Appendix VIII

Positional Iconism

Non-Vehicular Motion

Position: 1

<u>/r/ Characterization</u>: General running or walking, no source or path implied. Tends to be fast or wide ranging.

/r/ Word List: race, raid, range, reach, rip, roam, roar, romp, rove, run, rush

/// Characterization: General departure.

/// Word List: lead, leave, lope, lunge, lurch

Position: 2

/r/ Characterization: Motion's source or path is defined by initial consonant. Tends to be slow and limited. /tr/ suggests an implicit goal.

/r/ Word List: break, crawl, creep, cross, cruise, drag, drift, drop(by), frisk, prance, press, prowl, thread, trace, track, trail, tramp, tread, trek, tromp, troop, trot, trudge

/// Characterization: With labials usually a flight from something specific, otherwise a burden is implied.

/// Word List: blast, blitz, blow, climb, flash, flee, fly, plod, plunge, slink, slip, slog, slosh

Position: 3

/r/ Characterization: Source and path defined. Tends to be fast or wide-ranging./str/ is linear.

/r/ Word List: scram, scream, spread, spring, sprint, stray, streak, stream, stride, strike, stroll, strut

/l/ Characterization: Flight

/l/ Word List: split

Position: F2

/r/ Characterization: An element of inevitability or lack of control implied. An obstacle is implied.

/r/ Word List:barge, charge, course, curve, dart, ford, forge, fork, forth, hurl, march, part, storm, swarm, swerve, warp

/l/ Characterization: Avoidance.

/l/ Word List: bolt, skulk

Position: F3

/r/ Characterization: Inevitability or passivity often implied. No implicit obstacle.

/r/ Word List: fare, near, roar, scour, soar, tear, tour, veer

/l/ Characterization: Pulling.

/// Word List: crawl, prowl, pull, steal, scale, trail

Observations

- The /l/ words usually contain a labial consonant. In positions 1, 2, 3 and F2, the words containing /l/ imply a departure from some place. In final position, they imply that something is dragged along behind. In words containing /r/, this adherence to a place or thing is not in general implied. /l/ quite generally implies a flowing whose direction and force is determined by its position in the word relative to the other sounds which surround it. When /l/ appears in initial position, the flowing outward happens first, and the word concludes with the position from which the flowing occurs. If the word ends in /ch/ or /j/, a sudden overcoming of resistance is implied. If the word ends in a labial, the place or position from which the flowing occurs is emphasized (lope, leave). When /l/ occurs initially, the action 'leads', but when the /l/ occurs in final position, the flowing is after the fact, and we get the opposite 'follow', or 'pull'.
- /r/'s energy is much more active than /l/'s. The other sounds in a word containing /r/ define the source, goal and path of its energy, but there is in general no ongoing connection between them. In initial position, /r/ often implies that the motion has no limitation (roam, range, rove, romp). In these words, for example, the 'measure' implicit in /m/ emphasizes the area that is covered. The number provided by the /n/ in 'range' contributes the sense that a specific measurable area is

involved. The /p/ in 'romp' emphasizes the steps. These characteristics are quite general for /m/, /n/ and /p/. When /r/ appears in 3rd position, /s/ begins the word, and reinforces the energy making the sCr words more powerful or energetic than their #Cr counterparts. This too is quite generally the case for words beginning with /s/. A comparison of /r/ in second position to /r/ in pre-final position shows that /r/ tends to lose control after the vowel.

Vehicular Motion

Position: 1

/// Characterization: General Departure

/l/ Word List: launch

Position: 2

/r/ Characterization: Effortful, implies a burden and a direction.

/r/ Word List: branch, bring, draft, draw, drive, freight, trail, trawl, trip, troll, truck

/l/ Characterization: Easy sliding or flying over water or through air

/// Word List: flight, float, flow, flux, fly, glide, sled, slide, slink, slip

Position: F2

/r/ Characterization: More focussed on steering than burden.

/r/ Word List: cart, surf, turn

/l/ Characterization: Steering

/l/ Word List: helm

Position: F3

/r/ Characterization: Steering, directedness or a burden.

/r/ Word List: bear, oar, spur, steer, tour, veer

/// Characterization: Pulling or Steering

/l/ Word List: haul, pull, roll, sail, scull, trail, trawl, troll, wheel

Observations

- The /r/ words in general involve a vehicle which must be driven with an engine or with some other force. When the /r/ occurs in initial position, the energy forms the backdrop of the action, and so the word infers 'riding', that the person transported is not having to steer or carry any weight. When /r/ appears immediately after a consonant, the consonant imposes a burden that the /r/ must carry. When /r/ appears after the vowel, again control is lost, and the issue of steering comes up.
- The /l/ words in general do not imply that the vehicle has an engine. They often imply smooth movement over water or through air. Whereas the dragging in /r/ happens when /r/ is in second position, in /l/ it happens in final position.

Liquid in Motion

Position: 1

- /r/ Characterization: Downward. No limited path. Defined goal.
- /r/ Word List: rain, run
- /l/ Characterization: No limited path. Defined source.
- /I/ Word List: leak

Position: 2

- /r/ Characterization: Downward. Along a narrow, linear path.
- /r/ Word List: drain, drench, drift, drip, drool, drop, drown
- /l/ Characterization: Downward.
- /// Word List: bleed, floe, flood, flow, flush, plash, plop, sleet, slop, slosh, sluice

Position: 3

- /r/ Characterization: Outward. More forceful.
- /r/ Word List: spray, spring, strain, stream
- /// Characterization: Outward. More forceful.
- /// Word List: splash, splat, splay, splotch

Position: F2

- /r/ Characterization: Uncontrolled.
- /r/ Word List: spurt, squirt, storm
- /// Characterization: Uncontrolled.
- /l/ Word List: melt, whelm

Position: F3

- /r/ Characterization: Defined source.
- /r/ Word List: pour, tear
- /l/ Characterization: Downward. Uncontrolled.
- /// Word List: drool, fall, hail, spill

Observations

• The r/ words tend to be more linear than those containing r/l/.

Sound

Position: 1

/r/ Characterization: Wild or unrestrained. Source of sound not narrowly specified /r/ Word List: rage, rant, rap, rasp, rave, ring, roar, rout, row

Position: 2

/r/ Characterization: Source of sound more narrowly defined. Sound is more restrained. Sound produced intentionally

/r/ Word List: bray, breath, crack, crash, creak, croak, croon, crunch, cry,drawl, drone, drum, frog, groan, groove, growl, grunt, shriek, shrill, thrum, trill, troll

/l/ Characterization: Source of sound is an orifice. Sound produced intentionally

/I/ Word List: blab, blare, bleat, blow

Position: 3

/r/ Characterization: Strained voice (/k/) or string (/t/).

/r/ Word List: screak, scream, screech, strain, strike, stroke, strum

Position: F2

/r/ Characterization: Unintentionally produced sound of limited duration.

/r/ Word List. bark, birl, burp, chirp, chord, dirge, fart, hoarse, horn, snarl, snort, storm

/// Characterization: Unintentionally produced sound of limited duration.

/l/ Word List: pulse

Position: F3

/r/ Characterization: Unintentionally produced prolonged sound.

/r/ Word List. birr, blare, chirr, churr, purr, roar, snore, whir

/// Characterization: Unintentionally produced prolonged sound.

/// Word List: bawl, bell, birl, drawl, gnarl, growl, howl, knell, peal, shrill, snarl, squeal, toll, trill, troll, wail, yell, yowl

Observations

• The /l/ words tend to cooccur with labials. (/r/ throughout this appendix is classified as a labial.) This type of cooccurrence is very common throughout the vocabulary. One could say that with very few exceptions in English, /l/ requires a labial in order to make noise. The /l/ words tend to be higher pitched than those containing /r/.

Speech

Position: 1

/r/ Characterization: Incoherent /r/ Word List: rage, rant, rasp, rave, roar

Position: 2

/r/ Characterization: Coherent, having specific intent.

/r/ Word List: brag, bring, broach, greet, grill, gripe, grouse, phrase, praise, prate, pray, preach, prove, threat, thresh, train, trope

/// Characterization: Coherent, having specific intent. Pleading in /p/, blame otherwise

/l/ Word List: blab, blame, blare, blast, blow, cluck, flak, flay, flout, plea, plead, please, slap, slur

Position: 3

/r/ Characterization: Outward. More forceful.

/r/ Word List: screen, spread, spring, stress, stretch

Position: F2

/r/ Characterization: Uncontrolled or prolonged.

/r/ Word List: blurt, harp, spurt, word, yarn

/l/ Characterization:

/l/ Word List: scold

Position: F3

/r/ Characterization: Defined source. Need to express something repressed

/r/ Word List: air, pour, share, square

/// Characterization: Defined source. Wish to talk.

/// Word List: call, dial, hail, heil, poll, skoal, spiel, tale, tell

Observations

• At this point it becomes apparent that the most controlled positions are 2nd and 3rd, before the vowel, but after initial consonants. The lack of control in initial position is always different from the lack of control which surfaces when the consonant follows the vowel. In initial position, the speech itself, represented by /r/ is not limited, and in this case, the result is incoherence. After the vowel, coherence has already been provided by initial consonants. For example, the person has something to air or share, but is not in control of the actual process of sharing. It's something that needs to be done. The fact that /l/ is less actively forceful can be seen, for example, in the fact that the talking words ending in /r/ have an implication of compulsion, whereas those ending in /l/ just express a wish to talk.

Make Active - /r/, Calm Down - /l/

Position: 1

/r/ Characterization: General criticism or attempts to irritate.

/r/ Word List: rag, rail, rake, ram, rap, rat, rate, raw, razz, rib, rile, riot, rise, rock, roil, rot, rouse, rub, rude, ruse, rut

/l/ Characterization:

/I/ Word List: low, lull

Position: 2

/r/ Characterization: Putting somebody through something

/r/ Word List: craze, grate, grill, threat

/l/ Characterization: Interference with ongoing activity.

/// Word List: bleep, plod, slack, sleep, slog, slop, sloth, slow, slug

Position: 3

/r/ Characterization: Increased forcefulness, driving away

/r/ Word List: scram

Position: F3

/r/ Characterization: Scare

/r/ Word List: dare, floor(v), glare, jar, rear(v), scar, scare, sore, spur, stare, stir, tear

/// Characterization: Discontinuation

/// Word List: lull, quell, stall, still

Observations

• There isn't really a class of words containing /l/ intended to make someone active. There are words of criticism (listed below). But the closest large class of words in /l/ to the 'make active' class in /r/ slows things down rather than speeding them up. This fact exemplifies quite well the difference between /r/ and /l/. /r/ has its own inherent energy which activates what surrounds it. /l/ has a potential energy, which has a calming or slowing effect on its environment. The words in this class in which /r/ appears before the vowel are intended to make someone active. When /r/ appears after the vowel, they are words of scaring.

Curse, Criticize

Position: 1

/// Characterization: General criticism

/// Word List: lash, launch, lay (into), lip, lump (it)

Position: 2

/r/ Characterization: Criticism

/r/ Word List: brand, crock, drat, gripe, grouch, grouse, growl

/// Characterization: Criticism for something specific

/l/ Word List: blame, blast, blow, cluck, flak, flay, flout, slap, slur

Position: 3

Characterization: Criticism intensified

Word List: screw, strip

Position: F2

/r/ Characterization: Yelling, implies condescension /r/ Word List: barb, bark, curse, harp, irk, scorn, smirch

/l/ Characterization: Implies authority

/I/ Word List: scold

Position: F3

/l/ Characterization: Implies an effect has been brought about. (resultative)

/// Word List. gall, rile, roil, till

Roads

Position: 1

/r/ Characterization: General

/r/ Word List: ramp, ring, rink, road, route, run, rut /l/ Characterization: Something which leads to /l/ Word List: lane, line

Position: 2

/r/ Characterization: Directed through or over.

/r/ Word List: bridge, draw, through, track, trail

Position: 3

/r/ Characterization:

/r/ Word List: street, strip

Position: F2

/r/ Characterization: Uncontrolled.

/r/ Word List: course

/// Characterization: Something one follows

/// Word List: trail

Appendix IX

Reversal of Phoneme Order

```
/b//d/
Strike/Wound:
         /blVd/ - Noun: blade
         /d//b/ - Verb: dab, daub, daube, drub
Blood:
         /bIVd/: bleed, blood
Combine:
         /bVnd/: band, bind, blend, bond
Group/Amount:
         /b//d/ - Group: band, board, blend, bond, brood, bund
         /d//b/ - Amount: dab
Label:
         /b//d/ - Negative: brand
         /b//d/ - Positive: dibs, dub
Bad:
         /b//d/ - Powerful: bad, bode, brood
         /d//b/ - Weak: drab, dweeb
/b//g/
Covering/Container:
         /b//g/ - Container/Building: burg, bag, brig
         /g//b/ - Clothing: garb
Hold/Detain:
         /b//g/ - Detain: beg, bog, bug
         /grVb/ - Hold: grab, grub
Quantity:
         /b//g/ - Adjective: big
         /g/b/ - Noun, a Thing which is Big: glob, globe, gob
Contentless Talk:
         /b//g/ - brag
/g//b/ - gab
/b//t/
Strike:
         /b//t/ - No Indication of Result: baste, bat, beat, belt, bite, blast, bolt, bunt, bust, butt
         /t//b/ - Results in Injury: stab, stub, (tab)
Classifier/Container:
         /b//t/ - Classifier: bit, bout, byte
         /t//b/ - Container: tub, tube
Negative Person:
         \frac{b}{t} - bat, beast, brat, brute
/b//k/
Container:
         /b//k/ - Contents Emphasized: bank, beak, book, bunk
         /k//b/ - Container Emphasized: cab, cob, crib, cube
Group/Amount:
         /b//k/ - Amount: bank, bloc, block, book, brick, buck, bulk
         /k//b/ - Group: club
Remain Stationary:
         /b//k/ - Voluntary: bake, bask
         /k//b/ - Involuntary: crib, curb
Stop/Inhibit:
```

/b//k/ - Stops a Process from Starting: back, balk, bilk, black, blank, bleak, blink, block, bosk, brake, break,

```
broke, brook, brusque
         /k//b/ - Limits an Ongoing Process: curb, scab
<u>Speed</u>:
         /b//k/ - bike, brink, brisk, brook, brusque
Language:
         /b//k/ - Speech: bark, beck
         /sk//b/ - Writing: scribe, squib
/b//f/
Dysfunction:
         /b//f/ - Barrier Broken: barf
         /f//b/ - Misstep: flub
Quantity:
         /b//f/ - Strong: beef
         /f//b/ - Weak: flab
Deceit:
         /b//f/ - Block Understanding: bluff
         /f//b/ - Misdirect Understanding: fib
/b//T/
Нарру:
         /b//T/ - No Longing: blithe
         /T//b/ - Longing: throb
/b//s/
Hierarchy:
         /b//s/ - Superior: boss
         /s//b/ - Inferior: sub
Emotion:
         /b//s/ - Joy: bis, bless, bliss
         /s//b/ - Sorrow: sob
/b//S/
Bushy:
         /b//S/ - Ill Defined Shape: brush, bush
         /b//S/ - Clear Outline: shrub
/b//J/
Push:
         /b//J/ - The Object Touched Moves: barge, budge
         /J//b/ - The Object Touched Remains Stationary: jab
Protruding Shape:
         /bVIJ/ - Bulge: bilge, bulge
         /J//b/ - Back and Forth: jib, jibe
Nonsense:
         /b//J/ - bilge
         /J//b/ - gibe
/b//m/
Explosion:
         /b//m/ - Explosive Noise: bam, bomb, boom
         /m//b/ - Explosive Quantity: mob
/b//n/
Bump:
         /b//n/ - Free-Standing: bean
         /n//b/ - Part of Another Object: knob, neb, nib, nub
Interference/Impediment:
```

```
/b//n/ - Problematic, Render to Nothing: ban, bane, bone, burn
         /blVn/[+dental] - Contentless: blanch, bland, blind, blond, blunt
         /snVb/ - Superior, Perceive as Nothing: snob, snub
Acquisition/Binding:
         /b//n/ - Come without Effort: boon
         /bVnd/ - Held in Place Perpetually: band, bind, blend, bond
         /n//b/ - Take: nab
/b//l/
Execution:
         /b//l/ - Overcoming a Barrier: bold
         /l//b/ - No Barrier to Overcome: glib
Group/Amount:
         /b//l/ - Unintentional : blob, bloc, block
         /k//l/ - Intentional Membership: club
         /b//l/ - Growth: bloat, bloom, blouse, blow, build, bulge, bulk
         /l//b/ - Fat: flab
Criticism:
         /b//l/ - Criticize: bawl, bilge, blame, blast
         /l//b/ - Person: plebe, slob
Error:
         /b//l/ - No Second Chance: blank, blotch, blow
         /l//b/ - Potential for Retry: flub
Emptiness/Blank:
         /b//l/ - bilge, blank, blur
Bulge:
         /b//l/ - Hollow: bale, ball, bell, bilge, birl, blimp, blip, bloat, blouse, blow, boil, boll, bowl, bulge, burl
         /l//b/ - Solid: glob, globe, lob, lobe
         /bl//b/ - blob, bulb
/b//r/
Brushy:
         /b//r/ - Unformed: beard, birch, braid, bran, branch, broom, brow, brush, bur, burr
         /r//b/ - Clear Outline: shrub
         /br//b/ - barb
Heat/Light:
         /b//r/ - Heat: braise, brand, braze, brew, bright, broil, broth, brown, burn
         /r//b/ - No Heat: strobe
Strong/Support
         /b//r/ - Carries Weight: bar, barge, bear, bier, board, brawn, breech, brick, bring, brunt
         /r//b/ - Doesn't Carry Weight: rib
Emptiness
         /b//r/ - Blind/Empty: bare, blear, blur, bore, braille
         /r//b/ - Steal/Take: grab, grub, rob
Derogatory Terms for People
         /b//r/ - Aggressive: bear, boar, boor, bore, brash, brat, brute
         /r//b/ - Weak or Complaining: crab, drab
Containers
         \overline{/b}//r/ - Large: barge, barn, berth, brig, burg
         /r//b/ - Small: crib
Energetic:
         /b//r/ - Extroverted: brave, bright, brisk, brusque
         /r//b/ - Introverted: throb
Groups
         /b//r/ - brand, brood
         /r//b/ - tribe
Strike/Break
```

```
/b//r/ - Breakage: breach, break, brief, browse, bruise, burn, burst
         /r//b/ - No Breakage: drub, probe, rub, scrub
/d//p/
Water
         /d//p/ - Downward: damp, deep, dip, drip, drop
         /p//d/ - Lake: pond
Down
         /d//p/ - Drop: deep, dip, drape, droop, drop, dump
         /p//d/ - Step/Pound: pad, plod, pound
Hierarchy
         /d//p/ - Trick: dope, dupe
         /p//dp/ - Pride: pride, proud
/d//t/
Immobility
         /d//t/ - Inhibited: daunt, dent, doubt, drat, drought
         /t//d/ - Steadfast: stand, staid, stead
Strength
         /d//t/ - Ability: deft, dint, droit
         /t//d/ - Strength: steed, stand, stud
Motion
         /d//t/ - Response to an Existing Process: dart, draft, drift, duct
         /t//d/ - Walk: stride, tread
Derogatory Terms for People
         /d//t/ - Inept: daft, dolt
         /t//d/ - Unpleasant: toad, turd
Money
         /d//t/ - Debt: debt
         /t//d/ - Trade: trade
Location/Earth
         \sqrt{d//t/} - Earth: dirt, dust
         /t//d/ - Location: stand, stead
Future
         /d//t/ - Romance: date, dote
         /t//d/ - Tendency: tend, tide, trend
Amount
         d/t/ - dit, dot
         /t//d/ - Part of Something Else: strand, tad
/d//k/
Container:
         /d//k/ - Container: deck, desk, dike, disc, disk, dock
         /c//d/ - Cluster: clod, cloud, crowd, squad
Water
         /d//k/ - dank, drink, dunk
         /k//d/ - cloud
Cold/Dark
         \overline{d/k} - Dark: dank, dark, dusk
         /k//d/ - Cold: cloud, cold
         /d//k/ - For Striking/Penetrating: dick, dirk, duke
         /k//d/ - For Binding: cord
Dirt:
         d/k - dank, dreck
         /k//d/ - crud, crude, cud
Derogatory Terms for People:
         /d//k/ - Stupid: dork
```

```
/d//v/
Absence:
         /d//k/ - Seeking: delve, dive, drive
         /d//k/ - Many: drove
         /k//d/ - Nothing: void
/d//f/
Emptiness/Absence:
         /d//f/ - Something is Missing: dwarf, deaf
         /f//d/ - Something Disappears: fade
Friendship:
         /d//f/ - Expression of Feeling: doff
         /f//d/ - Feeling of Fondness: fad, fond, friend
/d//T/
Paucity
         /d//T/: dearth
         T/d - thread
d/s
Dirt/Earth:
         /d//s/ - Dirt: dross
         /s//d/ - Earth: sand, sod
Appear/Disappear:
         \sqrt{d/s} - Disappear: dose, douse, dress
         /s//d/ - Appear: sand, seed, sod
Water and Limitation
         /d//s/ - Water Limits: dowse
         /s//d/ - Water is Limited: sound
/d//S/
Breakage:
         /d//S/ - Break: dash
         /S//d/ - Result of Breakage: shard, shred
Container/Cover:
         /d//S/ - Container: dish
         /S//d/ - Cover: shade, shed, shield, shroud
Rid/Shed:
         d/S/ - dash, dish, douche
         S/d - shed
/d//m/
Gloomy
         /d//m/ - State of the World: dam, damn, dim, doom, dumb
         /m//d/ - State of Mind: mad, mind, mood
By Which Things Are Contained or Measured:
         /d//m/ - Container/Amount: dime, dorm, dram
         /m//d/ - Modus: mod, mode, mood
Bulge:
         /d//m/ - dome
         /m//d/ - mound
Mind:
         /d//m/ - Activities of the Mind: deem, dream, drum
         /m//d/ - The Mind Itself: mind
```

Women:

/d//m/ - Mistress: dame

```
/m//d/ - Servant: maid
Change:
         /d//m/ - Destroy: damn, doom
         /m//d/ - Mend/Make: mend, mind, mold
/d//n/
Down:
         /d//n/ - Water: down, drain, drown, drench
         /n//d/ - No Water: nod
Tired:
         /d//n/ - Make Tired: down, drawn, drone
         /n//d/ - Become Tired: nod
Negative:
         /d//n/ - darn
         /n//d/ - snide
Mound:
         /d//n/ - dune
         /n//d/ - node
Beginnings:
         /d//n/ - Begin: dawn, deign, don
         /n//d/ - Consent: nod
         d/n/ - dine, dint, drench
Insufficiency:
         /d//n/ - daunt, dent, dense
         /n//d/ - need, nude
/d//l/
Land:
         /d//l/ - Valley: dale, dell
         /l//d/ - Land: glade, land
Burden With/Give:
         /d//l/ - Distribute, Direct Object is Active: deal, dole
         /l//d/ - Combine, Direct Object is Passive: blend, flood, lade, land, lead, lend, load, lode
Talk:
         /d//l/ - Talk About: deal, delve, dwell
         /l//d/ - Request: plead
Motion:
         /d//l/ - Dig: delve, drill
         /l//d/ - Lead, Walk, Slide: glide, lead, plod, sled, slide
Flow:
         /d//l/ - drool
         /l//d/ - bleed, cloud, flood
People:
         /d//l/ - doll
         /1//d/ - lad, lord
Talk:
         /d//l/ - Prolonged, Repetitious: drawl, drill
         /l//d/ - Something to Say: plead
Extroverted:
         /d//l/ - droll
         /1//d/ - laud, loud
Negative:
         /d//l/ - Dull: dolt, droll, dull
         /bl//d/ - Blank: bland, bleed, blind, blond
/d//r/
```

/d//r/ - Insufficiency: dark, darn, dearth, dirge, dirt, drab, drag, drain, drat, drawn, dreck, dredge, dregs, dross,

Negative:

```
drought, drudge, dry
         /r//d/ - Unpleasantness: brood, crud, crude, fraud, grind, rude, shrewd
         \frac{dr}{dr} - dread
Motion:
         /d//r/ - Agentive Subject: dart, draft, drag, draw, drift, drive
         /r//d/ - Passive Subject: ride, round
Strike/Touch:
         /d//r/ - Strike: darn, dart, dirk, drill, drub
         /r//d/ - Destroy: grind, rend, shred
Cover:
         /d//r/ - Prepare for: dress
         /r//d/ - Hide Away: rind, round, shroud, spread
Drag:
         /d//r/ - draft, drag, draw, dredge, drive
Group:
         r/d - breed, bride, brood, spread
<u>Land:</u>
         /r//d/ - ground, road, strand
Power:
         /d//r/ - Action: draft, drench, drive, drown
         /r//d/ - Quality: broad, grand, pride, proud, round, spread, stride
Quantity:
         /d//r/ - drove
         /r//d/ - brood, crowd, grid, round
Read/Write:
         \( \d//r/ - Write: draw
         /r//d/ - Read: read
Flowing Water:
         \sqrt{d/r/r} - drain, dram, drape, draw, dregs, drench, drink, drip, drool, droop, drop, drown
Spread/Separate:
         \sqrt{r/d/} braid, frond, spread
Containers/Divisions:
         /d//r/ - Containers: door, drawer
         /r//d/ - Divisions: brand, creed, grade, grid, round
Нарру:
         /d//r/ - dear, dream, droll
         /r//d/ - bride, friend
Insufficiency:
         /d//r/ - Danger, Lack: dare, dire, drought, drown, dry
         /r//d/ - Leave Behind/Abstain: ground, prude, strand
         /r//d/ - Take: fraud, greed, raid, rid
Sleep/Wake:
         /d//r/ - Sleep: dream, drowse, drug
         /r//d/ - Make Active: prod, rod
/g//p/
Grasp/Plug
         /g//p/ - Grab from Behind: grasp, grip, grope
         /p//g/ - Plug from the Front: peg, plug
Negative
         /g//p/ - Grumpy: gripe, grump
         /p//g/ - plague, prig
Hole:
         /g//p/ - Gap: gap, gape, gulp
Stick:
         /p//g/ - peg, (pug), sprig
Take In
         /g//p/ - Take In: gasp, gulp
```

```
/p//g/ - One Who Takes In: pig
Limp
         /g//p/ - gimp
         /p//g/ - peg
/g//t/
<u>Take/Get</u>
         /t//g/ - Compulsion: tag, tug
/g//k/
<u>Negative</u>
          /g//k/ - More Unpleasant: gawk, geek, gink, gook, guck, gunk
         /k//g/ - Merely Messy: clog, scrag
/g//f/
Stop
         /g//f/ - Grasp: gaff
         /f//g/ - Block: flag, fog, frog
Strike
         /g//f/ - golf
/f//g/ - flog
Negative
         /g//f/ - Ridiculous: gaff, gaffe, goof, guff /f//g/ - Feminine: fag
Grid/Weave
         /g//f/ - Flat: glyph, graph
         /f//g/ - Linear: fugue
/g//J/
Back and Forth Motion
         /g//J/ - Strike: gorge, gouge
         /J//g/ - No Physical Contact: jag, jig, jog
/g//m/
Ďirt
         /g//m/ - Sticky: gaum, glom, grime, gum
         /m//g/ - Hazy: smog
Happy
         /g//m/ - Light, No Condescension: gleam, glim
         /m//g/ - Condescension: smug
Gloomy
          /g//m/ - gloom, glum, grim
         /m//g/ - morgue
/g//n/
Give/Receive
         /g//n/ - Get Freely: gain, glean
         /g//n/ - Give Freely: grant
         /n//g/ - Involve Force: nag, snag, snug
Complaint
         /g//n/ - No Attempt to Get Anything: groan, grunt
         /n//g/ - Try to Get Something: nag
/g//l/
Symbol
         /g//l/ - At the End, Goal: goal, grail
         /l//g/ - flag
```

```
<u>Sad</u>
         /g//l/ - Ugly, Gloomy: gall, ghoul, glob, glom, gloom, glop, glum
         /l//g/ - Slowed Down: clog, flag, lag, log, lug, plague, slag, slog
Sticky/Blocked
         /g//l/ - Sticky: glob, glom, glop, glue
         /l//g/ - Blocked: clog, plug
Take/Receive
         /g//l/ - No Force: glean, glib, glyph, gulp
         /l//g/ - Force is Implied: flag, lag, lug
Guilt
         \frac{g}{l} - guile, guilt
Error
         /g//l/ - Problem with the Thing Acted on: glitch
         /l//g/ - Problem with the Person Acting: flag
Discontent
          /g//l/ - Threaten or Bother: grille, growl
         /l//g/ - Strike: flog, slug
Group
          /g//l/ - Voluntary Membership: guild
         /l//g/ - Involuntary Membership: league
Motion
          /g//l/ - Smooth: glide
         /l//g/ - Encumbered: lug
/g//r/
Crest/Cavity
         /g//r/ - Cavity: gorge, grave, groin, groove
         /r//g/ - Crest: crag
Negative
         /g//r/ - Sorrow or Anger: gore, grave, gray, grief, grieve, grim, grind, gripe, grit, groan, gross, grouch, grouse,
         growl, grudge, grue, gruff, grump, grunt
         /r//g/ - Encumber or Unconcerned: drag, drug, rag, rogue, scrag, shrug
Grasp/Block
         /g//r/ - Take: gird, gorge, grab, graft, grasp, graze, greed, grift, grip, grope, grout, grub, guard
         /r//g/ - Hinder: drag, frog, rag, rug
Plant
         /g//r/ - Grain: graham, grain, grass, graze, grist, grits, groats
         /r//g/ - Not Grain: sprig
Preparation
         /g//r/ - General Preparation: gear, gird, grease, greet, groom, ground, grow
         /r//g/ - Preparation for a Specific Event: rig
Dirt
          /g//r/ - Dirt Itself: grease, grime
         /r//g/ - For Cleaning Dirt: rag, rug
Greatness:
         /g//r/ - Greatness Itself: grand, great, grin, grit
         /r//g/ - Condescension: brag, rag
         /gr//g/ - grig
Grid
          /g//r/ - Symmetrical: graph, grate, grid, grill, grille
         /r//g/ - Unsymmetrical: rig
/p//t/
Put
         /p//t/ - Hands: paint, paste, plant, port, post, print, put, splint
         \sqrt{t//p} - Feet: stamp, step, stomp, tamp, tramp, trip, tromp, troop
Fall/Incline
         /p//t/ - Spit: spit, splat, spout, sprout, spurt
```

```
/t//p/ - Incline: steep, step, stoop
Energy
         /p//t/ - Free: pant, pert, prompt, sport, sprint, sprite, sprout, spurt
         /t//p/ - Confined: strap, stop, tape, trap, trip, trump
Touch/Strike
         /p//t/ - Intention of Contact Not Specified: pat, pelt, pet, print, punt, putt
         /t//p/ - Contact Has Specific Intent: strap, tap, type
Point
         /p//t/ - Unconnected Point: pit, point, spot
         /t//p/ - Point Which is Part of Something Else: tip, top
Long/Thin
         /p//t/ - Free-Standing Post: post, spit, sprit
         /t//p/ - Part of Something Else: stipe, strap, strip, stripe, stump
Separate/Keep Together
         /p//t/ - Separate: part, split
         /t//p/ - Keep Together: strap, tape, trap
Land
         /p//t/ - Area Simply: part, plate, plot
         /t//p/ - Land with Specific Characteristics: steppe
Back and Forth
         /p//t/ - Horizontal: plait, pleat
         /t//p/ - Vertical: step
Irritate
         /p//t/ - Push Toward Something: pest, pit, point
         ^pl//t/ - Anticipate Something Coming: plant, plot
         /t//p/ - Draw Toward Something: tempt
p/k
Container/Keep/Stay
         /p//k/ - Put Something Somewhere: pack, park, plunk
         /k//p/ - Stay or Keep: camp, coop, crypt, keep
Vertical Motion
         /p//k/ - Downward, Away from Self: plunk, puke
         /k//p/ - Upward, Toward Self: cup, scoop
Take/Pick
         /p//k/ - Acquire Something One Does not Possess: peck, pick, pike, pluck, poke, prick
         /k//p/ - Retain Something One Already Possesses: clamp, clasp, clip
Cut
         /p//k/ - With a Long, Pointed Object: peck, pike, poke, prick
         /k//p/ - With a Blade: clip, crimp, crop, scrape, sculpt
Strike
         /p//k/ - Punishment Implicit: spank
         /k//p/ - No Intent Implicit: clap, clop
Spike
         /p//k/ - Point: peak, pick, pike, spike, spoke
Curve
         /k//p/ - Curve: cape, cusp, scarp
<u>Spot</u>
         /p//k/ - pock, puck, spark, speck
Crumple
         /k//p/ - clump, cramp, crimp, crump
Broad and Flat
         /p//k/ - Simply Broad and Flat: plank, plaque
         /k//p/ - Insight Implied: scope
Energy
         /p//k/ - peak, perk, pique, spark, spunk
Cut Short
         /k//p/ - clip, scrap, scrimp, cop, skimp, skip
```

```
Trick
         /p//k/ - peek, prank
         \frac{1}{k}//p/ - scalp
Derogatory Terms for People
         /p//k/ - pink, prick, punk, spic, spook
         /k//p/ - creep, scamp
Language
         /p//k/ - speak
         /k//p/ - quip, script
/p//z/
<u> Ŝtop</u>
         /p//z/ - Something is Motionless: pause, poise, pose
         /z//p/ - Something Disappears: zap
/p//f/
Bulge or Wave
         /p//f/ - Bulge: puff
         /f//p/ - Wave: flap, flip, flop
/p//s/
Put/Soak Up
         /p//s/ - Put: pass, place, press, space, splice
         /s//p/ - Speak Up: sump, sap, seep, sip, soap, sop, soup, sup
/p//S/
Contact
         /p//S/ - Press with the Palm: plash, push, splash
         /S//p/ - Move Something from One Place to Another: schlep, ship, shop
Fancy
         /p//S/ - Upper Class: plush, posh
         /S//p/ - Stylish: sharp
/p//J/
<u>Ĵump</u>
         /p//J/ - Down: plunge
         J//p/ - Up: jump
Steal
         /p//J/ - No Deceit: sponge
         /J///p/ - Deceit: gyp
/p//C/
<u>Ŝtrike</u>
         /p//C/ - With the Hand: pinch, punch
         /C//p/ - With a Cutting Edge: champ, chip, chomp, chop
Apply Heat
         /p//C/ - Heat the Surface: parch, poach
         /C//p/ - Break the Surface: chap
Sound
         /p//C/ - Language: preach, speech
         /C//p/ - Birds: cheep, chirp
/p//m/
/p//m/ - palm, plume
         \frac{m}{p} - mop
Take Up
         /p//m/ - Pump out of Something: plumb, prime
```

```
/m//p/ - Soak into Something: mop
Prime
         /p//m/ - prim, prime, prom
Understanding
         /p//m/ - plumb
         /m//p/ - map
/p//n/
Put
         /p//n/ - Put X on Y: pin, paint, plant, print, splint
         /n//p/ - Put X and Y Together: snap
Strike/Take
         /p//n/ - Hit: pinch, pounce, pound, prance, print, punch
         /n//p/ - Acquire or Destroy: nip, snap, snip, snipe
End/Stop
         /p//n/ - Something is Rendered to Nothing: pant, punt, spend
         /n//p/ - Nothingness is Primary: nap, nope
/p//l/
Difficulty
         /p//l/ - Trouble: plague, plague, plight
         /l//p/ - Failure: flop, limp, lisp, slump
Missing
         /p//l/ - Blank: pale, pall, plain
         /l//p/ - Limp, Relaxed: lapse, lax, limp, slip
Plump
         /p//l/ - No Outer Cover or Membrane/Solid: pelf, pile, plush
         /l//p/ - Hollow with Membrane: blimp
         /pl//p/ - Solid Interior with Outer Cover: plump, pulp
Fasten:
         /p//l/ - Block: plug
         /l//p/ - Clamp: clamp, clasp, clip
Circular
         /pl/ - Intertwined: plait, splice, splint
         /pVl/ - Ongoing: purl, spool
         /1//p/ - Single: loop
Strike
         /pl/ - Abrupt Onset, Encounters Resistance: plash, plod, plow, splash, splat
         /pVl/ - Ongoing, Abrupt Onset: peal, pelt, pulse
         /l//p/ - Abrupt Ending: clap, clip, clop, flap, flip, flop, lop, slap
         /p\bar{l}//p/ - plop
Water
         /p//l/ - Splatter, Spread Outward: plash, spill, splash, splat, splay, splotch
         /l//p/ - Ûnpleasant, Lands on One Spot: glop, slop
Put
         /p//l/ - Intentional: place, plant, plod, plow, plug, plunge, plunk, splurge
         /l//p/ - Random, Clumped Together: clump, glop, lump, slop
         /p\hat{l}//p/ - plop
Walk
         /p//l/ - Balanced: plod, plow, prowl, pull
         /l//p/ - Bouncy or Unbalanced: limp, lope, schlep
Work/Relax
         /p//l/ - Work: ploy, ply
         /l//p/ - Relax: lap, luxe, sleep, slump
Pull/Suck
         /p//l/ - Pull: peel, pluck, plumb, poll, pool
         /1//p/ - Suck: lap, slurp
Carry
```

```
/p//l/ - Dragged Behind: pull
         ll//p/ - Lifted Up: schlep
Separate
         /p//l/ - peel, plow, pluck, split, sprawl
Plane/Loop
          /p//l/ - Plane: place, plan, plane, plank, plant, plate
         /l//p/ - Loop: flip, leap, lip, loop, lop
/p//r/
Group
         /p//r/ - Two: pair, par, peer, per, spare
         /r//p/ - More than Two: crop, group, troop, troupe
Best
         /p//r/ - prime, prince, prize, pro, prof, prom, pure
         /r//p/ - trump
<u>Cut</u>
         /p//r/ - Destructive: pare, pierce, spar, sprain
         /r//p/ - Constructive: crop, rasp, reap, rip, scrape
Separate/Bring Together
         /p//r/ - Separate: parse, part, purge, spurn
         /r//p/ - Bring Together: grasp, grip, grope, rape, reap
         /p//r/ - Spread: sprawl, spray, spread, spring, sprout, spurt
         /r//p/ - Cramp: cramp, crimp, crump, scrimp
Creep
         /r//p/ - Occurs in a General Area, Location Forms the Backdrop: prowl
         /r//p/ - Destination or Purpose Implicit: creep
Other Motion
         /pVr/ - Conveyance Across: port
          /pr/ - Powerful Departure from a Specific Point: prance, spring, sprint
         /r//p/ - Heavy Landing: romp, tramp, trip, tromp, troop
<u>Put</u>
         /p//r/ - Destination Emphasized: pour, press, prick, print, probe, prod, spray
         /r//p/ - Destination Not Emphasized: rap, rape, rasp, scrape, strap, tramp, tromp
Long, Thin
          /p//r/ - Stiff, Hard: probe, prod, prong, prow, spar, spear, sprig, sprit
         /r//p/ - Loose: rope, strap, strip, stripe
Stasis
         /p//r/ - Put Something Somewhere: park, perch
         /r//p/ - Internal: rapt
Platform
         /p//r/ - Entry: pier, porch, port
         /r//p/ - Incline: ramp
Preparation
         /p//r/ - Bring Something About, Activity: perch, preen, prone, spare, spruce
         /r//p/ - Quality, Already Brought About: ripe
         /pr//p/ - prep, primp, prop
Growth
          /p//r/ - Sow: sperm, spore, spring, sprout
         /r//p/ - Reap: crop, reap, ripe
Start/End
         /p//r/ - Start: prompt, spark, sperm, spur
         /r//p/ - End: drop, scrap, strip
Energy
         /p//r/ - Beginning or Middle of a Process: perk, pert, prance, prod, prompt, spark, sport, spring, sprint, sprite,
         /r//p/ - Result of a Process: crisp, ripe
Concerning Unknowns
```

```
/p//r/ - Disclosed: proof, prove, probe, pry
         /r//p/ - Kept Secret: crypt
Negative Person
         /p//r/ - Victim: poor, prey
         /r//p/ - Unpleasant Person: crap, creep, frump, gripe, grump, scrap, shrimp, tramp
Lack of Money
         /p//r/ - Quality: poor, spare, sparse
         /r//p/ - Activity: scrape, scrimp
Language
          /p//r/ - On the Fly: praise, prate, pray, prayer, preach, proof, prose, prove
         /r//p/ - Prepared in Advance: script
Growth/Decline
         /p//r/ - Growth: spring, sprout, spurt
         /r//p/ - Decline: drape, drip, droop, drop, ramp, trip
         /p//r/ - Quality of a Person: prig, prim, prude, prune
         /r//p/ - Implement Which Constricts: rope, strap, trap, wrap
Point
         /p//r/ - Stationary: pearl, pore, sperm, spore, sprat
         /r//p/ - Dynamic: drop
/t//k/
Container
         /t//k/ - Large: tank, trunk
         /k//t/ - Medium or Small: cast, cot, crate, cunt, quart
Vehicle
         /t//k/ - Strong: tank, truck
         /k//t/ - Light or Make-Shift: cart, craft, craft
Motion
         /t//k/ - Distance Traversed Is Emphasized: streak, track, trek, truck
         /k//t/ - Means of Locomotion Emphasized: cart, cast, coast, crate, scat, scoot, scout, skate
Take/Gather
         /t//k/ - Fastening: tack, take, tuck
         /st//k/ - Storage: stack, stock, stoke
         /k//t/ - Clotting, Cohesion: cast, cleat, clot, crust
Strength/Power
         /t//k/ - Physical Strength: stark, stock, stroke, torque
         /k//t/ - Political, Social or Moral Power: caste, Christ, clout, count, court, crust, cut
         /t//k/ - strike, stroke, tack, tuck, tweak
Project
         /k//t/ - cast, squirt
Cut Short
         /k//t/ - curt, cut, quit, quite, scant, squint
Crafty
         /t//k/ - Concerns a Specific Event: stack, take, trick, tweak
         /k//t/ - craft
Littleness
         /t//k/ - stork, tyke
         /k//t/ - cute, quaint, squirt
Language
         /k//t/ - quote
/t//v/
Keep/Release
         /t//v/ - Keep: stave
         /v//t/ - Release: vent
```

```
Container
          /t//v/ - stove
          /v//t/ - vat
Quantity
          /t//v/ - trove
          /v//t/ - vast
/t//f/
Tough/Fight
          /t//f/ - Tough: stiff, strife, tiff, tough
          /f//t/ - Fight: feat, fight, fist
Hardened
          /f//t/ - frost
Stuff/Fit
          /t//f/ - Container is Figure: staff, stuff
          /f//t/ - Container is Ground: fit
/t//s/
Stasis
          /t//s/ - stance, truss
          /s//t/ - fast, frost, last, mist, nest, paste, post, rest, roost, rust, sate, seat, set, sit, site, staid, stale, stall, stance, stand,
          star, starch, stare, starve, stash, state, staunch, stave, stay, stead, steep(tea), stem(tide), stern, stew, stick, stiff, still,
          stilt/ed, sting, stint, stone, stop, strain, strand, strap, strict, strike, strip, strong, stub, stuff, stump, stun, stunt
Tense
          /t//s/ - stress, task, tax, tense, terse
          /s//t/ - stern, strain, stress, stretch, strict, strife, strive, sweat
Completion
          /t//s/ - Ending: taps
          /s//t/ - Inhibit: starve, stave, still, stop, strand, strap, strike, strip, stump, stun
Test/Seek
          /t//s/ - taste, test, trace
          /s//t/ - scout, stalk
Language
          /t//s/ - text
          /s//t/ - cite, script, state
Disapproval
          /t//s/ - Mere Disapproval: tisk
          /s//t/ - Exercises Power: stern, strict
Appealing
          /t//s/ - toots
          /s//t/ - style, suit, suite, sweet
Toss/Spurt
          /t//s/ - Goal Is Specified: toss
          /s//t/ - Goal Not Specified: salt, snort, spit, splat, spout, sprout, spurt, squirt, stool, strew, sweat
Trance/Stun
          /t//s/ - Self-Induced: trance
          /s//t/ - Exercises Power: still, stop, strap, stump, stun
Long/Thin
          \overline{/t}//s/ - tress
          /s//t/ - splint, sprit, staff, stake, stalk, stem, stick, stilt, stipe, stitch, straight, strait, strand, strap, straw, streak,
          stream, street, stretch, string, strip, stripe, strobe, stroke, strum
Strike/Stamp
          /t//s/ - trounce
          /s//t/ - smite, stamp, stomp, strike, stroke, strum, stub, swat
Trust/Foundation
          /t//s/ - Trust: truce, trust, tryst
          /s//t/ - Foundation: stage, stake, stalk, stance, stand, state, stem, stilt, stipe, stool, stump
```

```
/t//S/
Get Rid Of/Set Aside
         /t//s/ - Object Set Aside is Stationary: stash, trash
         /s//t/ - Object Set Aside is in Motion: shit, shunt
Quell/Silence
         /t//S/ - Temporary: tish, tush
         /s//S/ - Long Term: shut
/t//J/
Comic
         /t//J/ - stooge
         /J//t/ - jest
A Taste Of
         /t//J/ - Static, Concerning Sensations: tinge, twinge
         /J//t/ - Dynamic, Concerning Thought or Action: gist, just
/t//C/
Strong/Staying Within the Boundaries
         /st//C/ - Strong: staunch
         /C//st/ - Clean: chaste
Deceit
         /t//C/ - stretch
         /C//t/ - cheat
Language
         /t//C/ - teach
         /C//t/ - chat
/t//m/
Water
         /st//m/ - At the High Point: steam, storm, stream
         /m//t/ - Transition, On the Boundary: melt, mist, moat, moist, smelt
Group/Gathering
         /t//m/ - Many Already Gathered: team, teem
         /m//t/ - Beginnings: mate, meet, milt, mount
Touch/Strike
         /t//m/ - Directed Toward a Future Goal: steam, storm, tame, trim
         /m//t/ - For Something in the Past: mete, smite
Muchness
         /t//m/ - Dynamic: steam, stream
         /m//t/ - Štatic: meat, might, most
Smallness/Ending
         /t//m/ - Conclusion: term, tomb
         /m//t/ - Small, Silent, Irrelevant: mite, moot, mote, mute
Limitation
         /t//m/ - tame
         /m//t/ - might, must
Lose Feathers/Hair
         /t//m/ - trim
         /m//t/ - molt
Begin
         /t//m/ - stem
         /m//t/ - mount
/t//n/
Quantity
         /t//n/ - Ten, Two: teen, ten, ton, twain, twin
         /n//t/ - Nothing: naught, not
```

```
Knot/Twisting
          /t//n/ - turn, twine
          /n//t/ - Net: net, knit, knot
Container
          /t//n/ - stein, tin, tun
          /n//t/ - Small: nest, nut
Music
          /t//n/ - Emphasis on the Sound: strain, tone, tune
          /n//t/ - Emphasis on the Location: note
Absence/Nothingness
          /t//n/ - Bring to Nothing/Blankness: stone, stun, trance
          /n//t/ - Nothingness Itself: night
Direction/Tendency
          /t//n/ - Direct: train
          /t//n/ - Tendency, Taste of: taint, taunt, tend, tinge, tint, trend, twinge
          /n//t/ - Succession: next
Get Rid Of/Set Aside
         /t//n/ - stern, strain, tense
          /n//t/ - snit
/t//l/
Turn/Slant
          /t//l/ - Turn: till, tilt, trill, troll, twill, twirl
          /1//s/ - Slant: slant
Sound
          /t//l/ - Ongoing: trill, troll
          /l//t/ - Limited in Time: blast, bleat, blurt, flirt
Effort/Trouble
          /t//l/ - Effort: till, toil, tool
         /l//t/ - Trouble: blight, blot, flat, least, plight
Negative Person
          /t//l/ - troll
         /l//t/ - lout, slut
Destruction//Discontinuance
          /st//l/ - Loses Momentum Inwardly: stale, stall, still
          /l//t/ - Impaired from Without: blast, blot, blunt, clot
Take
          /t//l/ - steal, toll, trawl
          /l//t/ - lift, loot
Tall/Flat
          /t//l/ - Tall: stilt, tall
          /l//t/ - Flat: flat, plate, pleat, slate
Long/Thin
          /t//l/ - tail
          /1//t/ - flute, pleat, slat, slit, slot, splint
Motion
          /t//l/ - On Earth: steal, stroll, trail
         /l//t/ - Upward: fleet, flight, flit, float, lift, light, loft
Follow/Remain
          /t//l/ - Follow: tail, trail, trawl
          /1//t/ - Remain: last, list
Ending 1 4 1
          /t//l/ - tail, till
         /l//t/ - last, late, least, left, lest, Lent, let, slight
Foundation
          \overline{/t}/l/ - Turn: stile, stilt, stool
Cunning
          /t//l/ - Implies a Goal: steal, stealth
```

```
/l//t/ - No Goal Implied: glint, gloat, sleight
Approach to Something
          /t//l/ - style
/l//t/ - slant
Showing Off
          /t//l/ - style
          /l//t/ - clout, flaunt, flirt, flout, glint, gloat
Enjoyment
          /t//l/ - Turn: style, troll
          /l//t/ - flirt, float, glint, gloat, lift, light, lilt, lust
/t//r/
Linear
          t/t/r/ - stair, strand, strap, straw, streak, stream, stretch, stripg, stripg, stripg, strobe, track, trail, train, tree,
          trench, tress, trough, trunk
          /r//t/ - sprit
/tr//t/ - straight, strait, street
Steer. Trace vs. Root Brunt
          /t//r/ - Steer/Trace: steer, trace, track, trail, train, trawl, tree(v), trend, turn
          /r//t/ - Root/Brunt: brunt, Christ, crest, fruit, root, sprout, thrust
          /t//r/ - Simply Exists: stair, stream, street, stretch, strip, track, trail, trench, trough
          /r//t/ - Directed to a Place: route
Cunning
          /t//r/ - Single Event: trap, trick, trip, turn
          /r//t/ - Capacity: craft, droit, grift
Motion
          t/t/r/ - stray, streak, stream, stride, strike(out), stroll, strut, tour, train, tram, tramp, trawl, tread, trek, trip,
          tromp, troop, truck, trudge
          r/t/t - crate, draft, drift, freight, raft, rout, sprint
          /tr//t/ - trot
Strapped/Rooted
          /t//r/ - starch, store, strap, tar, term, troth, truss
          /r//t/ - drought, frost, rest, roost, root, rut, thrift
Strict/Rote
          /t//r/ - stern, terse
          /r//t/ - rate, right, rite, rote
          /tr//t/ - straight, strict
Tire/Rot/Rust
          /t//r/ - starve, strand, strike, strip, terse, tire
          r/t/t - drought, frost, roast, root, rot, rout, rust
          /tr//t/ - trite
Trap/Wrest/Root Out
          /t//r/ - strip, trap, trump
          r/t/t - draft, grift, rent, root, rout, wrest, thrift
Tear/Grate
          /t//r/ - tear, trim
          /r//t/ - grate, rift
Strange/Rapt
          \frac{\overline{/t//r}}{r} - stare, stark, strange, strike, trance
          /r//t/ - rapt
Stress/Riot
          /t//r/ - storm, strain, stress, stretch, strife, strike, strive, torque, try
          /r//t/ - grunt, prate, rant, riot, rout
Strong/Bright
          \frac{\overline{t'/r}}{r} - star, stark, strike, strong, torque, troll, trove, trump, trunk, try
          r/t/t - bright, front, grant, great, greet, grist, prompt, raft, rapt, sprite
Frustration
```

```
/t//r/ - strain, stress, strife, tear, tire
          /r//t/ - drat, fret, fright, grate, grunt, rout, rut, threat
Initiation/Creation
          /t//r/ - stir, stork, strike(out)
          /r//t/ - craft, draft, sprout, wright
          /tr//t/ - start
Contact
          /t//r/ - strike, stroke, strum, tramp, tread, tromp, trounce
          /r//t/ - print, thrust /tr//t/ - treat
Which? Words Implying Options
          /t//r/ - stair, strain, term, tier, tract, trade, trend
          /r//t/ - rate, route
          /tr//t/ - trait
Quantity
          /t//r/ - streak, stream, tribe, trick, troop, trope, troupe, trove
          r/t/t - fraught, graft, grant
Turning
          /t//r/ - steer, stir, tire, torque, trade, trill, turn, twirl
          /r//t/ - script, wrest, wrist, writ, write
Light/Fire
          /t//r/ - star, strobe, torch
          r/t/t - bright, drought, frost, roast
Truth/Right
          \frac{1}{t}/r/ - troth, truce, true, trust, tryst
          /r//t/ - Christ, right
Derogatory Terms for People
          t/t/r/ - trash, turd, twerp
          r/t/t - brat, brute, grit, rat, rout, runt, rust
/k//z/
End
          /k//z/ - close
          /z//k/ - zonk
/k//f/
Contact
          /k//f/ - cuff, scuff
          /f//k/ - flick, frisk
Dysfunction/Failure
          /k//f/ - Dysfunction: cough
          /f//k/ - Failure: flunk, fuck
Criticism
          /k//f/ - Frivolous Complaint: scoff
          /f//k/ - Complaint about a Real Problem: flak, frank
Dirt
          /k//f/ - fleck
          /f//k/ - scuff
/k//s/
Closeness/Contact
          /k//s/ - close, coax, crease, cross, crux, kiss
          /s//k/ - seek, sic, sink, soak, suck
Container
          /k//s/ - case, sconce
          /k//s/ - cirque, sac, sack, sconce, sink, sock
Negative
          /k//s/ - Coarse, Concerns Behavior: coarse, crass, curse, cuss, klutz
```

```
/k//S/
Clash/Shirk
         /k//S/ - Bring Together: clash, crash, crush, quash, squash, squish
         /S//k/ - Separate: shake, shirk, shrink, shuck
<u>Negativ</u>e
         /k//S/ - Destroy: crush, squash
         /S//k/ - Great Psychological Upset: shock, shriek
Money
         /k//S/ - cache, cash
         /S//k/ - shark
/k//J/
Reactive Motion
         /k//s/ - cringe
         /k//J/ - jerk`
/k//C/
Destruction
         /k//C/ - By Smashing: clench, clinch, crouch, crunch, quench, scrunch, squelch
         /C//k/ - By Rejection: chuck
Catch/Hold
         /k//C/ - Purpose is to Hold: catch, clinch, clutch, crotch
         /C//k/ - Means is Holding: choke
Mark
         /sk//C/ - scorch, scotch, scratch, sketch
         /C//k/ - chalk, chink
Support
         /k//C/ - Support Underlies the Process: coach, crutch
         /C//k/ - Support Comes after the Process: check
/k//m/
<u>Cover</u>
         /k//m/ - Floats to the Top of a Liquid: cream, scum, skim
         /m//k/ - Attire, Perfume: mac, mask, mink, musk, smock
Dirt
         /k//m/ - Part of Something Else: crumb, scum
         /m//k/ - Not Part of Something Else: muck, smoke
Cunning
         /k//m/ - Action: crime, scam, scheme
         /m//k/ - Quality: murk
Disapproving/Upset
         /k//m/ - Upset: qualm, scream, squirm
         /m//k/ - Disapproving: mock, smirk
Come Together
         /k//m/ - Stays Together: clam, cram
         /m//k/ - Comes Apart Again: smack
Calm/Meek
         /k//m/ - Center in the Self: calm
         /m//k/ - Subordinate: meek, milk
<u>Milk</u>
         /k//m/ - Emphasizes Covering on the Surface: cream, skim
         /m//k/ - The 'Meat': milk
/k//n/
```

/k//n/ - Container: can, conch, cunt, kiln, sconce, skin

Container/Nook

```
/n//k/ - Nook, Corner: nick, nock, nook
Bend/Corner/Crumple
         /k//n/ - Crumple, Turn in on Itself: clench, clinch, cringe, crunch, scrunch, squint
         /n//k/ - Small Crevasse Made by Something Else: nick, nock, nook
Contact
         /k//n/ - Destroy: can, skin
         /n//k/ - Strike: knock, nick
Competence/Ability
         /k//n/ - Knowledge, Concerning the Mind: can, con, keen
         /n//k/ - Concerning Action: knack
Cunning
         /k//n/ - con
         /n//k/ - sneak
Long/Thin
         /k//n/ - skein
         /n//k/ - neck, snake
/k//l/
Cover
         /k//l/ - Protect: clad, cloak, cloth, clothe, clothes, cloud, kilt, quilt, scalp, skull
         /l//k/ - Interfere: blink, block, lock, plaque
Unclarity/Seeking Out
         /k//l/ - Unclear: cloud, clue
         /l//k/ - Seeking Out: flick, lurk, slink
         /k1//k/ - skulk
Negative
         /k//l/ - Comic, Inept: clod, clown, klutz
         /l//k/ - Weak: flak, flunk, lack, leak, schlock, slack
Groups
         /k//l/ - Intentionally Joined: clan, class, clause, clone, club, clump, cult, scale, school
         /l//k/ - Unintentionally Joined: bloc, block, flock
         /kl//k/ - clique
Groups
         /k//l/ - Destroy, Agentive: clip, close, kill, quell, squelch
         /l//k/ - Non-Agentive: black, blank, bleak, lack, lank
Classy
         /k//l/ - Exclusive: class, click, clique, clout, club, cold, cool, cult
         /l//k/ - Non-Exclusive: sleek, slick
Acquisition
         /k//l/ - Item is Kept: call, claim, close, cull
         /l//k/ - Item is Consumed or Expires: lick, pluck, slake
         /k1//k/ - clink
Hold/Natural Attraction
         /k//l/ - Hold: clam, clamp, clasp, claw, cleat, cleave, clench, clinch, cling, clip, clog, close, clot, clump,
         clutch, quill
         /l//k/ - Natural Attraction: like, link
         /kl//k/ - click
Incline
         /k//l/ - cliff, climb, cline, scale
Strike
         /k//l/ - Repetitive Striking of Two Surfaces: clap, clip, clop
         /l/k/ - Object Separated from the Subject: flick, plunk
         /k1//k/ - click
Bend
         /k//l/ - Circle: coil, curl
         /l//k/ - Wave: flex, flux
Learning/Luck
         /k//l/ - Learning: clue, school, skill
```

```
/l//k/ - Luck: fluke, flux, lark, luck
Unhappy/Happy
         /k//l/ - Unhappy: cold, cool, scold, squeal
         /l//k/ - Happy: lark, like, luck
Motion
         /k//l/ - clip, crawl, scull
         /1//k/ - slick, slink
/k//r/
Something Which Holds/Supports/Fastens
         /k//r/ - Hold by Force: cord, crane, crutch, screw
         /r//k/ - Held Naturally: rack
Cover
         /k//r/ - Protective: cork, scar, scarf
         /k//r/ - Decorative: frock
Crush/Shrink
         /k//r/ - By Force: cram, cramp, crimp, crowd, crump, crunch, crush, kern, scrimp, scrunch
         /r//k/ - Freely: shrink
Waves/Curls
         \overline{/k//r} - Thing: crease, crepe, cross, crouch, curb, curl, curve, screw, scroll, square
         /r//k/ - Motion: rock
         /kr//k/ - crick
Area
         /k//r/ - court
         /r//k/ - rink, tract
Container
         /k//r/ - crate, creel, crib, crotch, crypt, quart
         /r//k/ - trunk
         /kr//k/ - crock
Vehicle
         /k//r/ - car, cart, craft
         /r//k/ - truck
Motion
         /kr/ - crate, crawl, cruise, scram
         /k//r/ - cart, course, skirt
         /r//k/ - brisk, streak, trek, truck
Path 1
         /k//r/ - course
         /r//t/ - track
Groups
         /k//r/ - corps, court, crew, crop, crowd
         /r//k/ - trick
Rank
         /k//r/ - People in High Position: Christ, court, cream, crèche, crown, crust
         /r//k/ - Ranks in General: rank
Crime/Evil
         /kr/ - Cunning and Mystery Implied: craft, creep, crime, cringe
         /k//r/ - Carefulness: card, care
         /r//k/ - Surprise: prank, trick
         /kr//k/ - crack, crook
Fear/Anger
         /k//r/ - curse, cry, scare, scorn, scram, scream, squirm
         /r//k/ - risk, shriek
         /kr//k/ - skreak
Acquisition
         /k//r/ - crave, score, scour, screen, scrounge
         /r//k/ - frisk
Kindness
```

```
/k//r/ - care, court, cure
         /r//k/ - stroke
Derogatory Terms for People
         \frac{1}{k}//r/ - card, crab, creep, crumb, queer, squirt
         /r//k/ - freak, prick
         /kr//k/ - crank
Anger/Dismissal
         \sqrt{k//r/} - cross, curse, curt
         /r//k/ - brusque
<u>Trash</u>
         /k//r/ - crap, crud, scrag, scrap, scree
         /r//k/ - dreck
Coarse
         /k//r/ - coarse, crass, crude
Misfit
         /k//r/ - craze, queer
         /kr//k/ - quirk
<u>Strike</u>
         /kr/ - Crumple: crash, crumb, crunch, crush
         /skr/ - Cut Surface: scrape, scratch, scrub
         /k//r/ - Deeper Cut: carve, scar, scorch, scourge
         /r//k/ - Leave Object Struck Intact: prick, strike
Break
         /kr/ - Object is Does Not Lose Its Identity: crop, crunch, crush, screw
         /r//k/ - Ŏbject Is No More: break
         /kr//k/ - crack
Writing
         /k//r/ - Emphasizes the Writing: scratch, scrawl, scribe, script, scroll
         /r//k/ - Emphasizes the Line: streak, stroke
Inanimate Sound
         /k//r/ - Single Thing Collapsed in on Itself: crunch
         /r//k/ - One Thing Strike Another: strike, stroke
         /kr//k/ - crack, creak
Animate Sound
         /k//r/ - croon, cry, scream, screech
         /r//k/ - shriek
         /kr//k/ - croak, screak
End/Destroy
         /kr/ - Destruction: clear, corpse, crash, crunch, crush, scrap, screw
         /r//k/ - brake, break, strike, wreak, wreck
Empty, Few Resource
         /k//r/ - clear, scarce, scrap, scrub
         /r//k/ - broke
Beginning
         /k//r/ - carve, crank, scare
         /r//k/ - brink
         /kr//k/ - crank
Root/Core
         /k//r/ - core
         /r//k/ - trunk
         /kr//k/ - crux, quark
Water
         /k//r/ - squirt
         /r//k/ - brook, drink
         /kr//k/ - creek
/v//s/
```

Competence

```
/v//s/ - verse
          /s//v/ - solve
Service
          /v//s/ - vice
          /s//v/ - serve
Problem
          /v//s/ - vex
          /s//v/ - save, salve, serve, solve
Hold
          /v//s/ - vise
          /s//v/ - sieve
/v//m/
Energy
          /v//m/ - vim
          /m//v/ - move
/v//n/
Long/Thin
          \sqrt{v//s} - vein, vent, vine
          /n//v/ - nerve
/v//l/
Indentation
          /\overline{v}//l/ - vale
          /l//v/ - cleave
Container
          /v//s/ - veil
          /l//v/ - glove
Energy
          /v//l/ - volt
          /l//v/ - live, live, love
/v//r/
<u>Deviate</u>
          /v//r/ - veer
          /r//v/ - rove
Energy
          /v//r/ - verb
          /r//v/ - brave, drive, rave, rev, strive, thrive, trove
          /v//rv/ - verve
Just Beyond Reach
          /v//r/ - verge
          /r//v/ - crave
Competence
          /v//r/ - verse
          /r//v/ - prove
/z//l/
Energy
          /z//l/ - zeal
          /l//z/ - blaze, glans, lase, lens, please
Nothing
          /z//l/ - Quantity: zilch
          /l//z/ - Action: cleanse, close, glaze, lose, please
/z//r/
Climax
```

```
/z//r/ - tzar
          /r//z/ - prize, raise
/f//s/
Waves
          /f//s/ - flex, flounce, flux
          /s//f/ - surf
Well-Being
          \frac{f}{s} - fix
          /s//f/ - safe
Self
          /f//s/ - face
          /s//f/ - self
/f//m/
Fluff
          /f//m/ - Surface: film, foam
          /m//f/ - muff
/f//n/
End/Destroy
          /f//n/ - fence, fend, flinch
          /n//f/ - snuff
Locate
          /f//n/ -find, phone
          /n//f/ - sniff
/f//l/
Fall/Incline
          /f//l/ - Fall: fall, fell, floor, flop
          /l//f/ - Incline: bluff, cliff
Filth
          /f//l/ - Other: filth, flak, flu
          /l//f/ - Excretions: lymph, phlegm, slough
Flight
          /f//l/ - Intransitive: flag, flap, flight, float, flue, fly
          /l//f/ - Transitive: lift, loft
Fluff
          /f//l/ - felt, flax, fleece, floss, frill
          /l//f/ - loaf, phlox
/fl//f/ - fluff
<u>Flat</u>
          /f//l/ - field, film, flake, flat
          /l//f/ - leaf
Happy
          /f//l/ - fall, feel, fill, flair, flare, fleet, flaunt, flip, flirt, floor, flounce, flout
          /l//f/ - laugh, life
<u>Fail</u>
          /f/// - Unsuccessful Project: fail, fall, fault, flag, flaw, flinch, flop, flub, flunk, foil, fold, fool, foul, frail
          /l//f/ - Non-Existent Project: left, loaf
          /f//l/ - Fold: flute, fold, full, furl
          /l//f/ - Crevasse: cleft
False/Unclear
          /f//l/ - False: false, filch, fleece, foil, fool, foul
          /l//f/ - Unclear: glyph
Flap/Throw
          /f//l/ - Flap: flag, flail, flap, flay, flex, flick, flinch, fling, flip, flog, flop, flux
```

```
/l//f/ - Throw: loft, slough
Fly, Float
          /f//l/ - Fly and Float: flight, flit, float, floe, flood, flow, flume, fly
<u>Flee</u>
          /f//l/ - Get Away From: flee, flight, fly
         /l//f/ - Get Rid Of: slough
<u>Full</u>
         /f//l/ - fill, flab, fleet, flesh, flush
         /l//f/ - loaf
/f//r/
Destruction
          /f//r/ - fire, floor, freeze, fry
         /r//f/ - brief
Create, Form
         /f//r/ - farm, forge, form, frame
          /r//f/ - craft, draft, graph, proof, phrase
Motion
          /f//r/ - Intentional: fare, ford, forge, freight
         /r//f/ - Natural: draft, drift, raft, trough
Deceit
         /f//r/ - farce, fraud, fraught
         /r//f/ - craft, grift
Fluff/Rough
          /f//r/ - Frizz and Fuzz: fern, fir, fork, frappé, frill, fringe, frizz, frond, frost, fur, furl
          /r//f/ - Rough: reef, rough, ruff
Acquisition
          \overline{f}//r/ - fare, frisk
          /r//f/ - draft, grift, graft, ruff, thrift
Anger
         /f//r/ - Victimizer: fierce, fire, force, fray, fret
         /r//f/ - Victim: grief, gruff, rift, rough, strife
Fear
         /f//r/ - fart, fear, frail, freak, fright, frown, fruit, frump
         /r//f/ - grief, strife
Firm, Strong
          /f//r/ - No Emotion: firm, force, fort, frank
          /r//f/ - Emotion: gruff, rough
Plenty
          f//r/ - fraught
          /r//f/ - raft, rife
Group
         /f//r/ - farm, firm, force
         /r//f/ - draft
Frame, Container
         /f//r/ - form, frame
         /f//r/ - sphere
Rift, Crevasse
         \overline{f//r}/ - fjord, ford
         /r//f/ - rift, trough
/T//r/
Insufficiency
          T/T/r/ - thirst, thrift, thwart
         /r//T/ - wraith
True, Strong
          /f//r/ - Strong: thrift, thrive, throng
          /r//T/ - True: troth
```

```
Excitement
          \overline{/T//r/} - threat, thrill, throb, throe
         /r//T/ - breath, wrath
Rhythmical
          \overline{T}/T/r/ - throb, thrum
         /r//T/ - breath
/s//J/
Energy
          /s//J/ - surge
          /J//s/ - juice
Interfere
          /s//J/ - siege
          /J//s/ - jinx
/s//C/
<u>Seek</u>
          /s//C/ - search
          /C//s/ - chase
Choice
          /s//J/ - such
          /C//s/ - choice
/s//m/
Similar, Combined
          /s//m/ - Similar: same, seem
          /m//s/ - Combined: mass, mess, mix, muss
Quantity
          /s//m/ - Numbered: some, sum
          /m//s/ - Not Numbered: mass, mess
/s//n/
Sense, Knowledge
         /s//n/ - Sense: scene, scent, sign, sound
          /n//s/ - Knowledge: nous
          /s//ns/ - sense
Time
          /s//n/ - soon
          /n//s/ - nonce
          /s//ns/ - since
Absence
          /s//n/ - sans
          /n//s/ - nix
Relative
          /s//n/ - son
          /n//s/ - niece
Rope In
          /s//n/ - cinch
         /n//s/ - noose
/s//l/
Motion
          /s//l/ - Smooth: sail, scale, scull, skulk, sled, slink, slip, slog, sloop, slosh, steal, stroll
         /l//s/ - Bouncy: flounce
Smooth
          /s//l/ - sail, silk, sled, sledge, sleek, sleigh, slick, slide, slip, sluice
Reflected Light
         /l//s/ - glance, glass, glimpse, gloss
```

```
Curve
          /s//l/ - scroll, spool, stile, swirl
          /l//s/ - flex, flounce, flux
Decrease
          /s//l/ - Incline: scale, slant, slide, slope, stile
          /l//s/ - Quantity: least, less
<u>Cut</u>
          /s//l/ - scald, sculpt, slash, slice, slit, split
          /l//s/ - lance, lyse
Contact
          /s//l/ - Force: slam, slap, sling, slog, slug
          /1//s/ - No Force: place
Destruction
          /s//l/ - slay, squelch
          /l//s/ - blast, blitz
Water
          /s//l/ - Motion: slop, slosh, slough, spill, splash, splat, splay, spleen, splotch, squall
          /l//s/ - Container: cell, flask, glass
<u>Cover</u>
          /s//l/ - scale, scalp, seal, skull, slab, slag, slate, sleeve, slip, stole
          /l//s/ - blouse, fleece
Long/Thin
          /s//l/ - sill, slat, slit, slot, spline, splint, stilt
          /l//s/ - flax, floss, lace, lance
Loose
          /s//l/ - Dysfunction: slack, slang, sleep, sloth, slouch, slow, slump, slur, snail, sprawl, stale, stall, still
          /l//s/ - No Dysfunction: lapse, last, lax, loose
Blame/Bless
          /s//l/ - Blame: scold, snarl, squeal
          /1//s/ - Bless: bless
Unpleasant
          /s//l/ - Dirty: silt, slag, slime, slob, slop, slosh, slough, sludge, slum, slump, slush, slut, smell, stool, sulk
          /l//s/ - Incompetent or Dishonorable: klutz, last, louse, lynx
Combine
          /s//l/ - smelt, splice, splint
          /l//s/ - clasp
Happy
          /s//l/ - smile, style
          /l//s/ - blast, bless, bliss, class, lust, luxe
Deceptive
          /s//l/ - Stealthy: skulk, sleuth, slink, slip, sly, steal, stealth
          /l//s/ - Superficial: glitz, gloss
Buy
          /s//l/ - Permanent: sale, scalp, sell, splurge
          /1//s/ - Temporary: lease
Much, Group
          /s//l/ - scale, slate, slew, spell, sprawl, still, swell
          /l//s/ - class, list, plus
Little 1 4 1
          /s//l/ - Small Amount or Size: slice, slight, slim, slit, slow, small
          /l//s/ - Ending: close, last, least, less, lest, loss
/s//r/
Shapes
          /s//r/ - Don't Intersect: cirque, sphere, square, star, straight
          /r//s/ - Intersect: cross
Circular
          /s//r/ - screw, scroll, sprain, squirm, steer, stir, swerve, swirl
```

```
/r//s/ - wrest, wrist
Long/Thin
          /s/r/ - Not Rooted: screw, spear, sprit, stair, straight, strait, strand, strap, straw, streak, stream, street, string,
          strip, stripe, strobe, sword
          /r//s/ - Rooted: grass, tress
Extension
          /s//r/ - smear, spare, splurge, sprawl, spread, spree, stark, stray, stream, stretch, strew, swarm
          r/s/s - grease, press, rinse, thrust
Beginning 1 -
          /s//r/ - scare(up), scratch, serve, source, spark, sperm, spore, sprout, spur, start, stir, strike(out)
Spray/Thrust
          /s//r/ - spark, spray, sprig, spring, sprout, spurt, squirt, storm, stream, strew
          /r//s/ - thrust
Energy
          /s//r/ - smart, spark, sport, spree, spring, sprite, spruce, spry, stride, strut, surf
          /r//s/ - brisk, brusque, crisp, prance, risk
Serve, Trust
          /s//r/ - Serve: serf, serve
          /r//s/ - Trust: grace, truce, trust, tryst
Stress
          /s//r/ - squirm, stare, stern, stir, storm, strain, stretch, strife, strife, strive, strong, surge, swear
          /r//s/ - brace, brusque, crisp, press, race, trounce
          /s//rs/ - stress
Scream
          /s//r/ - scare, scorn, scram, screak, scream, screech, slur, smear, smirch, snarl, snort, strike, stroke
          /r//s/ - grouse
Money
          /s//r/ - Scarcity: scarce, scrimp, scrounge, spare, starve, store
          /r//s/ - grist, price
          /s//rs/ - sparse
Constrain
          /s//r/ - screw, scrunch, starch, strap, strict
          r/s/s - brace, brusque, crease, press, truss
Rest
          /s//r/ - snore
          /r//s/ - rest, roost, trance
Unpleasantness
          /s//r/ - Criticize: scar, scare, scorch, scorn, scourge, screw, slur, smart, smear, smirch, smirk, snarl, sneer, spurn,
          squirt, stern, strange
          /r//s/ - Unpleasant Things: crass, gross, grouse, rust
Dirt
          /s//r/ - scrag, scrap, scree, smirch
          /s//r/ - dross, grease, rust
Cut
          /s//r/ - scar, scarp, scourge, scrape, scratch, scrub, sore, spear
          /r//s/ - rasp
Touch
          /s//r/ - Linear: strike, stroke, strum
          /r//s/ - dress, frisk, thrust, trounce
Fire, Frost
          /s//r/ - scorch, sear, sere, spark, star, strobe
          /r//s/ - frost, roast
Destruction
          /s//r/ - scrap, scratch, screw, scrunch, strike, strip
          /r//s/ - rest, rinse, roast
<u>Seek</u>
          /s//r/ - score, scour, screen, scrounge, search, strike
          /r//s/ - trace
```

```
<u>Acquisition</u>
          /s//r/ - slurp, snare, strike, strip
          /r//s/ - frisk, grasp
Filter Out
          /s//r/ - score, screen, sort, strain
         /r//s/ - rinse
Motion
          /s//r/ - scram, soar, spring, sprint, stair, stray, streak, stream, stride, strike(out), stroll, strut, surf, swerve
          /r//s/ - cross, prance, press, race
Writing
          /s//r/ - scratch, scrawl, scribe, script, scroll
People at the Top
          /s//r/ - sir, sire, star
          /r//s/ - Christ, crust, priest, prince
Incline, Bump
          /s//r/ - Incline: scarp, stair
          /r//s/ - Bump: breast, crest
Covers
          /s//r/ - scar, surf
          /r//s/ - crust, dress, rust
/S//l/
Pull
          /S//1/ - schlep
         /1//S/ - leash
Muchness
          /S//l/ - Too Much of a Bad Thing: schlock, schmaltz
          /l//S/ - Fullness: blush, flesh, flush, lush, plush
Shallow
          /S//I/ - shale, shawl, shelf, shell, shelve, shield, shoal
Strike
          /l//S/ - clash, flash, lash, slash
Water
          /S//l/ - Formed by Water: shale, shell, shoal
          /l//s/ - Motion of Water: plash, slosh, slush, splash
/S//r/
Sharp/Break
          /S//r/ - Sharp: shard, sharp, shear, sheer, shred
          /r//S/ - Break: crash, crush, thrash, thresh
Throw Off
          /S//r/ - shirk, shrug
          /r//S/ - trash
Small, New
          /S//l/ - Small: sheer, short, shred, shrimp, shrink
          /r//S/ - New: fresh
Shrewd, Brash
          /S//l/ - Shrewd: shark, sharp, shrew, shrewd
          /r//S/ - Brash: brash, fresh, rash
Temple
          /S//r/ - shrine
          /r//S/ - crèche
Bush
          /S//r/ - shrub
         /r//S/ - brush
/J//n/
```

Back and Forth Motion

```
/J//n/ - No Contact: jaunt, jounce
         /n//J/ - Contact: nudge
/J//l/
Viscous
         /S//l/ - Not Dirty: gel, jell
/l//J/ - Dirty: sludge
Place Where People Stay
          /J//l/ - Involuntarily: jail
         /l//J/ - Voluntarily: lodge, lounge
Sudden Movement
         /J//l/ - jolt
         /l//J/ - Ďownward: lunge, plunge
/J//r/
Criticism
         /J//r/ - Criticize: jeer
         /r//J/ - Criticizeď: cringe
Move Something
         /S//l/ - Joggle: jar, jerk
         /r//J/ - Acquire: dredge, scrounge
/C//m/
<u>Friendship</u>
          /C//m/ - Emotion: charm, chum
         /m//C/ - No Emotion: match
/C//n/
Acquisition
         /C//n/ - Keep: chain
         /n//C/ - Take Away: snatch, snitch
/C//I/
Beginning
          /C//I/ - child
         /l//C/ - launch, lurch
Absence
          /C//1/ - Of Heat: chill
         /l//C/ - Of Color: blanch, bleach
/C//r/
Support
          /C//r/ - chair
         /r//C/ - breech, crutch
Mark
          /C//r/ - char
         /r//C/ - scratch
<u>Start</u>
         /C//r/ - charge
         /r//C/ - broach
Extend
         /C//r/ - charge
/r//C/ - reach, stretch
<u>Turn</u>
         /C//r/ - churn
         /r//C/ - crouch, wrench
Cheer
         /C//r/ - charm, cheer, chirp
```

```
Sound
         /C//r/ - Happy: chirp, chirr, churr
         /r//C/ - Not Happy: screech
Unpleasant Person
         /C//r/ - churl
         /r//C/ - grouch, roach, wretch
/m//n/
Central
         /m//n/ - main, mean
         /n//m/ - norm
Man, Name
         \overline{/m}//n/ - man
         /n//m/ - name
/m//l/
Acquisition
         /m//l/ - mail
         /l//m/ - claim, plumb
Mold, Slime
         /m//l/ - mold, mole
         /l//m/ - lymph, phlegm, slime
Soil
         /m//l/ - mulch
         /l//m/ - loam
Particles
         /m//l/ - mill, milt, mold
Growth
         /l//m/ - blimp, bloom, climb, plump
Smallness
         \frac{1}{m}/m//l/ - melt, mild, moll, small
Gloom
         /l//m/ - blame, clam, gloom, glum, loom, slam, slime, slum, slump
         /m//l/ - Is Destroyed: maul, melt
         /l//m/ - Retains its Identity: lame, limp, slump
Combine
         /m//l/ - Two Things Join Together: meld, melt, smelt
         /l/m/ - Things are Joined Into One Formless Mass: clump, lump
Slow Down
         /m//l/ - mule, mull
         /l//m/ - Hold Back: clam, clamp, clump, glom
<u>Happiness</u>
         /m//l/ - melt, smile
         /l//m/ - flame, gleam, lamb
/m//r/
Dirt
         /m//r/ - mar, mark, smear, smirch
         /r//m/ - crumb, grime
         /m//r/ - The Object Touched is Altered: mar, smear
         /r// - The Object Touched Remains the Same: drum, ram, strum, thrum, tramp, tromp
Walking
         /m//r/ - march
         /r//m/ - roam, romp, scram, stream, tramp, tromp
Unhappiness
         /m//r/ - morgue, mourn, murk
```

```
/r//m/ - crime, grim, grump, scream
Water
         /m//r/ - Marsh: marsh, mere, mire, moor
         /r//m/ - Frost: rime
Smallness
         /m//r/ - mere
         /r//m/ - shrimp, trim
Muchness
         /m//r/ - more
         /r//m/ - realm, ream, room, stream
Joining
         /m//r/ - Bring Two Things Together: merge
         /r//m/ - Crumple: cram, cramp, crimp, crump, scrimp
Detained
         /m//r/ - mire, moor
Spur Onward
         /r//m/ - dream, drum, prompt
Pleasant
         /m//r/ - Funny: mirth, smart, smirk
         /r//m/ - Groom: groom, prim, prime, primp
Higher Class
         /m//r/ - smart
         /r//m/ - cream, prime, prom, trump
Beginning
         /m//r/ - morn
         /r//m/ - brim, frame, rim
/n//l/
Joining
         /n//l/ - nail
         /l//n/ - blend, clan, glean, lance, learn, splint
Long/Thin
         /n//l/ - Hard: nail
         /l//n/ - Flexible: lane, line
Bunch
         /n//l/ - gnarl, knurl
         /l//n/ - clench, clinch
Not
         /n//l/ - knell, nil, null
         /l//n/ - blanch, bland, blind, blond, blunt, clean, cleanse, flinch, Lent, lone, lorn, lynch, plain
Up, Down
         /n//l/ - Bump: knoll
         /l//n/ - Incline: cline, slant, spline
Natural Environs
         /n//l/ - knoll
         /l//n/ - glen, land, lawn
Plunge
         /n//l/ - launch, lunge, plunge
/n//r/
Negative
         /n//r/ - nor
         /r//n/ - drain, drawn, drown, rinse
Sneer, Grunt
         \sqrt{n/r} - snarl, sneer, snort
         /r//n/ - grunt, rant
Running Liquid
         /n//r/ - snort
```

```
/r//n/ - drain, drench, drown, rain, run
Near
         /n//r/ - near
         /r//n/ - prone
Acquisition
         /n//r/ - snare
         /r//n/ - crane, rein, round, screen, scrounge, strain
Care For
         /n//r/ - nurse
         /r//n/ - preen
Plant
         /n//r/ - Knurl: gnarl, knurl
         /r//n/ - Branchy: bran, branch, frond, grain, groin
Nervous System
         /n//r/ - nerve
         /r//n/ - brain
Central
         /n//r/ - norm
         /r//n/ - brunt, ground
/l//r/
Sound
         /l//r/ - Excitement: blare, blurb, blurt, flair, flirt, floor
         /r//l/ - Anger: brawl, broil, growl, rail, rile, roil, shrill, thrill
Motion
         /l//r/ - Sudden: lurch
         /r//l/ - Smooth and Ongoing: crawl, drawl, drill, drool, stroll
Large, Spread Out
         ////r/ - flare, lard, large, lord, splurge
         /r//l/ - grail, realm, sprawl
Weak, Empty
         ////r/ - blear, blur, clear, floor, lorn, slur
         /r//l/ - braille, frail
Light, Heat
         ////r/ - Light: glair, glare
         /r//l/ - Heat: broil
<u>Seek</u>
         /l//r/ - glare, leer, lurk
/r/l/ - prowl
Running Liquid
         ////r/ - Inward: slurp
```

/*r*//*l*/ - *Outward:* drool

Appendix X /str/ Words

English words containing /s//t//r/ can be classified phonosemantically into the classes:

Straight, Strong/Stern, Start, Struggle, Stop, Strange/Distant, Stroll, Stretch/Spread, Strike

English

Relevant /str/ Words

stair, star, starch, stare, stark, start, startle, starve, steer, sterile, sterling, stern, stir, store, stork, storm, story, straddle, straggle, straight, strain, strait, strand, strange, strangle, strap, straw, stray, streak, stream, street, stress, stretch, strew, strict, stride, strife, strike, string, strip, stripe, strive, strobe, stroke, stroll, strong, structure, struggle, strum, strut, stubborn

Phonosemantic Classification

Straight - stair, steer, stork, straight, strait, strand, strap, straw, streak, stream, street, stretch, string, stripe, strobe, stroke

Strong/Stern - starch, star, stark, steer (animal), sterling, stern, storm, strain, strangle, stress, stretch, strict, strike, strive, strong, structure, struggle, stubborn

Start - start, startle

Struggle - str, storm, strain, strangle, stream, stress, stretch, strife, strike, strive, struggle, stubborn

Stop - stare, stark, starve, sterile, stern, store, strangle, strict, strip, stubborn

Strange/Distant - star, stark, startle, storm, story, straggle, strange, strangle, stray

Stroll - steer, stir, straggle, stray, stride, stroll, strut

Stretch/Spread - star, starch, stork, straddle, straggle, strain, stretch, strew, stride, strive, struggle, strum, strut

Strike - stir, strangle, strike, stroke, strum

The English words beginning with /v/ (to take an arbitrary class that's not too big) don't fit neatly in these classes:

Straight - valley?, vane?, vein, vine Strong - very, vim, vigor, verve Struggle - venge, vie, volley? Stop

Start Strange

Strange Stroll

Stretch/Spread

Strike

Exceptions - vale, valley, van, vat, vase, vial, vault, vessel, vile, villain, viper, vamp, voice, vote, vouch, vow, view, veer, veil

Those words beginning with unvoiced 'th' fit a little better if they contain an /r/. This is probably due to the fact that both /th/ and /s/ are unvoiced dental/alveolar fricatives:

Straight - thatch?, thin, thistle, thorn, thread Strong - thick?, thorough, thrive, throng, thunder? Struggle - throe Stop - thaw?, threat, thrift, throttle Start Strange - thrall, thrill Stroll
Stretch/Spread
Strike - thrash, thresh, thrum, thump
Exceptions - theft, thief, thing, think, thirst, thought, throb, through, throw, thrust, thud, thug, thumb, thwack

Since the meanings of the phonemes derive from their pronunciation, we would expect that a phoneme in another language that had a similar pronunciation to that of English would have a similar meaning. This proves quite generally to be the case.

Albanian

Phonosemantic Classification

Straight - shtrat (bed), stroj (lay, cover, coat)

Strong - shtrëngat/ (gale, storm), shtrëngúes (coercive), strydh (press, squeeze)
Start - shtróhem (get down to)
Struggle - shtrénjtë (expensive), shtrëngat/ (gale, storm), shtrëngés/ (constraint), shtrëngúes (coercive), strydh (press, squeeze)

Stop - shtrëngés/ (constraint), shtrëng/ (tighten), strydh (press, squeeze) Strange/Distant - shtrémbër (crooked, wrong, distorted)

Stroll

Stretch/Spread - shtrat (bed), shtrés/ (layer, stratum), shtríhem (lie), shtri/ (lie down, expand, stretch), stroj (lay, cover, coat)

Strike

Exceptions - struar (easy)

Catalan

Phonosemantic Classification

Straight - esteranyinador (broom), estira (stretching), estret (narrow), estria (flute, groove), estricada (long walk), estricador (pole), estricar (stretch), estríjol (curry comb), estrip (tear), estripar (gut, draw), estrofa (verse, stanza), estrompassar (stride over), estrop (strap), estruÇ (ostrich)

Strong - esterlí (sterling), estirada (pull, jerk, growth sprurt), estormia (cushion), estort (safe), estrall (ruin, destruction), estrangulació (strangulation), estrenu (vigorous, energetic), estrènyer (tighten up, clench), estrèpit (racket, row), estrident (strident, harsh), estructura (structure)

Start - estirada (pull, jerk, growth sprurt), estrena (first use), estròbil (pinecone)

Struggle - estira (stretching), estiracabells (have a tussel), estòrcer (escape from), estrabisme (squinting), estrall (ruin, destruction), estrambot (burden), estrangulació (strangulation), estraperlada (smuggling), estrateg (strategy), estremiment (tremor), estrènyer (tighten up, clench), estrèpit (racket, row), estret (narrow, tight), estricar (stretch)

Stop - estar (be), estaria (stay, sojourn), estergir (stencil), estèril (sterile), esterracar (knock unconscious), estordir (stun, daze), estormia (cushion), estrangulació (strangulation), estrènyer (tighten up, clench), estrep (stirrup), estret (narrow, tight), estricte (strict), estringar (lock), estringuet (brake), estritllar-se (clear up)

Strange/Distant - estirabot (absurdity), estordit (reckless), estornell (scatterbrain), estrafer (mimic, ape), estrafet (disguised), estrafolari (outlandish), estrambòtic (eccentric), estranger (foreign), estrany (extraneous, odd), estranyar (exile), estrella (star), estremiment (tremor, shudder), estroncar (check the flow of, exhaust, run dry), estruÇ (ostrich)

Stroll - estòrcer (escape from), estranyar (exile), estraperlada (smuggling), estricada (long walk), estrident (strident, harsh), estrompassar (stride over)

Stretch/Spread - esternudar (sneeze), estarrufar (bristle up, stand on end), esteranyinador (broom), estira (stretching), estor (curtain), estorar (cover, carpet), estoret (fire fan), estrada (platform), estramp (free verse), estrassa (rag), estratificar (stratify), estrebar (pull out), estrènyer (tighten up, clench), estricar (stretch), estrip (tear), estrompassar (stride over)

Strike/Tear - esterracar (knock unconscious), esterrajar (scarify), estrall (ruin, destruction), estrangulació (strangulation), estrip (tear), estronxar (damage, injure), estronyar (break, smash, shatter), estropellar (damage, spoil)

Exceptions - estirp (stock, lineage, race), estragó (tarragon), estri (gear, equipment), estripall (scrap)

German

Relevant /str/ Words

Star - glaucoma/star, Stär - ram, stark -strong, starr - stiff/motionless, starren - stare, Start - start, sterben- die, Stern - star, Sterz - plow handle/rump, Steuer - rudder/tax, stier- fixed, Stier - bull, Stirn - forehead, Storch - stork, Store - curtain, stören - interrupt/scratch, Storger - tramp, stornieren - annul, störrig- stubborn, stracks - immediately, Strafe - punishment, straffe - stretched, Strahl - beam, Strähl - comb, Strähn - lock, strakeln - stretch, stramm - tight/strong, strampeln - kick about, Strand - shore, Strang -rope, Strapaze - fatigue/toil, Straße - street, sträuben - bristle, Strauch - bush, straucheln - stumble, Strauß - bunch/ostrich, Strazze- scrapbook, Strebe - support, streben - struggle, strecken - extend, Streich- stroke, streicheln - carress, streichen - wander/rush past/rub, Streif - patrol, Streifen - stripe, Streik - strike, Streit - dispute, streng - severe/stern, streuen - strew straw, Strich - streak, Strick - rope, stricken- knit, Striegel - currycomb, Strieme - streaked, Striezel - rascal, striezen - torment, strikt - strict, Strippe - string, strippen - striptease, Strobel- mop of hair, Stroh - staw, Strolch - tramp/idler, Strom - stream, Strophe - stanza, strotzen - puffed up, Strudel - eddy/pastry, Struktur - structure, Strumpf - stocking, Strunk - trunk, struppiert - worn out, struppig - bristly, stur - stubborn, sturm - storm, Sturz - plunge/fail,Stürze - cover, Stürzel - stump, stürzen - hurl/ruin

Phonosemantic Classification

Straight - starr, Sterz, Storch, straffe, Strahl, Strähl, Strähn, strakeln, stramm, Strand, Strang, Straße, sträuben, Strauch, Strauß, strecken, Streich, Streifen, streuen, Strich, Strick, stricken, Striegel, Strieme, Strippe, Strobel, Stroh, Strom, Strophe, Strunk, struppig, Sturz, Stürzel Strong/Strict - Star, Stär, stark, stier, störrig, Strafe, stramm, sträuben, Strebe, Streif, streng, strikt, Struktur, stur, sturm

Start - Start, stracks, stürzen

Struggle - Strapaze, streben, Streik, Streit, striezen

Stop - Star, starren, sterben, stier, stören, stornieren, störrig, straucheln, Streik, struppiert, stur, Sturz, stüürzen

Strange/Distant - starren, Stern, streuen

Stroll - Storger, straucheln, streichen, Strolch

Stretch/Spread - straffe, strakeln, stramm, strecken, stricken, strotzen, Strumpf

Strike - stören, strampeln, Streich, streicheln, streichen

Exceptions - Steuer, Stirn, Store, Strauß (flowers), Strazze, Striezel, strippen, Strudel, Stürze

Greek

Phonosemantic Classification

Straight - sterope (flash of lightning), sortheksi (deer horn), streblou (twist, strain tight), streptos (flexible, twisted pastry), strefe (spin, twist a rope, torture, stick close to something, be at large), strobeo (twist, whirl), sturax (fragrant gum, spike)

Strong - stereos (stiff, stark, firm, solid), sternon (breast, chest), sterope (flash of lightning), sterros (solid, strong, stiff, stubborn), straggalizo (strangle), straggeuomai (squezze onself, loiter), stragx (that which is squeezed out), strateusimos (servicable), strateuo (serve in the war), strategeo (be a general, command), stratos (encamped army), streblou (twist, strain tight), strefe (spin, twist a rope, torture, stick close to something, be at large), stronos (hard, rough harsh), strofnos (astringent taste), sturax (fragrant gum, spike)

Start

Struggle - straggalizo (strangle), straggeuomai (squezze onself, loiter), stragx (that which is squeezed out), strateuo (serve in the war), stratos (encamped army), streblou (twist, strain tight), strefe (spin, twist a rope, torture, stick close to something, be at large), stronos (hard, rough harsh), stroniau (run a riot, wax wanton)

Stop - stereos (stiff, stark, firm, solid), stereo (deprive, bereave), steromai (to be wanting, to lack), sterros (solid, strong, stiff, stubborn), storennomi (shortened, calm, soothe), straggalizo (strangle), straggeuomai (squezze onself, loiter), strapto (lighten), stratos (encamped army), streblou (twist, strain tight)

Strange/Distant - strateia (expedition, campaign), streblos (twisted, crooked), stroniau (run a riot, wax wanton), strofnos (astringent taste), strofau (turn, wander about)

Stroll - straggeuomai (squezze onself, loiter), strateia (expedition, campaign), strefe (spin, twist a rope, torture, stick close to something, be at large)

Stretch/Spread - storennomi (spread clothes on a bed, spread, strew, pave a road), streblou (twist, strain tight), stroma (anything stretched out for lysing on)

Strike/Tear - stereo (deprive, bereave), sterope (flash of lightning), straggalizo (strangle), straggeuomai (squezze onself, loiter), stragx (that which is squeezed out), strefe (spin, twist a rope, torture, stick close to something, be at large), stroniau (run a riot, wax wanton)

Exceptions - strergo (love between parent and child, be content with)

There is an /str/ class of turning and whirling in Greek.

Hindi

Phonosemantic Classification

Straight - sitar (stringed instrument), sutari (heavy needle), sutr (thread, origin, source, formula)

Strong - astra (armed), satark (alert), sthir (fixed, firm, unmoving)

Strong - astra (armed), satark (arerl), strin (fixed, firm, Start - sutr (thread, origin, source, formula)

Struggle - satraÑj (chess), satru (enemy), satr (angrily)

Stop - sthir (fixed, firm, unmoving)

Strange/Distant - sitara (star, fate)

Stroll

Stretch/Spread - astar (lining, petticoat), sitri (iron), satraÑji (floor covering), sathri (small mat), star (level, grade)

Strike/Tear - ustra (razor, cheat)

Exceptions - sattar (70), sutar (carpenter, craftsman), su-tar (good occasion), stri (woman)

Indonesian

Phonosemantic Classification

Straight - setrik (hair ribbon), setrip (line, stripe, slash), setrum (electric current, induce), siter (zither)

Strong - satron (be hostile toward), kesatria (noble, knight), kesturi (musk), setir (drive, wield control over), setrap (punishment), setru (enemy), setrum (electric current, induce), sitrun (citron), streng (strict), stromking (high pressure lantern)

Start - setrum (electric current, induce)

Struggle - kesut ter (frightened), seotri (quarrel, bicker), setoter (stutter), setru (enemy)

Stop - setor (deposit), streng (strict)

Strange/Distant - setrip (crazy)

Stroll

Stretch/Spread - seterika (iron, flatten, smash), strata (levels), strimin (fabric for lining), sutera (silk)

Strike/Tear - seterika (iron, flatten, smash)
Exceptions - satru (cookie), setrop (fruit drink)

Irish

Phonosemantic Classification

Straight - starr (tooth, tusk, jut, rough pull, fit of anger, round of boxing, sturdy), starran (projection), steotar (sugar stick), storn (straddle pin), straibeir (lash), straic (strip of cloth, stroke of a cane, state, level, pride), straille (tall, lazy aimless person), straimead (tape, streamer, heavy stroke), straip (strap), stran (prominent tooth), strapa (strap), strat (stay between masts), streaclan (band, gaiter), strearac (tree creeper), strileaman (long, nervous person), strioc (stripe, repentance), striocail (making tracks, striving), striolla (girth, girdle), strior (impulse, gust, enthusiasm, stripe), strioradan (anything hanging, limp), striopan (strip, streamer), striopar (strip, tatter), stroc (iron keel band), stropa (strope), struic (crest, ridge), strup (curved spout), strut (ostrich), sutrog (candle) Strong - feistear (regulation, equipment), sataire (pusher, intruder), seitreac (strong, sturdy, braying, sneeze), siotrail (bellowing), sotaire (strong fellow), starr (tooth, tusk, jut, rough pull, fit of anger, round of boxing, sturdy), starramail (sturdy, resolute), starranac (troublesome, stubborn), starrog (hill, summit, obstinant female), stiuir (steering, guiding, attitude), storc (large animal or person), storfath (snort), straic (strip of cloth, stroke of a cane, state, level, pride), straimead (tape, streamer, heavy stroke), strairiun (audacity), strapaire (vigorous, well-built person), streaclac (drag, pull), strior (impulse, gust, enthusiasm, stripe), striorac (windy, rough), stro (stress, excitement, dallying, tyrrany), stroinear (overbearing, uppish), sturraide (impudent person), sturralac (sturdy)

Struggle - sataire (pusher, intruder), siotram (tantrum), starr (tooth, tusk, jut, rough pull, fit of anger, round of boxing, sturdy), starram (stutter), starramail (sturdy, resolute), starranac (troublesome, stubborn), starrog (hill, summit, obstinant female), stracail (trudging), stradain (fit of temper), straille (mat, carpet, anything confused), straimp (displeasure, huff), strainnc (grimace), strairiun (audacity), strangad (pulling, twitching), straoi (great effort), streaclac (drag, pull), strearail (climbing), streill (crying expression), strileaman (long, nervous person), strioc (stripe, repentance), striocail (making tracks, striving), striorac (windy, rough), stro (stress, excitement, dallying, tyrrany), strogadgail (struggling), stroigreamail (combative), stroinear (overbearing, uppish), strucail (negotiating, huckstering), struirim (stress, break), strus (stress, difficulty), sturraide (impudent person)

Stop - feistear (regulation, equipment), istir (in), ostar (food stores, inn-keeper), satarn (Saturday), seatar (gland, library, bookcase), sotairealta (placid), starram (stutter), starrogact (staring), startoir (historian), stioroip (stirrup), store (store, treasure), stracail (trudging), straic (strip of cloth, stroke of a cane, state, level, pride), straille (tall, lazy aimless person), strainin (colander), stran (delay), strat (stay between masts), streara (stile), striolla (girth, girdle), striomuigte (rigid, stiff in the legs), stro (stress, excitement, dallying, tyrrany), stroigin (cement), stronncugad (stiffening), struirin (weaver's glue)

Strange/Distant - astranac (wayfarer), astrolaide (soothsayer), straille (mat, carpet, anything confused), straillin (untidy, awkward), straipleac (anything unkempt), strampalaide (awkward person), strampalta (trampling, awkward), streabog (useless article), streacla (trifle), straclanac (straggling, ragged), strodaire (good for nothing), stroile (aimless person), stroiliur (careless), stroinre (stranger, vagrant), stroinrearta (foreign), strullog (clumsy female), strut (ostrich) Stroll - astranac (wayfarer), stracail (trudging), strae (wondering, stray), strearail (climbing), striocail (making tracks, striving)

Stretch/Spread - seitreac (strong, sturdy, braying, sneeze), starrog (hill, summit, obstinant female), strabaille (prodigality), strabar (big mouth, grin), straboid (prostitute), straca (stratum, layer), straille (mat, carpet, anything confused), straoideac (waster), streannc (splash), streanncan (tune, lilt, rush of fluid), striapac (harlot), strioradan (anything hanging, limp), triorail (undressing), struic (crest, ridge)

Strike/Tear - starr (tooth, tusk, jut, rough pull, fit of anger, round of boxing, sturdy), stiuraide (hussy), straibeir (lash), straic (strip of cloth, stroke of a cane, state, level, pride), straillead (act of rending), straimead (tape, streamer, heavy stroke), strampail (stamping, striking), strampalta (trampling, awkward), striopar (strip, tatter), striudai (parts), stro (stress, excitement, dallying, tyrrany), stroc (stroke, sharp pang), stroic (tatter), struirim (stress, break)

Exceptions - iostar (entertainment, lodging), stirean (sturgeon), striog (small drop), stur (dust), sutrall (lamp)

Lithuanian

Phonosemantic Classification

Straight - stirta (stack), straublys (trunk, probiscus), strele (arrow), strenos (loins), strigti (stick), strykas (bow, fiddlestick), strofa (stanza), strutis (ostrich)

Strong - stropumas (diligence, industry), struktura (structure)

Start

Struggle - striukas (short, hard time), stropumas (diligence, industry)

Stop - streikas (strike), striukas (short, hard time)

Strange/Distant - strutis (ostrich)

Stretch/Spread

Strike/Tear - strele (arrow)

Exceptions - stirna (roe, venison), strapsnis (article), strazdana (freckle), strazdas (thrush)

Norwegian

Relevant /str/ Words

start, starve, staur, steril, sterk, sterre, sterte, stirre, stjerne, stjert, something which sticks out, stor, stork, storm, storme, strabas, straff, strak, straks, stram, strand, strang, strange, strant, stratt, strebe, strede, streif, streife, streik, strek, strekke, strende, strene, streng, stress, stret, strev, stri, strid, strie, strigle, strikk, strikke, strikt, stril, strime, strimmel, stripe, stripp, strippe, strips, stritte, strofe, stroke, stropp, strosse, struktur, strunk, strunt, strunten, strupe, strut, struts, strutte, stryk, stryke, strø, strøk strøm, strømper, strå, stråle, styr, styre, styrt, styrte

Phonosemantic Classification

Straight - staur, sterte, stjert, stork, strak, stram, strand, strange, strant, strakk, strede, streif, strek, strekke, streng, strigle, strikk, strime, strimmel, stripe, stripp, stritte, strofe, stroke, stropp, strunk, strupe, strut, struts, stryke, strøk, strøm, strå, strale, styre, styrt

Strong - sterk, sterre, sterte, stor, storm, straff, stram, strang, strakk, streng, stret, strev, stri, strid, striks, strikt, stroke, strosse, struktur, strunten, strupe, stryk, styr, styre, styrt, styrte

Start - start, straks, streife, strek, strippe, styrte

Struggle - starve, sterte, storme, strabas, strebe, streik, strene, stress, stret, strev, stri, strid, stroke

Stop - steril, sterre, stirre, straff, streik, strunk, stryke

Strange - stirre, stjerne, strek, strippe, strunt, styr

Stroll - staur, strende

Stretch/Spread - sterte, stram, strebe, strekke, strikk, stroke, strutte, strø, strøk, strømper

Strike - streif, strende, stri, strigle, strips, stroke, strupe, stryke

Exceptions - strie, stril, strunt(cone)

Russian

Relevant /str/ Words

vostorg - joy/rapture, vostro - be alert, vstretit' - meet, starat'sya - try, staryj - old, start - start, stvor - alignment, stereC' - watch for, sterZen' - rod, steril'nyj - steril, sterling - sterling, sternya - stubble, storoZ - guard, storona - side, stravlivat' - set onto fight, strada - hard work, stradat' - suffer, straZ - guard, strana - country, stranitsa - page, strannik - wanderer, stranno - strange, stranstvovat' - travel, strast' - passion/holiness/horror/love, straus - ostrich, strax- fear, straxovat' - insure, streZen' - stream, strekoza - dragonfly, strekotat' - buzz, strela - arrow, strelka - pointer, strel'ba - shooting, stremit'sya - rush/aspire, stremya - stirrup, stremyanka - ladder, striC' - cut hair, strogat' - to plane, strogij - stern, stroit' - build, stroj - order/line, strojnyj - slender, stroka - line (writing), strop - sling, stropilo - rafter, strofa - stanza, stroCit' - stitch/write, strug - plane/shave, struit'sya - stream, struktura - structure, struna - string, stryapat' - cook/do

Phonosemantic Classification

Straight - stvor, sterZen', sternya, storona, straus, streZen', strela, strelka, strel'ba, stremyanka, striC', strogat', stroit', stroi, stroinyj, stroka, strop, stropilo, strofa, stroCit', strug, struit'sya, struna **Strong/Strict** - vostro, stereC', sterling, storoZ, straZ, straxovat', stremya, strogij

Start - vstretit', start, stravlivat'

Struggle - starat'sya, stravlivat', strada, stradat', stremit'sya

Stop - vostro, stereC', storoZ, straZ

Strange/Distant - vostorg, staryj, storona, strana, strannik, stranno, stranstvovat', strast', strax, straxovat', stryapat'

Stroll - strannik, stranstvovat'

Stretch/Spread - starat'sya, stremit'sya

Strike - vstretit', stravlivat', strel'ba

Exceptions - stranitsa, strekoza, strekotat'

Welsh

Phonosemantic Classification

Straight - estrys (ostrich), strap (strap), streip (stripe), stribed (strip), strimyn (belt), strip (strip), stryd (street), sturmant (Jew's harp)

Strong - storm (storm), strwytur (structure)

Start

Struggle - astrus (difficult), straen (strain), strwr (noise, bustle, fuss)

Stop - starts (starch), stor (store, reserve), storfan (depot), streic (strike), stroc (stroke, seizure)

Strange/Distant - estron (foreigner), estrys (ostrich), stranc (trick), strim-stram-strellach (helter skelter)

Stretch/Spread - straegar (gossiper), strata (strata), strim-stram-strellach (helter skelter)

Strike/Tear - streic (strike)

Exceptions - starn (stern)