancient times athletes preferred to 'train naked.'

[^115]:    ${ }^{1}$ British English uses haemo-, haemato-, etc., replacing the American English 'e' with 'ae,' for example, 'taxaemia.'

[^116]:    ${ }^{1}$ The cathedral contains the 'chair' or 'throne' of the bishop, who presides over a given diocese.

[^117]:    ${ }^{1}$ Greek god of smithies, fire, and volcanoes; his name may be a contraction of hemeraphaestos, 'he who glows by day.' ${ }^{2}$ Etymologically lasting 'around a day,' i.e. 'short-lived.'

[^118]:    ${ }^{1}$ A line from Cormac McCarthy's Blood Meridian trenchantly sums up the complex relationship between 'history' and 'story:' "Men's memories are uncertain and the past that was differs little from the past that was not."

[^119]:    ${ }^{1}$ Etymologically a 'journey after' something, via Greek methodos, 'pursuit;' as one takes a 'road' somewhere 'beyond' to 'pursue' a goal, one must have a method, or a systematic 'way' of proceeding to attain that goal lest one is waylaid. ${ }^{2}$ A period in time is etymologically the 'road around' it, or the interval one must traverse before the period has elapsed; a period in a sentence marks the end of the sentence's 'journey about' the page. ${ }^{3}$ Via Greek epeisodios, 'entering in alongside;' now an episode of a story is one integral part of a sustained, cohesive narrative. ${ }^{4}$ The mission of the Catholic church is revealed by the etymology of its name: it seeks to bring the 'entire' world into its fold (the prefix cat- acts here as an intensive, driving home the point).

[^120]:    ${ }^{1}$ Etymologically 'not the same.' ${ }^{2}$ British variant, which can also include 'homœo-.' ${ }^{3}$ Via French encore, 'again,' which itself may have come from a Latin phrase containing the word hora, 'hour;' sources vary widely as to the exact phrase. ${ }^{4}$ Einstein had to 'look at' the Universe closely before he established his theories.

[^121]:    ${ }^{1}$ Via Greek horizein, 'to limit;' the horizon is the perceived 'boundary' line between the land and the sky. ${ }^{2} \mathrm{Her}$ shrewd aphorism succinctly delimited the thorny ethics of good and evil. ${ }^{3}$ Hydrogen 'produces water' when it combines with oxygen. ${ }^{4}$ The Hydra was a nine-headed 'water serpent' that Heracles overcame in his second labor. ${ }^{5}$ The periodic table derives Hg as its symbol for 'mercury' from the Greek hydrargyros, 'silver water;' another name for mercury is 'quicksilver.' ${ }^{6}$ See note 1, p. 292.

[^122]:    ${ }^{1}$ Via Greek eidyllion, 'little form, small picture.' ${ }^{2}$ The Greek word idiotes meant 'common man' or 'private person;' since a 'common' person was considered to have little knowledge, idiot eventually came to mean 'ignorant person,' reflected in the Latin idiota, 'uneducated person.'

[^123]:    ${ }^{1} \mathrm{~A}$ canyon is etymologically a (very) large 'tube' or 'reed' which is exposed on its top, much like a 'halfpipe;' note that a canyon is formed by running water, hence it is also a 'channel for water.' ${ }^{2} \mathrm{~A}$ cannon is etymologically a large 'reed' or 'tube.' ${ }^{3}$ Via Latin canistrum, 'basket;' a canister is usually cylindrical, suggesting a fat 'reed.'

[^124]:    ${ }^{1} \mathrm{~A}$ 'thorough listing' or 'calulation' of items for sale. ${ }^{2}$ Etymologically a 'thorough brandishing;' to 'brandish' a sword is to 'wave it threateningly' at an enemy, but not strike, so the idea behind a catapult is that, prior to firing, it is 'thoroughly poised' to strike. ${ }^{3}$ See note 4 , p. 489. ${ }^{4}$ See note 1 , p. 431. ${ }^{5}$ Via Latin cataracta, 'waterfall.'

[^125]:    ${ }^{1}$ Greek geographers once divided the earth into 'sloping regions,' or climates; later, the meaning of climate came to refer to the 'weather' of those 'sloping regions.' ${ }^{2}$ A clinic is filled with 'beds' for the sick, on which they 'lean' for comfort. ${ }^{3}$ A ladder 'leans' against a wall for support, the top of which is etymologically the climax, or 'culmination' of its rungs. ${ }^{4}$ Cognate with klinein, derived from the Greek kleitoris, 'clitoris.' ${ }^{5}$ Root of 'decline,' 'incline,' and 'recline.'

[^126]:    ${ }^{1}$ Via Old French colper, 'to cut;' the etymological notion is of giving a 'blow' or 'punch' to the price of an item, thereby reducing its cost by the use of the coupon. ${ }^{2}$ When Max received a 'blow' to his finances after the stock market tanked, he had to recoup his losses. ${ }^{3} \mathrm{We}$ all must cope with the various 'cuffs' of fortune which inevitably arise in life, resolutely giving back 'blow' for 'blow.' ${ }^{4} \mathrm{Via}$ Old French couper, 'to cut;' etymologically, a copse is a suitable 'thicket of trees' for 'cutting.' ${ }^{5} \mathrm{Via}$ Greek enkomion, 'speech lauding a victor.'

[^127]:    ${ }^{1}$ To play a part is etymologically a 'separating under' from that which is real.

[^128]:    ${ }^{1}$ A syllable is etymologically a group of letters 'held' or 'taken together' to form a 'unit of spoken or written language.' ${ }^{2}$ After having 'taken two' engagement rings, Jill was in a verifiable 'pickle' since she loved each of her suitors equally. ${ }^{3}$ A syllabus of a course lists all the work 'taken together' during a given term.

[^129]:    ${ }^{1}$ An eclipse of something is etymologically a 'leaving out' of it, e.g. a 'solar eclipse' is the 'leaving out' or 'blocking' of the sun by the moon. ${ }^{2}$ A combination of leon and Greek pardos, 'big cat.' ${ }^{3}$ Etymologically a 'lion on the ground;' I cannot explain why this feeble animal was named after a 'lion,' except perhaps that it can be considered obliquely 'courageous' because of its ability to camouflage itself, thus not having to greatly fear predators, just like the 'king of the jungle' has no predators it need fear. ${ }^{4}$ See note 1, p. 93.

[^130]:    ${ }^{1}$ When anything is stretched so as to become 'long,' it concurrently becomes 'thin;' these four roots are all related via the Indo-European root mak-, 'long, thin.'

[^131]:    ${ }^{1}$ See note 1, p. 489. ${ }^{2}$ See note 1, p. 442. ${ }^{3}$ See note 6, p. $445 .{ }^{4}$ A spelling variant of 'metal;' mettle is that 'hard' substance within one's character that enables 'courage' and 'resolve' to happen. ${ }^{5}$ Demeter was the 'Mother' Earth goddess. ${ }^{6}$ Etymologically a 'mother city.'

[^132]:    ${ }^{1}$ To grant someone amnesty is etymologically to 'forget' or no longer 'remember' an offense.

[^133]:    ${ }^{1}$ Collections of 'fine art' are often found in museums. ${ }^{2}$ The Muses were minor goddesses who provided inspiration for those following the fine arts: Clio (history), Melpomene (tragedy), Erato (lyric poetry), Urania (astronomy), Terpsichore (dance), Euterpe (flute playing), Thalia (comedy), Polyhymnia (sacred music, mime), and Calliope (epic poetry). The Muses were the daughters of Zeus and Mnemosyne, the goddess of memoryone must have a very good memory to perform well in the fine arts. ${ }^{3}$ See note 1, p. 238 for the connection between mouse and muscle. ${ }^{4}$ Probably derived from mys, 'mouse, muscle;' the semantic connection is unclear, but one might think of 'muscle' as being the 'core' of strength of the body, just as the 'marrow' is the 'core' of the bone, and the 'brain' is the 'core' of the central nervous system.

[^134]:    ${ }^{1}$ Once Cindy underwent her revelatory 'initiation' into the secret society, many of its heretofore veiled practices became demystified.

[^135]:    ${ }^{1}$ Ben invited everyone he met to join his fan club; like 'Narcissus' continuously staring at his own beauty in the pool, Ben's constant narcissistic attention upon himself drove his loved ones mad, and lulled him into a 'torpor' of self-absorption. ${ }^{2}$ When Peter became 'seasick' his retching and agonizing groans kept everyone on board awake. ${ }^{3} \mathrm{~A}$ 'sailor in the stars.' ${ }^{4}$ Jason took fifty 'sailors' with him on the 'Argo' to procure the fabulous

[^136]:    ${ }^{1}$ The drink of the gods was 'nectar' which made the gods immortal. ${ }^{2}$ A nation's economy is etymologically how funds are 'managed, allotted, or distributed in its house.' ${ }^{3}$ The word nemesis derived from 'Nemesis,' the Greek goddess of vengeance, who humbled the proud and the arrogant; an academic nemesis certainly can humble one. ${ }^{4}$ A variant of the Greek Neapolis, 'new city,' which was founded by the Greeks circa 600 BCE. ${ }^{5}$ So named because its discovery was 'new' when founded in $1898 .{ }^{6}$ See note 2, p. 437.

[^137]:    ${ }^{1}$ An organ of the body is a 'tool' which helps it function, just like organizing one's finances helps them flourish. ${ }^{2}$ All functional and successful organizations have as their core coordinated efforts, or 'instruments' which, when working together, enable the organization to prosper. ${ }^{3}$ Organic chemistry is based upon the element carbon, which naturally exists in all living things as an inherent part of their molecular 'organization;' hence, organic food is grown by not using synthetic drugs, chemicals, or hormones, and by using pesticides or fertilizers which have their origin in animals or plants, i.e. are carbon-based.

[^138]:    ${ }^{1}$ Etymologically an 'acid producer.' ${ }^{2}$ See note 2, p. 530. ${ }^{3}$ Etymologically a sudden 'thorough sharpening' of something, such as an emotion or abrupt physical response; Cecil's paroxysm of desire unwittingly occurred the first time he saw Cecilia wearing square pants.

[^139]:    ${ }^{1}$ Possibly via French piere, 'breakwater;' in this suggestion, a pier would be essentially a solid structure of 'rocks' providing both a 'breakwater' for a harbor and a 'platform' on which ships could land. ${ }^{2}$ Etymologically 'rock celery.' ${ }^{3}$ Etymologically a 'stone licker;' lampreys do in fact suck on 'stones.' ${ }^{4}$ Etymologically 'oil from rocks.' ${ }^{5}$ The eso morpheme is unexplained. ${ }^{6} \mathrm{~A}$ sarcophagus, or aboveground stone 'coffin,' is etymologically an 'eater of flesh;' ancient sarcophagi were made of limestone, which quickly consumes flesh.

[^140]:    ${ }^{1}$ Fancy dress is highly 'imaginative.' ${ }^{2}$ A fantasy is a product of the 'imagination,' which enables images to 'appear' in the mind. ${ }^{3} \mathrm{~A}$ phantom is an 'apparition' which 'appears' or becomes 'visible' sometimes exclusively to the mind. ${ }^{4}$ Phases of life 'appear' during certain times, only to be replaced by others later on. ${ }^{5}$ When one pants, one etymologically reacts in shock as if one has seen an 'apparition,' or 'phantom.' 6Billy-Bob emphasized the fact that his hunt was successful by the 'showing' of his ten-point buck to all and sundry. ${ }^{7} \mathrm{~A}$ phenomenon is any worldly thing that 'appears' to the senses. ${ }^{8} \mathrm{~A}$ 'shower of figs;' one possible explanation is that 'toadies' would inform authorities about crooks who were illegally exporting 'figs' from Athens.

[^141]:    ${ }^{1} \mathrm{~A}$ prophecy is etymologically 'speech before,' or a 'saying' by a 'prophet' which 'predicts' something 'before' it happens.

[^142]:    ${ }^{1}$ A metaphor is a figure of speech, or trope, in which one thing is figuratively 'carried beyond' to another, such as observing that a maple's crimson fall leaves are as a 'glorious fiery fountain,' or bleakly suggesting, as Macbeth does, that "Life's but a walking shadow, a poor player,/That struts and frets his hour upon the stage,/And then is heard no more" (V.v. 24-26), or more positively suggesting, as Jacques does in As You Like It, that "All the world's a stage, /And all the men and women merely players" (II.vii. 139-140). ${ }^{2}$ The periphery of a house is etymologically the 'bearing around' it, or the 'boundary.' ${ }^{3}$ 'Transports of joy' is the etymological idea. ${ }^{4} \mathrm{~A}$ phosphorescent organism 'carries light' within its body. ${ }^{5} \mathrm{~A}$ 'bearer of darts.' ${ }^{6} \mathrm{~A}$ 'burden' must be 'carried.' ${ }^{7}$ The etymological idea is of 'carrying' a grudge or complaint against another.

[^143]:    ${ }^{1}$ See note 1, p. 487. ${ }^{2}$ The city of 'brotherly love.' ${ }^{3} \mathrm{~A}$ hemophiliac 'loves blood' because his cannot clot in a wound; since the 'hemophiliac' loses it quickly, he needs, or 'loves' to have, more.

[^144]:    ${ }^{1}$ Etymologically a 'doctor of the natural world;' the meaning has now shifted to 'doctor of medicine,' although a physician surely does care for one's 'physical,' or 'natural' body. ${ }^{2}$ Via Greek emphyein, 'to implant, graft;' one 'grafts' young shoots, which later became extended to 'small children,' especially 'mischievous' ones. ${ }^{3}$ Pertaining to the study of that which has its being 'beyond the natural' world.

[^145]:    ${ }^{1}$ Etymologically a 'broad' space or area. ${ }^{2}$ Etymologically a 'flat' thing, whether a dish, piece of metal, license on a car, home base on a baseball field, etc. ${ }^{3}$ From a Spanish diminutive of plata, 'silver, plate;' platinum has a 'silvery' color-note that 'plate' in this sense means 'household implements,' especially 'dinnerware covered with silver or gold.' ${ }^{4}$ Plato was a sobriquet of Aristocles, one of the three greatest philosophers of all time; the nickname may have referred to his 'broad' forehead, waist, shoulders, or ideas. ${ }^{5}$ Pluto (Greek 'Hades') was the god of the underworld and of wealth; one finds 'wealth' in mines 'under' the ground, much as there is 'wealth' in the fields because crops grow up from 'under' it. Pluto the planet was so named because of its unfathomable distance away from the light-giving sun. ${ }^{6}$ Just as the planet 'Pluto' follows 'Neptune' (most of the time) in the solar system, plutonium was so named because it follows 'Neptunium' in the periodic table.

[^146]:    ${ }^{1} \mathrm{~A}$ 'sphere,' such as a planet, or a slice of a 'sphere,' such as a wheel, turn on an 'axis,' just like the wheel of a pulley turns on its 'axis.' ${ }^{2}$ The North and South Poles form the extremities of the 'axis of the (Earth's) sphere,' and hence are the literal polar opposites from which figurative polar opposite arise; life in the phenomenal world is characterized by polar opposites, or polarities: light and dark, hot and cold, love and hate, fear and desire. ${ }^{3}$ See note 2, p. 510.

[^147]:    ${ }^{1}$ Note how the ' $r$ ' of purpura seemingly randomly becomes the 'l' of 'purple;' see note 1 , p .72 . ${ }^{2}$ Etymologically a 'river horse.' ${ }^{3}$ Mesopotamia was the home of numerous ancient civilizations, located on the land 'in the middle of the rivers,' namely the Tigris and Euphrates, in what is now Iraq.

[^148]:    ${ }^{1}$ Via Old French puie, 'balcony;' a pew can be thought of as a 'base' or 'bench' upon which one sits.
    ${ }^{2}$ Etymologically a 'flat-footed' creature. ${ }^{3}$ Via Greek trapeza, 'table,' or 'four-footed' piece of furniture; today, a trapezoid is (very) roughly 'table-like' in shape since it has only one pair of parallel sides. ${ }^{4} \mathrm{Via}$ Greek kalapous, 'shoemaker's last;' a 'last' is a form used for making or repairing shoes, and thus can calibrate their size correctly, ensuring that each shoe's caliber will be of high quality. ${ }^{5}$ Etymologically 'swollen foot;' Oedipus's father Laius pierced his infant son's 'feet' together with a nail and exposed him to die on Mount Cithaeron because he knew, via the Delphic Oracle, that a son born to his wife Jocasta would murder him. ${ }^{6}$ The class chose the practical solution to the problem because they all considered it 'doable' or 'achievable.'

[^149]:    ${ }^{1}$ Etymologically 'foresight;' Prometheus, the creator of mankind, was portrayed as highly original and boldly inventive, hence the eponymous adjective Promethean-his brother's name, 'Epimetheus,' meant 'hindsight,' for which there is no corresponding adjective 'Epimethean,' although it could certainly be put to use.

[^150]:    ${ }^{1}$ See note 3, p. 459. ${ }^{2}$ See note 2, p. 539. ${ }^{3}$ A disputed etymology; in this suggestion, a pyramid, like this tree, is shaped like a tongue of 'fire.' ${ }^{4}$ Ancient cosmologists taught about the empyrean, a realm of pure 'fire' which existed in the highest heavens, hence the adjective empyreal, 'lofty, sublime, elevated, celestial.'

[^151]:    ${ }^{1}$ The notion of 'packing one's bags' is apropos here, both in the sense of 'plundering, looting' and 'losing one's job.' ${ }^{2}$ Etymologically the 'tearing of flesh;' sarcasm can often hurt as badly as physical wounding. ${ }^{3}$ See note 6, p. 555.

[^152]:    ${ }^{1}$ 'Sheltered' or 'roofed lizard.' ${ }^{2}$ See note 3, p. 460. ${ }^{3}$ Via Greek eune, 'bed' and ehkein, 'to keep;' the primary original job of a eunuch was to 'keep' or 'guard' a woman's 'bed;' since the eunuch was castrated, he was particularly suitable for the task. ${ }^{4}$ These roots ultimately come from the Indo-European root segh-, 'to hold,' as does schole, 'leisure' (see p. 583); all, indeed, have something to do with 'holding' or 'being in a certain condition.'

[^153]:    ${ }^{1}$ See note 1, p. 545. ${ }^{2}$ Note that skia may be related to skene (see p. 584), linked by the idea that 'tents' cast 'shadows;' a 'squirrel,' then, would pitch its own 'tent,' or cast its own 'shadow,' with its 'tail.'

[^154]:    ${ }^{1}$ Etymologically 'very wise.' ${ }^{2}$ The 'love of wisdom.' ${ }^{3}$ Wise' in the complex ways of the world. ${ }^{4}$ See note 1 , p . 530. ${ }^{5}$ A point of view that only appears 'wise.' ${ }^{6}$ Etymologically 'ball of steam.'

[^155]:    ${ }^{1}$ Strap is an alteration of 'strop,' a kind of strap; a strap is a strip of material 'twined' or 'twisted' together. ${ }^{2}$ Strep is short for 'streptococcus,' a type of bacteria that is found 'twined' or 'twisted' together in chains, and that causes strep throat and scarlet fever. ${ }^{3}$ A punctuation mark that shows where a letter has been 'turned away,' such as the 'o' in 'don't' or the 'i' in 'it's.' ${ }^{4} \mathrm{~A}$ sudden 'thorough turning' for the worse, or 'calamity.' ${ }^{5} \mathrm{~A}$ strapping young man has a well-developed muscular physique, which comes from the notion of a 'strap' making something secure and strong. ${ }^{6}$ A literary apostrophe occurs when someone or something is addressed or spoken to that is not there, or is 'turned away' from the speaker, which nevertheless is treated as if present and able to comprehend what the speaker says.

[^156]:    ${ }^{1}$ Oakum is a type of fiber, sometimes treated with a gummy substance, used to plug, or 'stop' up seams or holes; for instance, one can stuff oakum inside a horse's hoof that has a hole in it.

[^157]:    ${ }^{1}$ Syntax governs how words are grammatically 'arranged together' in a sentence to form meaning. ${ }^{2}$ Caesar's battle tactics for successfully storming fortresses were so cleverly 'arranged' that no stronghold was impregnable. ${ }^{3}$ The scientific 'law of arrangement,' that is, 'orderly classification.'

[^158]:    ${ }^{1} \mathrm{~A}$ telephone allows one to hear a 'voice from far away.' ${ }^{2}$ Via Greek telein, 'to complete, consecrate;' a talisman is an object 'consecrated' or marked with magic symbols which, as a 'result,' protect or empower its possessor.

[^159]:    ${ }^{1}$ A trapeze forms a 'quadrilateral' with the crossbar, two ropes, and the support from which the ropes hang. ${ }^{2}$ See note 3, p. 573. ${ }^{3}$ Since his father had a one in a million chance of physical recovery, and no chance of mental recuperation, Jack decided to grant him a 'good death,' ordering the doctor to remove the breathing tube.

[^160]:    ${ }^{1} \mathrm{~A}$ theorem is a way of 'looking at' a particular phenomenon that has been demonstrated to be correct. ${ }^{2} \mathrm{~A}$ theory is an explanation that is used to describe what has been 'looked at' or 'viewed' in nature. ${ }^{3}$ Also see the Horan tree, p. 490. ${ }^{4}$ A discotheque is etymologically a 'library' (partly from Latin bibliotheca, 'library') of recorded music, much of which was originally on 'disks.' ${ }^{5}$ An apothecary was originally a 'storekeeper' who kept things in a 'storehouse,' or etymologically 'away in a box;' today the word is used for a 'pharmacist,' who certainly keeps all drugs carefully contained or put 'away' within appropriately safe 'receptacles.'

[^161]:    ${ }^{1}$ The difference between a thermometer and a thermostat is that the former only 'measures heat,' whereas the latter employs a thermometer to keep 'heat standing' at a preset temperature, that is, it 'regulates temperature.'

[^162]:    ${ }^{1}$ One could fruitfully think that the element titanium was so called because of its great strength, but in actuality its name originated because it was discovered right after the element 'Uranium,' and since the 'Titans' were children of the sky god Uranus, for which 'Uranium' was named, the new element logically became titanium. ${ }^{2}$ The Titans were gigantic. ${ }^{3}$ Parentheses are upright curved lines within which one 'puts (a comment) alongside' a sentence, or 'inserts' an explanatory remark. ${ }^{4}$ So named because his father's sword and sandals were 'placed' under a rock for Theseus later to uncover. ${ }^{5} \mathrm{~A}$ thesis is a 'proposition,' or idea 'put forth' in order to 'arrange' perceived information into a forceful argument. ${ }^{6}$ Today a 'treasury' of words. ${ }^{7}$ Synthesizing is 'putting together' to form a whole, whereas a synthesis is the 'whole' thing 'having been put together.' ${ }^{8} \mathrm{~A}$ term 'placed upon' a person or thing, such as 'the Magnificent' in 'Lorenzo the Magnificent.' ${ }^{9}$ In the case of anathema, something etymologically 'put back' is 'accursed' or 'shunned.'

[^163]:    ${ }^{1}$ One alters or 'tunes' the tone of a stringed instrument by how much the 'tuner' 'stretches' its strings. ${ }^{2} \mathrm{~A}$ variant of 'tone;' to 'tone' a piano is the same as to tune a piano. ${ }^{3}$ A tonic revitalizes bodily 'tone,' or fitness. ${ }^{4}$ A tendon attaches a muscle to bone, etymologically a link by which a muscle is 'stretched' to bone. ${ }^{5}$ The Achilles tendon was so named because Thetis, the mother of Achilles, dipped her infant son into the river Styx in order to make him invulnerable, but the heel by which she held him stayed vulnerable since it did not touch the water-any weakness today is known as an 'Achilles' heel.' ${ }^{6}$ Via Greek tetanos, 'rigid, stretched tight;' tetanus, also known as 'lockjaw,' causes muscles to 'tense' and spasmodically contract. 'See note 3 . ${ }^{8}$ The hypotenuse is the side of a right triangle that is etymologically 'stretched under,' or opposite, the right angle.

[^164]:    ${ }^{1}$ An attorney 'turns' her attention 'towards' a client in matters of law. ${ }^{2}$ Snozzbert had to 'circle out' of his way as he took the circuitous detour through downtown New York City. ${ }^{3} \mathrm{To}$ 'circle back.' ${ }^{4} \mathrm{The}$ travel company took us on a tour all 'around' Italy. ${ }^{5}$ A chess tournament features a complete 'circle' or 'series' of competitions in which all contestants compete; the champion prevails in the final 'round.' ${ }^{6}$ The appealing, 'rounded' contours of the sleek Porsche hastened my frenetic writing of a rather large check. ${ }^{7}$ The English derivatives of this root possess the notion of 'turning,' or 'going round' something or somewhere, just as one 'turns' about or 'goes round' a 'circle,' or as a craftsman 'rotates' a piece of metal or wood rapidly on a 'lathe' to shape it.

[^165]:    ${ }^{1}$ Trophies were originally handed out in remembrance for triumphantly 'turning back' an enemy. ${ }^{2}$ The Tropics, or hot areas of the Earth (known as the Torrid Zone), are bound by the tropic of Cancer in the north, and the tropic of Capricorn in the south; these two lines of latitude mark the southernmost and northernmost boundaries of the sun's travels-once the sun shines directly over one of the them on a given solstice, it 'turns' to head back to the other, thereby marking the seasons. 'Via French trover, 'to find;' when a golden retriever 'finds' a stick, he returns with it. ${ }^{4}$ Via French trover, 'to find;' when the pirates placed their treasuretrove on Oak Island, they hoped to return some day to reclaim it. ${ }^{5} \mathrm{We}$ all try to contrive clever 'ways' to do things by 'turning' them in many different 'directions' to find the best 'manner' for their completion. ${ }^{6} \mathrm{~A}$ literary trope is a 'turn' away from the literal, or a figurative 'way' of using words; the four primary tropes are metaphor, irony, metonymy, and synecdoche. ${ }^{7}$ Entropy is a 'change' in matter (or a system or society) from an organized state, or one of high energy, to a disorganized state, or one of low energy.

[^166]:    ${ }^{1}$ One types on a keyboard by making 'impressions' on the keys with one's fingers. ${ }^{2} \mathrm{~A}$ type of candy is the 'form' it takes, just as character traits 'form' a type of person. ${ }^{3} \mathrm{~A}$ typical day describes the 'form' that it usually takes. ${ }^{4} \mathrm{An}$ archetype is etymologically a 'beginning form;' an archetype can be a 'prototype,' or example from which others are derived, or an ideal 'type' or 'form' that is viewed as the best example or 'impression' of its class. ${ }^{5}$ See note 5, p. 589. ${ }^{6}$ Etymologically a 'first impression.' ${ }^{7}$ This is probably related to typos as a cognate of the Indo-European root steu, 'to beat, knock.' ${ }^{8}$ King of the tyrant lizards.' ${ }^{9}$ An absolute ruler must and unrestrictedly does have things his own way, even if and when they are detrimental to those he rules.

[^167]:    ${ }^{1}$ As a 'belt' encircles specific areas, such as one's waist or a highway around a city, so too is a zone an 'area,' 'section' or 'region' that is 'belted' off due to its distinctive features, whether geographical, residential, temporal, etc.

[^168]:    ${ }^{1}$ An enzyme is etymologically a 'leaven' that gets a biochemical reaction going. ${ }^{2}$ A leaven is a 'yeast' which causes bread dough to rise via fermentation; if leaven is not added to bread, it is known as unleavened bread, which is used for some religious rites.

[^169]:    ${ }^{1}$ Zeno, the traditional founder of Stoicism, which taught indifference to both pain and pleasure, frequented and taught in the 'Painted Porch.' ${ }^{2}$ See note 8, p. 556.

[^170]:    ${ }^{1}$ Edward Jenner used the first vaccine when he injected patients with the cowpox virus to prevent smallpox. ${ }^{2}$ Named after Queen Elizabeth I of England, the Virgin Queen. ${ }^{3}$ As a vine tightly wraps around whatever it can and holds on tightly, so too does a 'vise' clamp on to hold something tight.

[^171]:    ${ }^{1}$ Also see '-itude;' technically speaking, this suffix should be '-ude.

[^172]:    ${ }^{1}$ Also see the suffix '-ery,' p. 636.

