## LETTER-DELETION ACROSTICS

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As a cryptic crossword constructor and solver, I see a lot of letter deletions: words that become other words when a single letter is deleted. Examples are SALUTED to SALTED, or MUFFING to MUFFIN.

In the August 1990 issue of Word Ways, Darryl Francis presented the challenge of finding a list of words for each word length that will provide a letter deletion for each successive position. His fiveletter example was Stale, sTale, thRee, barGe, spanK (the letter deleted is capitalized). I decided to take this further by making the deleted letters spell a word. For example, in the five-letter case, the word EPOXY is provided by the list Erode, sPlit, flOat, twiXt, early.

Are there any five-letter words that cannot be represented this way? The easiest way to find out is to see if there is a letter deletion for every letter in every position. I prefer to use common words, although I will use a less-than-common word when no common one will work. Most of the few unfamiliar words in this article appear in Webster's Third New International Dictionary, although I did resort to Chambers English Dictionary for a couple of tough spots. If I can avoid an unfamiliar word by using a familiar proper noun, I do so.

The words in each deletion pair should have meanings that are etymologically unrelated. For example, while DEADLINESS to DEADLINES is a neat deletion, both words come from dead, which detracts from the wordplay. Compare the deletion of HURTLESS to HURTLES: that seems more exciting! Finding essentially different pairs is not always possible, especially in longer words, and some of the deletions given below are not ideal. But better something than nothing.

In preparing a list of five-letter positional letter deletions, I found the letters J and Q to be particularly recalcitrant, but one expects that from letters like J and Q. Surprisingly, X and Z were manageable and even provided choice in some positions. At first I was surprised to find D and F causing problems in position 2, but after a bit of thought I realized that this made sense. I don't know of any five-letter words that end in V, let alone deletions, so there's a blank there, and for V in position 2.

- A Aides tArot beAst sprAy parkA
- B Bread aBide biBle limBo blurB
- C Cache aCrid deCal minCe antiC

```
D
   Dally
                wiDth
                       briDe
                             weirD
E
  Ebony
         bElow wiEld bowEl lungE
F
  Fever
         aFire
                unFit
                       beeFs
                             scarF
G
  Galas
         oGres
                beGan merGe
                             thinG
Н
  Hover
         tHank acHes nicHe
                             clotH
I
  Ivied
         pllot allas
                      tacIt
                             swamI
Ĵ
  Jaunt
         fJord maJid polJe
                             samaJ
K
  Keyed
         sKate liKed books
                             shooK
L
  Lease
         fLunk tiLde
                       burLy
                             cameL
M
  Moral
         sMear coMma bliMp
                             hareM
N
  Nears
         kNeel soNar
                     areNa
                             heroN
0
  Ovary
         bOred avOid envOy
                             comb0
  Plaid
P
         sPent coPed beePs
                             clamP
Q
         sQuit roQue
R
  Reach wRest
                beRet chaRt
                             coveR
S
  Shall
         aSide baSil
                     exiSt brasS
T
  Taxis
         sTeam meTal visTa
                            valeT
Ų
  Using
         sUing gaUze forUm HindU
V
  Vroom
         eVery duVet curVe
  Waver
         sWift seWer vieWs
                             sineW
X
  Xrays
         aXles maXim flaXy
                             lateX
Y
  Yeast
         dYing
                maYst
                       braYs
                             sillY
   Zones
         cZars
                boZos
                      furZy
                             spitZ
```

Anyone complaining that FJORD and FORD are too close etymologically is quite right, and is encouraged to find a better word for that spot. And, although X-RAYS and RAYS seem related, RAYS can also be fish, which is etymologically unrelated to RAYS that are beams.

Six-letter words provide few problems. I am still missing some spots in my six-letter chart, but few words require these positions anyway. Here's what I have:

```
Ablest
         pAlace piAzza
                         forAge annuAl
                                        CrimeA
В
  Blouse aBides AlBert
                         triBal plumBs
C
  Clever
          sCales biCker
                         plaCid inseCt
                                       parseC
D
  Downer aDvert deDuce
                         powDer boarDs suiteD
E
  Ethane bEacon crEate
                         appEal planEt
                                       karatE
F
  Flower aFlare reFuse
                         stiFle bereFt belieF
G
  Grouse aGnise roGues
                         finGer resiGn basinG
H
  Height tHrash acHing
                         latHer writHe heartH
I
  Irises sImile maInly
                         bluIsh heroIn scampI
J
  Jargon fJords inJure
                         praJna rakiJa
K
  Knight
         sKewer
                  biKers
                         monKey sparKs debarK
L
  Lawful
         fLight
                 goLfer
                         angler castle drivel
M
  Manger
         aMbler caMper
                         salMon storMy condoM
N
  Neaten
         sNooty
                 wiNdow
                         priNce asseNt asterN
0
  Oinked boring
                  qu0its
                         undOer bathOs dinerO
P
  Pimply sPoils
                 poPlar
                         tamPer skimPs scrimP
Q
  Quinta
         sQuint
R
  Radios
          dRolly
                  caRnal
                         stuRdy
                                        latheR
                                 ensuRe
S
  Sexist
          aSides
                  coSmic
                         tenSor
                                 cubiSt
                                        theseS
T
                  haTred
  Trough
          sTeamy
                         morTal
                                 guesTs
                                        molesT
```

```
pursUe
U
   Usable
           pUrism
                   paUper
                           aroUse
                                           congoU
   Valley
           kVetch
                   seVers
                           driVer
                                   starVe
V
W
  Wholly
           sWerve
                   laWyer
                           breWed shreWd
                                           burroW
                                           dupleX
                   laxity
                           minXes
X
Y
   Yearly
           bYroad
                   trYout
                           canYon
                                   honeYs
                                           colonY
Z
   Zinked
                   doZily
                           priZes
                                   blowZy
                                           quartZ
```

Even the seven-letter table isn't bad. Most of the positions can be filled with common words whose deletions are etymologically distinct. Here's my list:

```
Α
   Aitches
            pAlates
                     reActor
                              belAted
                                      reveAls
                                                overlAy
                                                          temperA
В
   Bassist
            aBiding
                     unBlock
                              garBage
                                       sickBed
                                                reverBs
                                                          proverB
   Climber
            sCandal
                     exCited
                              quaCked
                                       radiCal
                                                         nucleiC
C
                                                parseCs
  Drugged
            aDverse
                     deDuces
                              finDing
                                       breaDth
D
                                                remanDs
                                                          severeD
Ε
   Eastern
            fEather
                     duElled
                              appEals
                                       gallEon candiEd
                                                          diversE
F
   Fattest
                     riFling
                              graFted
                                       scarFed
                                                belieFs
                                                         ourselF
  Gratify
            aGround
                     reGally
                              ridGing finaGle resinGs
G
                                                         raisinG
H
  Harmful
            sHingle
                     asHtray
                              batHing
                                       abasHed
                                                heartHs
                                                         haggisH
                              conlfer
I
   Isomers
            blasing
                     delcide
                                       applIes
                                                         martinI
                                                reverle
   Jocular
            fJorded
                     inJured
                              conJure
J
K
   Kinkier
            sKeptic
                     liKable
                              booKing slicKer
                                                squawKs
                                                         outranK
L
   Leasing
            sLender
                     saLvage
                              inkLing
                                       drawLer
                                                groveLs
                                                         chanceL
   Marcher
            aMbling
                     arMrest
                              creMate
                                       unkeMpt
                                                balsaMs
                                                         misterM
M
N
   Noodles
            aNguish
                     fiNance
                              garNish
                                       throNes
                                                violeNt
                                                         patterN
   Opinion
            f0amily
                                       lassOes
                                                         pamper0
0
                     stOring
                              corOner
                                                cartoOn
   Plumber
            sPeller
                     dePrive
                                                         mantraP
P
                              insPect
                                       steeP1y
                                                forcePs
Q
   Quintas
   Regress
                     baRking
                                                statuRe
                                                          BarrieR
R
            pRickle
                              outRage
                                       exceRpt
   Sextant
            aScetic
                     buStler
                              proSper
                                       thirSty
                                                closeSt
                                                          possesS
S
T
   Theater
                     unTruly
                              morTals
                                       grisTly
                                                diverTs
                                                          sleighT
            sTinger
U
   Upraise
            aUction
                     boUlder
                              popUlar
                                       statUes
                                                residUe
V
   Vending
                     deVices
                              carVing starVes
                                                resolVe
W
   Weighty
                     coWshed
                              froWsty
                                       screWed
                                                casheWs
            sWerved
                              MarXian
X
                     maXimed
                                       indeXed
                                                          tripleX
Y
   Yawning
            cYanine
                     spYring
                              canYons
                                                phoneYs
                                                          gravelY
Z
   Zincite
            cZarina
                              booZing
                                       WaltZer
```

After seven letters, there are fewer words for each position, so instead of a chart, I provide some long words for which I have found letter deletion acrostics. I have stacked the deletion words one on top of the other so that the acrostic word reads diagonally. For the eight-letter case, I present the acrostic words EXACTING, MAJORITY, and YESHIVAS. I have two nine-letter examples, TANGER-INE and FLOWCHART, and two ten-letter examples, CHAMPAGNES and PERMITTEES.

Equipped	Meagerly	Yearning
eXternal	hAunting	dEriving
reActors	inJuring	inSanity
preClude	denOting	busHiest
starTing	legiRons	cashlers
mistrlal	suppl ler	resolVed
posterNs	sleighTs	imperiAl
aspirinG	flatterY	needlesS

Trimester	Flummoxes	Chastening	Pentangles
lAunching	bLotching	tHreadless	lEathering
puNniness	stOriated	brAininess	vaRnishing
emiGrates	froWstier	herMitages	herMitages
reliEving	addiCtive	prosPector	charItable
prostRate	hardsHell	insulAting	immorTally
unmarrled	imperiAls	continGent	consulTing
underliNe	overheaRd	overturNed	commandEer
brassierE	overplanT	commandeEr	overcrowEd
		timelinesS	deadlinesS

There are other possibilities. One can construct MARGARINE quite easily from the TANGERINE square by substituting the words Maligning, poRtholes and educAtion in the appropriate spots. Can anyone find some other good nine-letter or ten-letter squares?

## GRAND ALLUSIONS

When I saw the above title, I groaned inwardly. Not another book on allusions? But when I examined Elizabeth Webber and Mike Feinsilber's paperback in more detail (Farragut Publishing Company 1990; \$12.95), I realized that it complemented my three other books on this subject. In fact, it concentrates on more than 500 fairly contemporary terms (not predominantly numerical or classical-Biblical-literary). Each term has an extended discussion (a half-page or more) and a recent citation or two accompanying it. Perhaps the best way to get a feeling for the scope of the book is to list a few entries; here are ones starting with L.

Last Hurrah, Lazarus, Lebensraum, Leitmotiv, Lèse-majesté, Let a Hundred Flowers Bloom, L'Etat C'est Moi, Level Playing Field, Leveraged Buyout, Libido, ...

It's all reminiscent of Hirsch's recent best-selling book on cultural illiteracy.