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In the last issue of *Word Ways* (Volume 51, Issue 4), in his 43-page epic ‘Criticise A Name (Otherwise: Transposing American Cities)’, Darryl Francis provides transposals for most of the 310 American cities with a population of over 100,000. This is an attempt to fill in some of the gaps and to improve on some of the transposals. Not all new transposals are necessarily improvements, but they are at least worth noting.

We have recorded the rank, name, transposal, definition and source for each city, but not the state. Reference to Darryl’s article will provide that information.

<table>
<thead>
<tr>
<th>Rank</th>
<th>City</th>
<th>Transposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Los Angeles</td>
<td>Angelloses</td>
</tr>
<tr>
<td></td>
<td></td>
<td>people named Angellos, a first name recorded 9 times in 4 different countries. [namespedia.com (Net)]</td>
</tr>
<tr>
<td>3</td>
<td>Chicago</td>
<td>Coigach</td>
</tr>
<tr>
<td></td>
<td></td>
<td>peninsula in Northwest Highlands, Scotland. [Wiki]</td>
</tr>
<tr>
<td>5</td>
<td>Philadelphia</td>
<td>Phillipa Head</td>
</tr>
<tr>
<td></td>
<td></td>
<td>the name of several people on Facebook, including Phillipa E Head of Bolton, England.</td>
</tr>
<tr>
<td>6</td>
<td>Phoenix</td>
<td>Hoxpine</td>
</tr>
<tr>
<td></td>
<td></td>
<td>a limited company in Queensland, Australia. [Net]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Oxiphen</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1950s brand of laxative pills. [<a href="http://www.trademarkia.com">www.trademarkia.com</a> (Net)]</td>
</tr>
<tr>
<td>12</td>
<td>Jacksonville</td>
<td>Jackson Levil</td>
</tr>
<tr>
<td></td>
<td></td>
<td>20-year-old son of Eliza Levil, living in Wildcat, Tipton Co., Indiana, recorded in the 1880 US Federal Census. [hagen.familyfiles.info (Net)]</td>
</tr>
<tr>
<td>13</td>
<td>Indianapolis</td>
<td>Diana Polini’s</td>
</tr>
<tr>
<td></td>
<td></td>
<td>possessive form of Diana Polini. [Facebook] Diana Polini’s home country is Costa Rica.</td>
</tr>
<tr>
<td>17</td>
<td>Charlotte</td>
<td>Coltheart</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Max, an Australian cognitive scientist. [Wiki]</td>
</tr>
<tr>
<td>Location</td>
<td>Name</td>
<td>Description</td>
</tr>
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<td>---------------</td>
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<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Nashville</td>
<td>Shanville</td>
<td>a guest house near Limerick in Ireland. [<a href="http://www.limerick.ie">www.limerick.ie</a> (Net)]</td>
</tr>
<tr>
<td>Albuquerque</td>
<td>Alburqueque</td>
<td>Alex Alburqueque is a Peruvian baritone. This is how his name is spelt. [Net]</td>
</tr>
<tr>
<td>Long Beach</td>
<td>Bong Leach</td>
<td>album by reggae/ska group ‘Long Beach Rehab’. [Net]</td>
</tr>
<tr>
<td>Kansas City</td>
<td>Katy Cassin</td>
<td>an individual on Facebook.</td>
</tr>
<tr>
<td>Virginia Beach</td>
<td>Virginia Bache</td>
<td>a resident of Blackfoot, Idaho. [Facebook] There are 3 people named Virginia Bache on LinkedIn [Net]</td>
</tr>
<tr>
<td>Minneapolis</td>
<td>mininopales</td>
<td>a tapestry featuring small ’nopales’ cacti. [homefeliz.blogspot.com (Net)] Minnie Opal’s possessive of Minnie Opal, a Portland-based clothing and shoe line. [minnieopal.com (Net)]</td>
</tr>
<tr>
<td>Cleveland</td>
<td>Lev Candle</td>
<td>a brand of perfumed candles created in France in 2017. [levcandle.com (Net)]</td>
</tr>
<tr>
<td>Arlington</td>
<td>Larington</td>
<td>a surname, there are lots on Facebook. Ralington Pharma is an Indian pharmaceutical company. [Net]</td>
</tr>
<tr>
<td>New Orleans</td>
<td>laneowners</td>
<td>the owners of (bowling) lanes; compare ‘homeowners’. ‘… it would be interesting to hear from actual laneowners and their struggle to keep the centre going.’ [<a href="http://www.bowltech.com">www.bowltech.com</a>, Forum, 1 Nov 2012 (Net)]</td>
</tr>
<tr>
<td>Bakersfield</td>
<td>Breakfields</td>
<td>people with the surname Breakfield. According to the 2010 US Census there were 767 Breakfields in the United States. [Wikt]</td>
</tr>
</tbody>
</table>
54 Honolulu Lulu Hoon a resident of Gold Coast, Queensland, Australia. [Facebook]

59 Riverside driveries plural of drivery, a display of driving prowess. [Urban Dict.]

60 Corpus Christi Christi Croup’s possessive form of Christi Croup of Venetia, Pennsylvania, US. [Whitepages]

61 Pittsburgh Britt Pughs people named Britt Pugh, such as several on Facebook.

63 Anchorage Cora Hagen the name of several people on Facebook.

64 Stockton Notstock an annual multi-day arts event held at Minot State University, North Dakota, US. [Net]

65 Cincinnati Cincinnita would be a cool name for a girl from Cincinnati. Nita Cincin and Tinacin cin are on Facebook. Tinacincin lives in Jakarta, Indonesia. [Facebook]

72 Lincoln Collinn appears many times as a given name and surname on Facebook, probable variant of Col(l)in.

74 Fort Wayne Faerytown a fictional town in the fantasy novels of Michele Hauf. [Net] Wayne Fort the name of several people on Facebook.

75 Jersey City Cyrie Jesty possible nickname of Cyril (Benjamin) Jesty, who was born in Weymouth, England in 1892. [livesofthefirstworldwar.org (Net)]

79 Norfolk Folknor surname of 9 residents of Edson, Wisconsin, recorded in the 1880 US Federal Census. [genealogytrails.com (Net)]
Klofron House is in Wisbech, Norfolk, England. [www.zoopla.co.uk (Net)]

87 Glendale engalled past tense of ‘engall’, to embitter. [OED, en- prefix, B.1.b]

Gleeland Street is in Deer Park, New York. [Net]

88 Hialeah Halaei a town in Inner Mongolia. [Geo]

90 Baton Rouge outer Gabon representing some isolated, backward region.

‘We are league champions of England, not outer Gabon for God’s sake.’ [worldsoccertalk.com (Net)]

92 Chesapeake Chase Peake a resident of Altamonte Springs, Florida, US. [Facebook]

94 Scottsdale Todcastles a prehistoric burnt mound in Scotland. [canmore.org.uk (Net)]

Also, persons named Todcastle, or Todcastle’s, relating to the settlement of Todcastle in south Lanarkshire, Scotland. [Net]

95 North Las Vegas Last Hangover’s relating to Last Hangover, a 2010 song by Keyshia Cole. [Net]

96 Fremont fortmen men who guard a fort.

‘…each fort is manned by about a dozen fortmen, whose duty it is to garrison and defend the work.’ [The Life of Sir James Brooke, Rajah of Sarawak, Sir Spenser St John, 1879, p387]

100 Birmingham Min Brigham possible nickname of Minnie B Brigham, who died in Savannah, Georgia in 2009. [www.legacy.com (Net)]

102 Richmond Chromind a European Union trademark for an industrial chemical mix. [www.trademarkia.com (Net)]
<table>
<thead>
<tr>
<th>Page</th>
<th>Location</th>
<th>Name</th>
<th>Description</th>
<th>Source(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>103</td>
<td>Spokane</td>
<td>Kapones</td>
<td>a sports bar in St Clair Shores, Michigan, US.</td>
<td><a href="http://www.kaponesbar.com">www.kaponesbar.com</a> (Net)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Peakson</td>
<td>a limited company in Singapore.</td>
<td>sg.kompass.com (Net)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Speakon</td>
<td>trademarked name for an electrical connector, first made by Neutrik.</td>
<td>Wiki</td>
</tr>
<tr>
<td>109</td>
<td>Shreveport</td>
<td>Herve Prost</td>
<td>resident of Brecey, France.</td>
<td>Facebook</td>
</tr>
<tr>
<td>110</td>
<td>Fontana</td>
<td>nanofat</td>
<td>emulsified and filtered fat, injected to improve age lines, thinning skin, scars, etc.</td>
<td><a href="http://www.faceplus.com">www.faceplus.com</a> (Net)</td>
</tr>
<tr>
<td>113</td>
<td>Moreno Valley</td>
<td>Evelyn la Moro</td>
<td>a resident of Buenos Aires, Argentina.</td>
<td>Facebook</td>
</tr>
<tr>
<td></td>
<td></td>
<td>sumo club</td>
<td>a club devoted to Japanese sumo wrestling. There are hundreds throughout the world.</td>
<td>Net</td>
</tr>
<tr>
<td>117</td>
<td>Augusta</td>
<td>Agutua’s</td>
<td>relating to the Agutua, a river in Ontario, Canada.</td>
<td>Geo</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Taugaus</td>
<td>persons with the surname Taugau, such as several in Port Moresby, New Guinea.</td>
<td>Facebook</td>
</tr>
<tr>
<td>118</td>
<td>Little Rock</td>
<td>ticket-roll</td>
<td>a roll of tickets, such as raffle tickets, attendance tickets, etc.</td>
<td>dictionary.com, ‘blearily’ example (Net)</td>
</tr>
<tr>
<td>121</td>
<td>Huntington Beach</td>
<td>hunting the bacon</td>
<td>slang for pig-hunting. ‘My favourite (gun) for <strong>hunting the bacon</strong> is my 6.8 SPC Piston AR.’</td>
<td>1911forum.com (Net)</td>
</tr>
<tr>
<td>122</td>
<td>Glendale</td>
<td>engalled</td>
<td>(see no. 87)</td>
<td></td>
</tr>
</tbody>
</table>
Grand Rapids  Sparring Dad title of a YouTube clip. [www.youtube.com (Net)]

Tallahassee  Althea Sales resident of Quezon City, Philippines. [Facebook]

Knoxville  Love Linkx an online sex shop on Twitter. [twitter.com/lovelinkx (Net)]

Grand Prairie  rapid-rearing developing quickly, used in farming research for example. ‘These heifers were bred to calve at 19 months and were considered the rapid-rearing group.’ [The Effect of Pre-Pubertal Dietary Restriction..., K L Waite, 1997, p25]

Brownsville  Brownvilles communities named Brownville, such as Brownville, Maine and Brownville, Nebraska. [Wiki]

Overland Park  Park Overland apartments in Overland Avenue, Century City, Los Angeles, California. [parkoverland.com]

Chattanooga  a Chattagoon someone surnamed Chattagoon; there are several on Facebook, but no A Chattagoon.

Fort Lauderdale  foulard-related pertaining to a type of silk head-scarf. ‘There are plenty of reasons why you may suddenly be feeling some foulard-related urges.’ [www.whowhatwear.co.uk (Net)]

Rancho Cucamonga  ‘couch anagram con’ according to www.wordhelp.com, there is one exact anagram of ‘couch’ allowed in Scrabble. That word is ‘couch’. Even if it is pronounced differently (as in ‘couch’ grass) it is still the same letters and is thus a ‘couch anagram con’!
| 146 | Springfield | Fieldspring | Street is in Lake Los Angeles, California. [Net] |
| 148 | Pembroke Pines | Besspoken Prime | a fictional city (probably a deliberate transposal) in ‘Holiday Tales Unlike Any Other’. ‘Ninja sat high on the cliff of a mountain, overlooking the city of Besspoken Prime.’ [www.wattpad.com (Net)] |
| 150 | Peoria | Poreia | a populated place in west Macedonia, Greece. [Geo] |
| 152 | Elk Grove | keg lover | someone who likes beer from a keg (large storage vessel); also keg-lover ‘Whether you’re a cask lover, a keg lover or love them all, we’ve got beer to suit you.’ [The Landsdowne Pub, twitter.com (Net)] ‘… to the total delight of keg-lovers one and all…’ [pagosasun.com (Net)] |
| 156 | Palmdale | Leadlamp | a type of portable, handheld light made by Wolf Safety. [www.wolfsafety.com (Net)] |
| 158 | Springfield | Fieldspring | (see no. 146) |
| 165 | Escondido | condoised | converted into a condo (block of apartments in which each unit is separately owned). 'St-Jean-de-la-Croix (the condoised church).’ [archive.rabble.ca (Net)] |
| 166 | Kansas City | Katy Cassin | (see no. 37) |
| 170 | Sunnyvale | Lyna Venus | a resident of Algiers, Algeria. [Facebook] |
| 175 | Syracuse | cessuary | old colloquial/dialectic for ‘accessory’. ‘…”howsomever, you see, young man, you are but a cessuary before the fack, and not arter, which is
176  Naperville  Pearl Levin  a resident of Cape Town, South Africa. [Facebook]

177  McKinney  Nickymen  Phenyo Tshose lives in Taung, South Africa. [Facebook]

178  Mesquite  Equistem  Technology is a company in Phoenix, Arizona, US.  [www.bizapedia.com (Net)]

Quemites  people named Quemite, such as Jesus Quemite and Adrian Quemite. [www.youtube.com]

Questime  a company that organizes theme party games for various events, based in Boston, US.[questime.com]

189  W. Valley City  city levy law  the law relating to city levies in the PC military strategy game ‘Crusader Kings 2’ ‘City Levy Law is normal - 65 percent.’ ‘This is modified by normal city levy law.’ [forum.paradoxplaza.com (Net)]

(Not a great transposal. We need better!)

191  New Haven  Wenhaven  Drive is a road in Chagrin Falls, Ohio, US.  [www.spokeo.com (Net)]

192  Sterling Heights  sight-sheltering  protecting the eyes. ‘The Blind Long-tailed Owl… has evolved a sight-sheltering plumage to cope with the desert conditions.’ [www.ameliusmagazine.com (Net)]

195  Thousand Oaks  South Sandoka  theoretically, the southern part of Sandoka, a settlement in Nigeria. [Geo]

199  Visalia  Vasilia  a populated place in Cyprus. [Geo]

200  Waco  awoc  early form of ‘awoke’. [Middle English Dictionary, awaken, c1275 quot.]
201  Elizabeth Belize Hat a woven straw Panama style hat with a gold chain decor, by Milano Collection [www.voguewigs.com (Net)]

202  Bellevue Vuebelle Holdings Ltd, a company based in Dublin, Ireland. [www.solocheck.ie (Net)]

206  Carrollton Collartron Systems, a New Zealand firm that makes training collars for dogs. [www.collartron.co.nz (Net)]

controllar early Scots for a ‘controller’. [DOST]

210  Concord condroc a plains bird in the video game Warfare. [warframe.fandom.com (Net)]

211  Roseville Loverlies ‘The Loverlies’ are a worship band from Denton, Texas, US. [Facebook] The spelling loverly also represents a nonstandard form of ‘lovely’, which can be a noun: ‘Good morning, my loverlies, let’s get this party started.’ [Cracked, K M Walton, 2012, p177]

214  Lafayette Lafeyetta female given name, eg Lafeyetta Jackson and Lafeyetta Davis [Facebook], and Lafeyetta Wah. [Whitepages]

219  Midland Dimland Dimland Castle or Dimland Lodge is another name for Dimlands, a small gentry house SW of Cowbridge, SE Wales. [Wiki] Maddlin female given name (variant of Madeleine?), eg Maddlin Isha, Maddlin Bandalo and Maddlin McGown (all Facebook)

222  Allentown nonwallet not relating to a wallet.
‘This is called **nonwallet** data as it is historical in nature and would not typically be found in a person’s wallet.’ [Strategic Information Security, J Wylder, 2003, p113]

| 226 | Independence-de-ninepenced | a contrived word, which could apply in the following context:  
|     |                             | ‘Jack’s mother gave him ninepence for school lunch, but a big boy **de-ninepenced** him, so he went hungry.’  
|     |                             | (Darryl’s **Independence MO = omnidependence** is much better!)  

| 227 | Springfield | Fieldspring | (see no. 146) |
| 228 | Ann Arbor  | Barranon    | a surname listed many times on Facebook and Whitepages. Lots of people named Barranon live in California, US. [Net] |

| 230 | Peoria     | Poreia      | (see no. 150) |
| 232 | Berkeley   | Kerbeley    | a village in the commune of Squiffiec, Brittany, NW France. [www.infobretagne.com (Net)]  
|     |            | Kerbylee    | first name of Kerbylee Rosales of Digos, Philippines. [Facebook]  
|     |            | Lee Kerby   | a North Carolina, US, resident. [Facebook]  
|     |            |             | Also, people named Beryl Kee, Bree Kyle, Kyle Bree and Kyle Beer are listed on Facebook and Whitepages. |

| 234 | Murfreesboro | bourse reform | a stock exchange shake-up.  
|     |              |              | ‘**Bourse Reform**’ is the title of a short online article at Oxford Analytica Daily Brief.  
|     |              |              | [dailybrief.oxan.com, Nov 21, 1988 (Net)]  
<p>|     |              |              | (Darryl’s ‘<strong>Rumors of beer</strong>’ sounds good though.) |</p>
<table>
<thead>
<tr>
<th>Page</th>
<th>Location</th>
<th>Name/Subject</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>240</td>
<td>Miami Gardens</td>
<td>Miriam Danges</td>
<td>resident of Cobb, Georgia, recorded in the 1940 US Census. [<a href="http://www.archives.com">www.archives.com</a> (Net)] females named Miriam Degan, such as the 2 Miriam Degans on Facebook.</td>
</tr>
<tr>
<td>243</td>
<td>Wilmington</td>
<td>Milton Wing</td>
<td>a fictional character played by Regis Toomey in the 1961 film ‘The Last Sunset’. [Wiki] There are of course many real people named Milton Wing. [Whitepages] <strong>miltowning</strong> (1950-60s slang) relaxing; turning on with a ‘Miltown cocktail’. Miltown was a tranquilizer containing the drug meprobamate. ‘Within a few years of its introduction, people were miltowning: turning on with “Miltown cocktail” washed down with a Bloody Mary…’ [Manufacturing Depression, G Greenburg, 2013]</td>
</tr>
<tr>
<td>247</td>
<td>Carlsbad</td>
<td>Clabards</td>
<td>persons with the French surname Clabard, such as Etienne Clabard (b1672), daughter of Jacques and Marie Clabard. Jacques Clabard (b1635), son of Jean and Francoise Clabard[<a href="http://www.myheritage.com">www.myheritage.com</a>, (Net)] Ruelle des Clabards is a street in Serain, N france. [Net]</td>
</tr>
<tr>
<td>248</td>
<td>Westminster</td>
<td>Western Mist</td>
<td>variously, a holiday complex in Kanthaloor, India [<a href="http://www.tripadvisor.com">www.tripadvisor.com</a> (Net)], an Australian racehorse</td>
</tr>
<tr>
<td>Page</td>
<td>Location</td>
<td>Term</td>
<td>Definition</td>
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<tr>
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<tr>
<td>251</td>
<td>Clearwater</td>
<td>claretware</td>
<td>red glasses for claret [<a href="http://www.gumtree.com">www.gumtree.com</a> (Net)]</td>
</tr>
<tr>
<td></td>
<td>Walter Race</td>
<td></td>
<td>resident of Branford, Florida, US. [Facebook]</td>
</tr>
<tr>
<td>252</td>
<td>Lowell</td>
<td>Lellow</td>
<td>a baby and children’s clothing store in Canberra, Australia. [<a href="http://www.lellow.com">www.lellow.com</a> (Net)]</td>
</tr>
<tr>
<td></td>
<td>Olwell</td>
<td></td>
<td>there are many people surnamed Olwell in Ireland and elsewhere around the world. Patrick Olwell is a world-renowned maker of Irish flutes. [Net]</td>
</tr>
<tr>
<td>254</td>
<td>Pueblo</td>
<td>Bolupe</td>
<td>a stream in Latvia. [Geo]</td>
</tr>
<tr>
<td></td>
<td>Pobule</td>
<td></td>
<td>locality in the Ninawa region, Iraq. [Geo]</td>
</tr>
<tr>
<td>256</td>
<td>Fairfield</td>
<td>feldifair</td>
<td>16th century variant of ‘fieldfare’, a species of thrush (bird). [OED]</td>
</tr>
<tr>
<td>257</td>
<td>West Covina</td>
<td>native cows</td>
<td>a type of cattle run in Florida, US, in the 19th and early 20th centuries. Generally, any indigenous cows. ‘The “cracker cow”, also known as the “native cow”, or “scrub cow” averaged about 600 pounds, with large horns and feet.’ [<a href="http://www.newworldencyclopedia.org">www.newworldencyclopedia.org</a>, under ‘cowboy’ [Net]</td>
</tr>
<tr>
<td></td>
<td>Tonic Waves</td>
<td></td>
<td>a 2004 song by Jonni Glaser. [<a href="http://www.deezer.com">www.deezer.com</a> (Net)]</td>
</tr>
<tr>
<td>258</td>
<td>Billings</td>
<td>Billsing</td>
<td>surname of Matilda, Ida, John and David Billsing, residents of Doniphon, Kansas, US, recorded in the 1900 US Federal Census. [ancestry.com.au (Net)]</td>
</tr>
<tr>
<td>260</td>
<td>High Point</td>
<td>High Pinto</td>
<td>a colour pattern on hedgehogs (see quote).</td>
</tr>
</tbody>
</table>
‘High Pinto - A High Pinto hedgehog has all white patches or spots on 50-75 percent of its body and less than 50 percent of its spines colored.’
[www.dreamflowermeadows.com (Net)]

Hopi Night an annual electronic music festival at Hopi Hari, a Brazilian theme park near Sao Paolo. [Wiki]

261 Round Rock Ron Rudock resident of Mt Carmel, Pennsylvania, US. [www.spokeo.com (Net)]

263 Cambridge MacBridge (or Macbridge) a surname found in old census records in US, Canada and Scotland.
[www.ancestry.com.au (Net)] John MacBridge and Steve MacBridge are on [Facebook].

264 Norwalk Kronlaw legal services firm in Brasov, Romania. [Facebook]
low-rank low-ranking, having a low rank or position
‘Who pays attention to low-rank priests?’ [Dragon and Phoenix, J Bertin, 2000]

267 Temecula Cluemate an advisory tool for the deduction board game Clue.
[www.geekgrade.com (Net)]

EMaculet a reggae artist
[www.deezer.com (Net)]

metaclue a clue summing up all other clues.
‘This is a metaclue to the fate of his character.’
[watchkissanimes.blogspot.com (Net)]

Greybane is also a character in the online role-playing game World of Warcraft. [Net]
in jewellery, a particular type of setting.
The ring displays 17 round brilliant cut diamonds,…that elegantly dance across the band in a fishtail claw setting.’
[www.laingsuk.com (Net)]

fictional cross between a rabbit and a chipmunk (or skunk), in digital artwork.
‘It’s her fursona, a rabbit/chipmunk hybrid! Marie the rabbunk by Fishlover.’
[www.deviantart.com (Net)]

resident of Stevenage, England. [Facebook]

contrived name for a guy who craps on the beach. (combining ‘beachpoop’ and ‘poopman’ which exist on the Net.

available in tins mostly. [Net]
used to describe a mass of cables.
‘Finally,… I turned my attention to the cable swamp under my desk.’
[tow.com/decluttering]

supplied with provisions. [OED]
a church in Serbia. [Geo]

a Chrome extension to share online account access, without sharing passwords.
[www.producthunt.com (Net)]

a pop music artist.
[www.deezer.com(Net)]
a farmstead in the Marlborough region, New Zealand.
[nz.geoview.info (Net)]
288  Flint  Fintl  Peter Fintl, Director of Technology and Innovation at Altran Germany.  
[www.altran.com (Net)]

291  Clinton  Coltinn  variant of the male given name ‘Colton’. [The Very Best Baby Name Book, B Lansky, 2012]

295  Greeley  Gerylee  female given name, eg Gerylee M Baron is a lawyer in Alexandria, Virginia, US.  
[www.legaldirectories.com (Net)]  
Greylee  variant of ‘Greyley’, a male given name.  
[www.babynamespedia.com (Net)]

296  Hillsboro  Boris Holl  resident of Belgrade, Serbia  
[Facebook]  
Rob Hollis  the name of several individuals on Facebook.

297  Jurupa Valley  July par value  ‘Par value’ is the face value of a share certificate or bond [Collins English Dictionary, 2015]. Therefore, the face value in July is the July par value. There are a couple of Net hits, but improvement is definitely needed.

300  Lewisville  Ivell Lewis  a young female resident of Pinckard, Alabama, recorded in the 1940 US Census.  
[www.ancestry.com (Net)]  
Wileville’s  relating to the community of Wileville, Nova Scotia, Canada.  
[Wiki]

302  San Angelo  Angelano’s  a family restaurant in Manteca, California, US [Facebook]

303  San Mateo  anastome  a bird of the stork genus Anastomus. [Century Dictionary, 1914]  
Somatane  a village in the Maharashtra state, west-central India. [Wiki]
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<td>306</td>
<td>Tuscaloosa</td>
<td>Lucas Osato</td>
<td>a resident of Ibiuna, Brazil. [Facebook]</td>
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<td></td>
<td></td>
<td>Saulo Costa</td>
<td>name of several persons on Facebook.</td>
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<td>308</td>
<td>Vacaville</td>
<td>Cave Villa</td>
<td>a temple complex in Batu Caves, Malaysia. [Wiki, under ‘Batu Caves’]</td>
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<td>310</td>
<td>Woodbridge</td>
<td>Bridgewood</td>
<td>populated place in Henry County, Georgia, US. [Geo]</td>
</tr>
</tbody>
</table>

References

- **DOST** Dictionary of the Older Scottish Tongue [dsl.ac.uk (Net)]
- **Facebook** online social networking site
- **Geo** GeoNet Names Server, US Board on Geographic Names [geonames.usgs.gov (Net)]
- **Net** the Internet, using Google search program
- **Urban Dict.** Urban Dictionary [www.urbandictionary.com (Net)]
- **Whitepages** telephone directories [whitepages.com (Net)]
- **Wiki** Wikipedia, online encyclopedia [en.wikipedia.org (Net)]
- **Wikt** Wiktionary, online dictionary [Net]
MEAN SIDEWALKS

ANIL
Perth, Australia

REBUSES:
1. (.*,*) 5. 4N8
2. bdii 6. pcepc
3. xrii 7. t t
4. ELMS (hint: horror weapons) 8. 1th/7:13

VENUS DE MILO BEFORE BEING DISARMED

Is this the answer to the question I asked earlier, Who’s afraid of Venus de Milo?

REBUS ANSWERS:
1. Yep, that’s a meerkat. 5. foreign aid
2. beady eyes (another meerkat?) 6. a politically correct personal computer
3. exercise 7. not one iota
4. landmines (L and M in ES) 8. oneth upon a time

'INCORRECT' ANSWER
Teacher: Complete the common saying, “up, up and ___”.
Student: “... up.”
Wonderland

etiquette

Or: Advice from a Katherpillar
About-face

The purpose of this book is to know when to do the right thing or the left thing in any social, emotional, or mental position in which you might find yourself.

The author found an unfortunate want of this text. For over one hundred and fifty years, travelers have come to Wonderland without any clue of its rules. The consequence of rule-breaking here might not be as great as England, but serious or not, it is never pleasant to hear a Queen ask for your head.
Contents

This book starts at the beginning and goes on until the end. After which, it is advisable to stop.
1
If you want to keep your little sister engaged with the text and not pondering daisy-chains, it is best to supply her with suitable reading material. Books that have neither pictures or conversations are too dull to look at.

2
While falling for a very long while and finishing orange marmalade, it is best to remove the label before leaving it so as not to give others false hope.

3
If you find yourself facing the decision of whether or not to drop an item from a great height in a peculiar rabbit hole, you'll likely find that stronger relationships are formed when you do not kill others.

4
If you should fall clear to the other side of the world through a deep, long-lasting rabbit hole, is best not to ask where you are-- for doing contrariwise will undermine the whole reason signs were invented and the whole reason you learned to read.

5
When wanting to travel through small doors, do not attempt to send your head someplace without your shoulders. It shan’t get very far; and if it does, it is doubtful that you will enjoy the experience.

6
When bottling poison and leaving it on a glass table, one must always label the contents. Poison does agree with so few people, after all.

7
If you left a shrinking potion on that glass table instead of poison, do ensure that the potion has limitations. Nobody wants to learn what the doused flame of a candle feels like.
Even if you have grown exponentially from eating a cake, it is
inadvisable to lose contact with your feet. Even if postage gets
expensive as you grow, this is a relationship you never want on
the wrong foot.

Speaking of altering size (whether through cakes or
mushrooms), be wary of your appearance. Tall persons should avoid
excess crying: you are likely to drown someone with your tears
and most people do not appreciate that. It's no use
contradicting someone who thinks you are a predator -- the
politest thing to do is leave. Likewise, if a dog is towering
over you, you ought to treat it differently than an average-
sized-little girl might. Additionally, when finding yourself
enormous, do not bother trying to speak to rodents, such as
rabbits or mice or guinea pigs. You will frighten them and
frightfulness -- in yourself or others -- is not particularly
mannerly.

It is advisable to write down who you are prior to entering and
then to keep amending as you change. You will change so very
often, it can be difficult to keep track of. If you run out of
ink or misplace your pen, you might write with your finger, a
habit donned by lizards named Bill. But this will yield limited
success.

There are few situations where it is acceptable to speak about
cats, particularly if you are fond of the creatures. Whether
your audience is rodents, birds, or a wary King, introducing a
cat to the situation will not go well.

It is customary as a guest to have prizes at the ready, in case
you should find yourself involved in any sort of drying
exercise, like a caucus race.
13
There is no reason to overspeak in Wonderland. In fact, it is exceedingly boorish to adopt elongated, laborious vocabulary. Do not be a Dodo.

14
Do not laugh in the face of serious events. This should indeed be obvious, but what is odd to you might be sacred to another—such as gifting someone the thimble they already owned.

15
Do listen to all tails from mice, as long and sad as they might be.

16
When communicating with said mouse, be double-certain that you are understanding the correct homonym being used. Responding to another looks like downright nonsense.

17
Keeping track of personal items, or another person’s all items, is mannerly and might save lives! Collect white kid-gloves for rabbits in particular.

18
If you find yourself in a rabbit’s house, be wary of bottles and cakes without instructions. Although it will always be interesting, that interest could end in a snapped neck, especially when drinking indoors. This is not a lovely sight to leave for your host to find. That said, if you must frighten your host, kindly aim to do so away from glass.

19
Try to maintain proper communication with your rabbit host. If you are stuck within a house because you have grown monstrously large eating a cake, everyone will want to help you out—particularly in ways that hurt no one!
Be ready to use your notes of who you are and who you’re becoming when you meet a caterpillar— but if you are not ready to answer the question, at least make up for the error by remaining patient with the asker.

Be mindful of your thoughts in Wonderland. Like whispers, some might hear them better than others. Try not to be rude in your head. The caterpillar will know.

Although in England it is considered good practice to always knock, you must think critically of its use in Wonderland. If there is a ruckus in the house from a cook, Duchess, and infant, and if there is a frog footman on the side of the door you are on, knocking might not get you anywhere.

In general, it is good to accept the “truth” of what a Duchess tells you. You will either learn or know you are wiser. But she need not know if it’s the latter. No one likes to feel underwise. The exception to this rule is if their logic will hurt you or another. Even so, it is more polite to quietly steal the abused baby than to directly confront the Duchess.

Even though cats are often disliked— or perhaps because of it— you’ll find that should you treat a friendly-looking Cheshire Cat with respect, you are sure to make a friend.
Some Cheshire Cats have found that accepting the inherit madness of dreaming opens it up to deliberate magical properties. You might also gain this ability. You might disappear and reappear, or you might grow without treats, or shuffle a difficult stack of cards. Use this selectively; too much is practically bragging and thus impolite. And, when using dream-magic, comply to requests. There’s no need to vanish quickly, and you might just make someone’s day with a single grin!

Time can be fickle. Treat him like royalty and he should not work against you or, worse, snub you altogether into perpetual teatime.

Although it’s just darling to offer wine to guests, make sure you have the wine you are offering on your table for tea. In short, be civil.

Refrain from personal remarks. But do expect to hear them from Hatter or March Hares. It’s best to lead by example. If you embarrass someone by chastising them, they are bound to turn your words against you sooner or later.

Practice these good tea-manner: do say what you mean. It’s more helpful than meaning what you say. Similarly, if you don’t think, there’s not much value in talking.

If you can remember to bring a functioning watch, particularly one with the date, you might find someone in desperate need of it. Even the very best butter might not fix the gears in a Hatter’s watch.
You’ll find there’s not a lot of point in trying to win games, like croquet with the Queen. Instead, enjoy the company, conversation, mayhem, and fun. Do not feel bad for not prioritizing the game itself. It’s perfectly healthy to not enjoy playing with living things (flamingoes, hedgehogs, and cards) as tools.

It is difficult to thrive in society while looking foolish. As such, here are some tools to help you avoid looking stupid. When possible, do practice demonstrating your intellect while alone; it can be frightful to find yourself saying the complete wrong thing to someone who nose more. Do have more than one way of handling your problems; someone or something is bound to come along that will render your tactic useless (like a bodyless cat that needs to be beheaded).

If at all possible, avoid those spices that rile your temper. If your cook is too fond of pepper, try your best to manage the chaos. Consider adding more sweet things to your diet to balance your mood.

Although a Duchess’ sharp chin is a nuisance, it is most polite to ignore it.

You might find helping Duchess’ find morals will increase general morale. Some people are quite fond of inventing reason where it doesn’t belong.

But also be aware that a Duchess will not take well if you think too deeply. It can interrupt the flow of idle conversation.
Although it is common knowledge that no one will truly be beheaded, it is most polite to react with fear--especially if the queen is present. The same can be said for a Mock Turtle fancying it’s sad; that is, the nicest way to interact with Wonderlandians is to follow suit with whatever they are projecting.

I cannot stress enough that one of the rudest things you can do is to interrupt a Gryphon or Mock Turtle with a dull, simple question. This is tricky, because Wonderlandians have a different sense of these things. In general, if something strikes you as odd, think back to the last thing said and imagine if there is a pun to be made from it. If so, that is likely the “obvious” answer.

Unlike in England, you will find it rare to receive proper invitations. This includes anything from royal parties to a court summons. As such, it is best to keep walking until you get somewhere interesting.

In the event you have knocked people over on the jury bench, try to right them. In the event that you right them lefty (by leaving them upside down) do try to re-right them.

Care not to grow up too fast in Wonderland. You’ll squeeze whoever you’re next to and it is unpleasant to be crushed.

All persons more than a mile high to leave the court.

This last added by the King of Hearts
A CHRISTMAS CARD

SIMON NIGHTINGALE
Shrewsbury, England

\[ y = \frac{\log_e \left( \frac{x}{m - sa} \right)}{r^2} \]

\begin{align*}
\sigma_{\text{mean}} &= x - \text{mean} \\
\sigma_{\text{median}} &= x - \text{median} \\
\sigma_{\text{mode}} &= x - \text{mode} \\
\sigma_{\text{3rd quartile}} &= 10^{0.9}(x_{1.5 m - 2a}) \\
\sigma_{\text{3rd quartile}} &= \frac{10^{0.9}(x_{1.5 m - 2a})}{10^{0.9}(x_{1.5 m - 2a})}
\end{align*}
THE MARTIN GAME
By Jeremiah Farrell

The MARTIN diagram uses each letter of the name exactly three times to form nine chemical symbols.

The Game. Two players alternately select nodes trying to obtain three nodes with a common letter or three nodes of the same color obtaining all the letters of MARTIN. To be completely fair both players have only four plays and if First cannot win in four moves the win is awarded to Second.
SOLUTIONS

How to win Martin Gardner. Take note of the three sets of misses. AIE, MRT, GND. First can take any node and if Second plays another in First’s misses, First takes the third. When Second selects in a different miss set, First forces Second to waste a move by forcing Second to play another of his misses.

How to win at Martin. First can always win by initially selecting Mn, Ra or Ti. If Second chooses another of these three, First takes the last one and then plays rationally. If Second instead takes any other node than one of the three, First can win by forcing Second to block with a wasted move. Rational play will then win for First.

These games are examples of symmetric configurations and both are adaptations of some in the article “Configuration Games” by Jeremiah Farrell, Martin Gardner, and Thomas Rodgers in the 2005 book by AK Peters Tribute to a Mathemagician, edited by A. Cipa, E.D. Demaine, M.L. Demaine and T. Rodgers.
MULTIPLE ELEMENTS IN SINGLE WORDS

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Here’s a little piece of wordplay that I’ve been tinkering with for a while. It’s something I’ve been able to dip into for a few minutes, and then come back to after a couple of hours, days or weeks later to see if I could make some improvements. If Word Ways readers can improve on any of my finds, do let the editor know. Right, here we go ...

Here’s the initial problem simply stated: what’s the shortest word from which the names of 2 chemical elements can be spelled out? There’s no point in wrestling with long element names like PLATINUM or RUTHERFORDIUM – it’s best to consider short element names. With that in mind, it’s not hard to spot that IRON and TIN can both be spelled out, separately of course, from INTRO. There’s also XENON, from which both NEON and XENON can be spelled out, but I don’t like that because of XENON being repeated.

The poser can be generalised: what’s the shortest word from which an increasing number of chemical element names can be spelled out? Here are some 3-element 7-letter solutions:

ADORING has ARGON, IRON and RADON
DIATRON has IRON, RADON and TIN
ORATING has ARGON, IRON and TIN

I had hoped to find an 8-letter word from which 4 element names could be spelled out, but my best solutions so far are for 9-letter words. Is there a 4-element 8-letter solution? If you can find one, please get in touch.

BACTERIUM has BARIUM, CERIUM, ERBIUM and TERBIUM
GRADATION has ARGON, IRON, RADON and TIN
RELOADING has ARGON, GOLD, LEAD and RADON

To find the shortest word containing 5 element names, I had to progress to a 10-letter word:

CUMBRAITES has BARIUM, CERIUM, CESIUM, ERBIUM and TERBIUM
Of course, you could swap the American spelling of CESIUM for the British spelling CAESIUM, but I don’t think you can include both of them – after all, they are the same element. Can anyone find a 5-element solution in a word of fewer than 10 letters?

I was able to jump over a 6-element solution and go straight to a 7-element solution with an 11-letter word. Here’s my best 7-element find:

BIMUCRONATE has BARIUM, CARBON, CERIUM, ERBIUM, IRON, TERBIUM and TIN

How about an 8-element solution? Here’s my best solution so far, using a 12-letter word:

TURBINECTOMY has BROMINE, CERIUM, ERBIUM, IRON, TERBIUM, TIN, YTTERBIUM and YTTRIUM

But a 10-element solution is possible by choosing a different 12-letter word, thus:
TURBOMACHINE has BARIUM, BOHRIUM, BROMINE, CARBON, CERIUM, ERBIUM, IRON, TERBIUM, THORIUM and TIN

Going with one letter longer, I managed to add one further element, with this 11-element 13-letter solution:

UNPROBLEMATIC has BARIUM, BROMINE, CARBON, CERIUM, COBALT, ERBIUM, IRON, NOBELIUM, PLATINUM, TERBIUM and TIN

However, harking back to the earlier TURBOMACHINE, by simply pluralizing it with an S, I managed to add three more elements to come up with this 13-element 13-letter solution:

TURBOMACHINES has ARSENIC, BARIUM, BISMUTH, BOHRIUM, BROMINE, CARBON, CERIUM, CESIUM, ERBIUM, IRON, TERBIUM, THORIUM and TIN

Onwards and upwards! I haven’t been able to find a good 14-element solution, but I have jumped straight to this 15-element 15-letter solution:

PULMOBRANCHIATE has BARIUM, BOHRIUM, BROMINE, CARBON, CERIUM, COBALT, ERBIUM, HELIUM, IRON, NOBELIUM, PLATINUM, RHENIUM, TERBIUM, THORIUM and TIN

Once again, simple pluralisation by the addition of an S generates an additional three elements, for this 18-element 16-letter solution:

PULMOBRANCHIATES has ARSENIC, BARIUM, BISMUTH, BOHRIUM, BROMINE, CARBON, CERIUM, CESIUM, COBALT, ERBIUM, HELIUM, IRON, NOBELIUM, PLATINUM, RHENIUM, TERBIUM, THORIUM and TIN

One letter longer and with 2 more elements is this 20-element 17-letter solution:

BRANCHIOPULMONATE has BARIUM, BOHRIUM, BORON, BROMINE, CARBON, CERIUM, CHLORINE, COBALT, ERBIUM, HELIUM, IRON, LANTHANUM, NEON, NOBELIUM, PLATINUM, POLONIUM, RHENIUM, TERBIUM, THORIUM and TIN

Yet again, the addition of an S provides us with a plural and another 3 elements, leading to this 23-element 18-letter solution:

BRANCHIOPULMONATES has ARSENIC, BARIUM, BISMUTH, BOHRIUM, BORON, BROMINE, CARBON, CERIUM, CESIUM, CHLORINE, COBALT, ERBIUM, HELIUM, IRON, LANTHANUM, NEON, NOBELIUM, PLATINUM, POLONIUM, RHENIUM, TERBIUM, THORIUM and TIN

Looking back on the solutions above, the TURBINECTOMY solution hasn’t been extended. To improve on TURBINECTOMY, I needed to find a longer word containing all the letters of TURBINECTOMY, and then see what additional elements, if any, it allowed for. The only longer word containing all the letters of TURBINECTOMY appears to be INTERCOMMUNABILITY. This allows for 9 additional elements, so I now have a 17-element solution from this 18-letter word, thus:

INTERCOMMUNABILITY has ACTINIUM, AMERICIUM, BARIUM, BROMINE, CALCIUM, CARBON, CERIUM, COBALT, ERBIUM, IRON, NIOBIUM, NOBELIUM, TERBIUM, TIN, TITANIUM, YTTERBIUM and YTTRIUM
Clearly, the BRANCHIOPULMONATES solution (23 elements, 17 letters) is a superior solution. That’s about as far as dictionary-listed words take me.

However, using a word not yet in dictionaries, but which can be found on the internet, with tens of thousands of Google hits, I managed to find this spectacular solution. There are 29 elements in this 22-letter word:

**NANOBIPHARMACEUTICALS** has ACTINIUM, ARSENIC, BARIUM, BISMUTH, BOHRUIUM, BORON, BROMINE, CALCIUM, CARBON, CERIUM, CESIUM, CHLORINE, COBALT, ERBIUM, HELIUM, IRON, LANTHANUM, LITHIUM, NEON, NIHONIUM, NIOBIUM, NOBELIUM, PLATINUM, POLONIUM, RHENIUM, SILICON, TERBIUM, THORIUM and TIN

Here’s a brief explanation of NANOBIPHARMACEUTICALS: Nanobiopharmaceutics is the application of nanotechnology into the world of medicine. It is an inter-disciplinary field involving the usage of nanoparticles to deliver biopharmaceutical products into the body. It involves knowledge from nanobiotechnology, biotechnology and biopharmaceutics. The different products so delivered are termed nanobiopharmaceuticals.

As the lengths of the ‘solution’ words presented above have increased, the numbers of elements contained in those words have increased. You might say that increasing the length of the solution word and/or increasing the number of its different letters will inevitably lead to an increased number of elements. But this isn’t necessarily so, though. Consider the familiar isogram **DERMATOGLYPHICS** with its 15 different letters – this contains just 2 elements, GOLD and LEAD. Consider another familiar 15-letter isogram, **UNCOPYRIGHTABLE** – this contains a meagre 5 elements, ARGON, CARBON, COBALT, IRON and TIN. Thus, isograms aren’t necessarily a route to finding multi-element solutions. How about really long words? The longest main entry in the Oxford English Dictionary is the 29-letter **FLOCCINAUCINIHILIPILIFICATION** – it contains a solitary element, TIN. As with isograms, long words aren’t an obvious route to finding solution words with multiple element names.

Key to finding solution words with multiple element names is to find groups of elements with several shared letters, and then attempt to add one or two letters at a time while expanding the number of elements in the solution word. Once I got beyond the 5-letter solutions, it was useful to note the overlap between ERBIUM and TERBIUM. Addition of an A brings in BARIUM, then adding a C captures CERIUM. Adding an S adds CESIUM (or CAESIUM, if you prefer). Then addition of N and O allows for the additional elements BROMINE, CARBON, IRON and TIN. So by now, I’m looking for solutions with the letters ABCEIMNORSTU. Adding an H will rope in BOHRUIUM and THORIUM. And then adding an L will allow for CHLORINE, COBALT and HELIUM. I would suggest that we now have a group of 14 letters ABCEHIKLMNORSTU that will need to exist in any solution word that has at least 13 elements. COUNTERESTABLISHMENT is a good 20-letter example, but BRANCHIOPULMONATES is better still, with fewer letters (18) and the addition of a P and a second O.

Here are the solution words used in this article, briefly defined, with a dictionary source shown.
INTRO (a usually short introduction to something; the online Unabridged Merriam-Webster Dictionary - UMW)
ADORING (present participle of adore; UMW)
DIATRON (a type of electrical circuit; Collins English Dictionary)
ORATING (talking in a declamatory or impassioned manner; UMW)
BACTERIUM (a microorganism that typically lives in soil, water, organic matter, or the bodies of plants and animals; UMW)
GRADATION (a series of things forming successive stages or steps; UMW)
RELOADING (loading again; UMW)
CUMBRAITES (plural of CUMBRAITE, a type of rock; Webster’s Second Edition – W2)
BIMUCRONATE (having two points; W2)
TURBINECTOMY (surgical removal of one or more turbinate bones; UMW)
TURBOMACHINE(S) (a machine of the nature of a turbine; W2)
UNPROBLEMATIC (not presenting puzzles or raising questions or doubts; UMW)
PULMOBRANCHIATE(S) (a book lung, as of a spider; UMW)
BRANCHIOPULMONATE(S) (a type of arachnid, such as a king crab; W2)
INTERCOMMUICABILITY (the quality of being mutually communicable; UMW)
NANOBIOPHARMACEUTICALS (nanobiopharmaceutics is the application of nanotechnology into the world of medicine; it is an inter-disciplinary field involving the usage of nanoparticles to deliver biopharmaceutical products into the body; it involves knowledge from nanobiotechnology, biotechnology and biopharmaceutics; the different products so delivered are called nanobiopharmaceuticals)
DERMATOGLYPHICS (the science of the study of skin patterns; UMW)
UNCOPYRIGHTABLE (not able to be copyrighted; OED)
FLOCCINAUCINIHILIPILIFICATION (the action or habit of estimating as worthless; OED)

Footnote:
Throughout this article I have used the names of elements as approved by IUPAC (the International Union of Pure and Applied Chemistry). I have ignored the Latin names used for some of the elements (for example, NATRIUM, STANNUM and STIBIUM) and I have also ignored old/earlier/suggested/preliminary names used for some of the elements (eg BRIMSTONE for SULPHUR/SULFUR, CELTIUM for HAFNIUM, and TYRIUM for NEODYMIUM). Many of these alternative names can also be spelled out from the solution words mentioned above, thereby increasing the total number of elements which can be spelled out. Most dramatically, the NANOBIOPHARMACEUTICALS list of additional elements includes these:

NANOBIOPHARMACEUTICALS also has ALABAMINE (suggested name for ASTATINE), AThENiUM (proposed name for EINSTEINIUM), BRIMSTONE (old name for SULPHUR/SULFUR), CELTIUM (suggested name for the discredited discovery of HAFNIUM), NATRIUM (Latin name for SODIUM), NITON (former name for RADON), NORIUM (suggested name for the discredited discovery of HAFNIUM), POLICIUM (proposed name for DARMSTADTIUM), SPECTRIUM (suggested name for YTTERBIUM), and STIBIUM (Latin name for ANTIMONY)
“I WONDER IF THEY SERVE JOOKIES IN KALE”
A Plethora of New Spoonerisms, Transpositions, and Chiasmus

DON HAUPTMAN
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In May of last year, NBC’s Saturday Night Live parodied the “To Catch a Predator” series that ran on the same network for a decade. In the skit, Tina Fey plays an undercover investigator in an entrapment operation. Rummaging through the culprit’s bag, and finding a package of snacks, she sarcastically proclaims: “I wonder if they serve jookies in kale!”

The “mistake” is part of the script. The “director” calls for a retake, baffling the hapless offender, who is unaware that he’s participating in a reality show. It’s pretty darn funny. Search the punch line to find the video on YouTube. At this writing, 850 comments are posted, although I didn’t spot any that noted that the joke is a spoonerism.

Speaking of comedy troupes, you may be acquainted with the Capitol Steps.

Launched by a gang of congressional aides in 1981, the acclaimed group has been performing ever since. The Steps’ repertoire involves recasting popular songs for purposes of political satire. (Samples: “I’m So Indicted.” “Help Me Fake It to the Right.”) But every show also includes a spoken-word spoonerism routine. (Example: “He’s in trig bubble!”) Although the content changes to reflect current events, the monologues, lampooning Washington scandals and gossip, are always called “Lirty Dies.” Videos are online; Google that distinctive nonsensical locution.

When I researched my spoonerism book, Cruel and Unusual Puns, in the late ’80s, I recalled those routines from performances I had attended while in Washington on business. I interviewed William Strauss, one of the founders and original cast members. He granted me permission to reprint one of the skits, and supplied background details, recounted in the book.

Last June, the Capitol Steps made a rare appearance in New York City, my hometown, and I attended a performance. Toward the end of a packed evening of musical parodies, I thought the spoonerism segment might have been dropped. Fortunately, a performer emerged in the nick of time to deliver the trademark act.

The audience went wild! It was a long, rapid-fire, pyrotechnic spiel that must have had people wondering how anyone could possibly have memorized it all. My impression was that this part of the show generated more laughter and applause than anything that had preceded it.

But I soon encountered a lone dissenter. On exiting, I overheard two women of a certain age, one of whom was clearly irritated. “What was that last thing all about?” she grumbled to her companion. “I didn’t understand it.”
I couldn’t resist breaking in: “Did you hear the audience?” They seemed interested, so I delivered a brief impromptu lecture on how spoonerisms work and who Dr. Spooner was, and even explained that speech errors provide a “window into the mind,” generating valuable insights for psychologists, neurologists, and linguists.

Of course, I always carry reprints of my Word Ways articles, so I gave her a recent one on the subject under discussion. I hope she subsequently reconsidered her testy reaction.

With that morality tale concluded, let’s proceed to the latest specimens. Originality disclaimer: With the three exceptions noted in the credit line below, my searches generated no matches. (Hmm. That suggests a fictional C&W singer named Mo Natchez.)

- Secret society for pirates and witches: Skull and Boss Crones.
- Esoteric landscaping practice: The weeding of the rill.
- In light of the frequent criticisms of people who game the system, an entrepreneur should create and market System: The Game.
- Sand Lakes is a recreational area in Michigan. The tourism authorities could adopt a somewhat retro slogan: “Land Sakes! Sand Lakes!”
- Lifestyle maxim: Enjoy your retirement; don’t retire your enjoyment.
- Remember the children’s verse about the journey of Wynken, Blynken, and Nod? Had the first two kids stayed behind, the poet could have exclaimed: Nod only goes!
- Advice for eulogists: It is better to be dearly missed than merely dissed.
- I am not so much worried about the culture of scarcity . . . as I am about the scarcity of culture.

Finally, a 2018 news roundup: Last July, a researcher discovered that in 1811, the future King George IV was a fan of Jane Austen—so he was both a royal leader and a loyal reader. In November, when F.A.O. Schwarz reopened after having been shuttered for three years, some longtime customers reportedly erupted in tears of joy—though my hunch is that disgruntled manufacturers uttered jeers of toy. And I learned that enthusiastic fans who visit the sites where their favorite movies have been filmed are called set-jetters.

Credits: Re “boss crones,” “retire enjoyment,” and “Nod,” online searches revealed that I was anticipated in each case by a few people, but the contexts above are my own creations.

A postscript about William Strauss: Bill and I kept in occasional touch. For many years, I received comp copies of the Capitol Steps’ albums as they were released, thanks to his thoughtfulness and generosity. Bill also had a serious side: With Neil Howe, he wrote books on history, demographic trends, and generational theory. The team coined the now-ubiquitous term “Millennials.” I was saddened to learn of his death in 2007.
**NOW AND THEN**

Steve Kahan

When asked, “Where are you from?”, the appropriate response might very well depend upon the year in which the question were posed. Such is the dilemma faced by the inhabitants of the twenty-four nations whose current names are listed in the “NOW” column below. Each country therein was formerly known by a different name, these being presented in the “THEN” column. The challenge that awaits you is to match the new monikers with the old ones.

<table>
<thead>
<tr>
<th>NOW</th>
<th>THEN</th>
</tr>
</thead>
<tbody>
<tr>
<td>(A) BANGLADESH</td>
<td>(1) ABYSSINIA</td>
</tr>
<tr>
<td>(B) BELIZE</td>
<td>(2) BASUTOLAND</td>
</tr>
<tr>
<td>(C) BENIN</td>
<td>(3) BECHUANALAND</td>
</tr>
<tr>
<td>(D) BOTSWANA</td>
<td>(4) BESSARABIA</td>
</tr>
<tr>
<td>(E) BURKINA FASO</td>
<td>(5) BRITISH HONDURAS</td>
</tr>
<tr>
<td>(F) CAMBODIA</td>
<td>(6) BURMA</td>
</tr>
<tr>
<td>(G) DJIBOUTI</td>
<td>(7) Ceylon</td>
</tr>
<tr>
<td>(H) ETHIOPIA</td>
<td>(8) DAHOMEY</td>
</tr>
<tr>
<td>(I) GHANA</td>
<td>(9) DUTCH GUIANA</td>
</tr>
<tr>
<td>(J) IRAN</td>
<td>(10) EAST PAKISTAN</td>
</tr>
<tr>
<td>(K) IRAQ</td>
<td>(11) ELLICE ISLANDS</td>
</tr>
<tr>
<td>(L) LESOTHO</td>
<td>(12) FRENCH SOMALILAND</td>
</tr>
<tr>
<td>(M) MALAWI</td>
<td>(13) GOLD COAST</td>
</tr>
<tr>
<td>(N) MALI</td>
<td>(14) KAMPUCHEA</td>
</tr>
<tr>
<td>(O) MOLDOVA</td>
<td>(15) MESOPOTAMIA</td>
</tr>
<tr>
<td>(P) MYANMAR</td>
<td>(16) NEW HEBRIDES</td>
</tr>
<tr>
<td>(Q) NAMIBIA</td>
<td>(17) NORTHERN RHODESIA</td>
</tr>
<tr>
<td>(R) SRI LANKA</td>
<td>(18) NYASALAND</td>
</tr>
<tr>
<td>(S) SURINAME</td>
<td>(19) PERSIA</td>
</tr>
<tr>
<td>(T) THAILAND</td>
<td>(20) SIAM</td>
</tr>
<tr>
<td>(U) TUVALU</td>
<td>(21) SOUTHERN RHODESIA</td>
</tr>
<tr>
<td>(V) VANUATU</td>
<td>(22) SOUTHWEST AFRICA</td>
</tr>
<tr>
<td>(W) ZAMBIA</td>
<td>(23) SUDANESE REPUBLIC</td>
</tr>
<tr>
<td>(X) ZIMBABWE</td>
<td>(24) UPPER VOLTA</td>
</tr>
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</table>
**NOW AND THEN – Answers**

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<tr>
<td>(K)</td>
<td>(15)</td>
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<td>(2)</td>
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</tbody>
</table>
THE PUZZLE OF MY LIFE

JEREMIAH FARRELL
Indianapolis, Indiana

Unless noted, entries are from Chambers’ Dictionary.

ACROSS
1 Navy boats
5 Thesaurus editor
10 Foot part
14 Direction: abbr.
17 One of many here
18 Love muse
19 Move
20 Greek letter
21 Gem
22 African language group
23 Kin
24 Trains: abbr.
25 When I ____ (with 47 and 70 across, my life story)
29 Strong needs
30 Rents
31 Informal greeting
32 Northern police
36 Atomic _____
37 Small cut
38 Photos were always ____ articles
39 Senior to be
40 Cash
41 ____one way to lose
42 Dry
43 Tunes
44 Seed hairs
45 Vigor
46 Swoop
47 See 25 across
54 ____a blank
55 Press
56 Game sixes
57 Nazi official Albert
59 Each
60 Shirkers
61 Mars
62 What’s well to will
63 Art deco
64 Goofs
65 Gin type
66 Floppy rest area
67 ____and eights (poker hand)
68 Choir recess
69 Bewail
70 See 25 across
77 Chemical ending
78 Not sing.
79 Darnell or Evans
80 Certain reed
81 Nick
82 For ____jolly good fellow
83 Richard, artist
84 Tear
85 Gore’s
86 Type of gun
87 ____et a travers (Fr. at Random)
88 Choppers

DOWN
1 Garbage boat
2 Leg bone
3 Gets
4 Attractive
5 Moves the treasure
6 Fruits
7 Indian river
8 Feminine ending
9 Journey
10 Attach metal
11 Tell
12 School group
13 ____Kong
14 Masses
15 Striped
16 That ____lady, ...
26 The Dimaggio brother’s
27 Homer work
28 Frosting
32 Fresno area, in brief
33 Edible bulb
34 Muslim body
35 Metallurgy etching (OED)
36 Theme
37 Visitor
39 Ma’s mom
40 Middle East Kingdom
42 There outta be ____
43 In a while
45 Water jug
46 Sign word
48 Mine finds
49 Greek god
50 Scout, at times
51 Sour
52 Jules, science writer
53 Gaul’s war chariot (OED)
57 Certain drivers
58 Old Persian dialect
59 Resin flavored
60 Sunday dinner often
61 Hypnotic barbiturate
62 Loser
63 To mutter
65 Mate
66 ____a frazzle
67 Jungian soul
68 Lace tag
69 Damp
70 ___Dashboard readings: abbr.
72 Dog bane
73 Wedding dance
74 Mountain goat
75 Nada
76 Obtains
Sanskrit is renowned for its complexity, fineness and capacity to communicate subtle philosophical ideas. Less explored are its palindromic connections. Palindrome enthusiasts are probably aware of the marvel of Śiśupālavadha created by Magha, which displays a number of remarkable reverse verses and other forms of constrained writing and word play. Stanza 27 features famous 32-syllables ‘perfect in all directions’ sarvatobhadra verse – one of the most exquisite palindromes ever written.

Apart from that, awareness about experimentations in the oldest Indo-European language is rather limited. But let’s not overlook the pleasure and inspiration that can be derived from Sanskrit for recreational linguistics, as exquisiteness of methods used by Indian poets in many cases surpassed the scope of present-day logology. For example, unique in the history of literature is phenomenon of shlesha – bitextual poetry with different layers of meanings injected in one text.

Among the vast variety of Sanskrit poetic forms was also ingenious art of chitrakavya, combining visual poetry and word play. It included vilomakavya – syllabic palindromes and bidirectional verses. Remarkably, palindromes constructed by Indian poets were not only skillful, but also meaningful. Daivajna Suryadasa Kavi wrote famous Rāmakṛṣṇavilomakāvyā – religious invocations for Rama, which read in reverse turn into Krishna’s praise.

Much more will be revealed to an inquisitive reader eager to venture into the realm of Sanskrit word play. As this paper is not intended to be a historical research, the abovesaid was mentioned for merely introductive purpose.

Below the author attempts to built Latin word squares, while using Sanskrit words. Avoiding Devanagari is dictated by the nature of experiment and is not meant to debase the visual beauty of the script.
1. The first square displays combination of words *anna* (food, cereal, rice) and *naan* (oven-baked flatbread – Hindi word derived from Persian *nān*).

The square features balanced visual play between A and N letters, semantically denoting transformation of grain into bread or representing generalized food in opposition to its specific form. A’s shape can be compared with a seed, whereas N looks like splitting or braking something. A is traditionally the beginning of language and the first phoneme in initial sacred sound AUM.

It is worth mentioning that food has important connotations in Indian philosophy. In Upanishads food is generalized as sustaining substance or nurturing object. Taittiriya Upanishad exclaims ‘I’m food (*aham annam*), I’m food, I’m food! I’m the eater of food, I’m the eater of food, I’m the eater of food! I’m the poet, who joins the two together, I’m the poet, I’m the poet’!

Food becomes sacred after sacrificial offering, spiritualized by divine touch.
2. A new letter ‘M’ is introduced to the word square, while fortifying its visual symmetry. Anana means breathing, living, and further elaborates on idea of food as life sustaining agent. Ānana (with capital long [a:]) can also mean mouth or door, a nice match either. Nāman is name, essence, form or substance, while amama – devoit of attachment, egotism, indifferent. Combined meaning is quite vague, but we can suggest that the square hints at altruism as a real name behind living (nourished by food).

3. Finally to bring things together the word ānāmana – conciliation, propitiation – is introduced. We still have same 3 letters with original anna square in the middle, and enveloping anana and anamana lines, their letters almost erupting from the center, at the same time being contained by plain circular motion of the picture.

We can also put the palindrome into different visual shape, featuring some mouth opening and eye stretching (eye is nayana नयन in Sanskrit). See the next page.
As the final remark, the author would like to share his view that sustainable palindromic practice, apart from mastering a mother tongue, requires reinforcement with interdisciplinary and interlinguistic links. High palindrome is both poetic and intellectual deed that feeds on meanings and senses.

Otherwise, how on Earth would one know that DEITY TIED might have a very concrete definition? It is Damodar – another name of mischievous Krishna, who was tied with rope by his mother Yasoda.

References:
Christopher Minkowski, On Suryadasa and the Invention of Bidirectional Poetry
Sanskrit – English Dictionary for Spoken Sanskrit
S.Srinivasarao, Chitrakavya – Chitrabandha
Taittiriya Upanishad translated by F. Max Muller
Yigal Bronner, Extreme Poetry: The South Asian Movement of Simultaneous Naration
Ode to Epaulette
She's a sad female soldier
with a chip on her shoulder.

MORE FUNNY WORDS or NEW MEANINGS:

airotic  deluded, only pretending or imagining oneself to be erotic
Anilist  a calculating follower of Anil  (Shucks, there must be at least one of you out there!)
bottom line  cellulite
Catholism  New Age holistic philosophy for cool cats  (Catholics call it “i e not!”)
detourist  a traveller who’s had his fill of detours, an ex-tourist
doxop  a Dr. Duck sop or potion which also works when you are upside down
dramedy  It’s the new word for DRAMa-comEDY movies. For real. Don’t blame me this time. But it’s often more apt the other way, COMedy-drama?
farce majeure  This article?
involunteer  draftee
katydo  young kaytdid before doing it
Latin Americans  US citizens of Latin extraction  (All about to be evicted?)
maleshowmanist  one who isn’t embarrassed to be a man
obscenery  an outdoor sex show
purrseverance  The cat’s lost its tongue.  (From persistently licking its paws the wrong way?)
sodium chloride  a salt in battery
spy ring  a kid’s toy
Taxistan  a tax haven country where rich old cabbies go to retire
Urined!  a euphemism and anagram for when plans are ruined and you need to cuss in public (Reminds me of when my late father hurt himself and needed to swear in front of me. I was too young to hear real cussin’ so he fiercely shouted “Intercourse!”)
undertaker  a person who nicks knickers (steals ladies’ underpants) from clotheslines
vs.-a-vs.  an endless fight or debate
withdrawl  how Southerners get their money from the bank
PINPOINTING LETTERS

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PINPOINTING can be defined as locating, fixing or directing with extreme precision.

Below, I offer a selection of phrases, each of which pinpoints a specific letter of the alphabet A - Z.

This is accomplished by using a word which targets the required letter:

1. words which indicate that the required letter is at the beginning of a word
   HEAD FRONT BEGIN BEGINNING LEFT FIRST FORE START STARTING OPENER OPENING LEADER ENTRANCE

2. words which indicate that the required letter is at a specific position inside a word
   CENTER EYE MID MIDDLE. SECOND, THIRD, FOURTH etc.

3. words which indicate that the required letter is at the end of a word
   TAIL BACK END RIGHT LAST HIND FINISH CLOSE CLOSED CLOSING TERMINAL TERMINUS FINAL BEHIND

AN A - Z OF LETTER LOCATION

A. THE BEGINNING OF THE ALPHABET THE FIRST OF APRIL FIRST OF ALL
   THE SECOND ALL (cricket) THE END OF AIDA (the opera)

B. STARTING BLOCKS BAND LEADER LEFT BANK OPENING BAT (cricket)
   HEAD BOY THIRD RUBBER (bridge) HIS LAST JOB BACK COMB (hair)

C. CAN OPENER THE FIRST CUCKOO THE OPENING CHORUS CHEER LEADER
   COLD FRONT THE FIRST CHAPTER FIRST CLASS THE OPENING CEREMONY
   THE SECOND ACT THE THIRD OF DECEMBER THE FOURTH OF MARCH
   THE END OF THE TITANIC

D. THE OPENING DEAL THE OPEN DOOR THE FIRST OF DECEMBER
   IN THE MIDDLE OF INDIA SECOND EDITION THE END OF THE WORLD
   THE LAST ROUND DEAD END RIGHT HANDED THE LAST WORD

E. THE BEGINNING OF THE END FIRST EDITION IN THE MIDDLE OF THE OCEAN SEA
   THE FOURTH DIMENSION THE END OF THE LINE THE LAST IN LINE LAST MINUTE
   THE END OF THE VOYAGE FINAL SCORE LAST DANCE LAST CHANCE LOOSE END

F. FIRST FOOTING FIRST FLOOR FIRST FINGER MID OFF (in cricket) A SECOND OFFER
   FINISH OFF

H FIRST HAND LEFT HANDED SECOND CHANCE SECOND THOUGHTS IN THE MIDDLE OF NOWHERE THE END OF THE MATCH THE CLOSING SPEECH

I IN THE FIRST INSTANCE THE FIRST IN (to bat) SECOND SIGHT SECOND FIDDLE CENTRE POINT

J. JANUARY THE FIRST A THIRD OF THE MAJORITY THE END OF THE RAJ

K. HER FIRST KISS IN THE MIDDLE OF THE SKY THE FOURTH TICKET KICK BACK LAST LOOK THE END OF THE BOOK

L THE FIRST IN LINE THE FRONT LINE FIRST LIGHT SECOND FLOOR SECOND CLASS MIDDLE ENGLAND LAST OF ALL HIS LAST MEAL

M THE FIRST OF THE MONTH THE FIRST MEMBER THE FIFTH COLUMN THE FIFTH OF NOVEMBER TRAM TERMINUS TERM END

N THE START OF THE NEW YEAR THE OPENING NIGHT THE THIRD IN LINE THE FOURTH AMENDMENT MID MORNING CLOSING DOWN THE THIRD MAN

O STARTING OUT LEFT OUT START OVER THE SECOND IN COMMAND THE EYE OF THE STORM THE MIDDLE OF THE PELOTON GOES SOLO

P A POOR START FIRST POST HEAD PORTER IN THE MIDDLE OF THE PAPER END UP THE LAST DROP THE LAST STOP THE CUP FINAL LAST LAP LAST GASP


S SEA FRONT THE OPENING SPEECH IN THE MIDDLE OF THE MISSISSIPPI THE CENTRAL MASSIFF (in France) BUS TERMINUS LANDS END JOURNEYS END THE LAST OF THE MOHICANS HOWARDS END


U START UP OPEN UP LET US BEGIN INSIDE OUT THE THIRD ROUND MIDDLE STUMP (cricket) THE END OF YOU

V FIRST VISIT THE FIRST VOYAGE SECOND OVER (cricket) THE SECOND EVENT FIFTH ANNIVERSARY TV CLOSE DOWN
W WARM FRONT LEFT WING CENTRE FORWARD THE END OF THE RAINBOW
      THE LAST STRAW THE THIRD IN A ROW

X THE BEGINNING OF XMAS THE SECOND EXTRA (in the match)
      A FINAL SIX (ended the cricket match)

Y THE START OF THE YEAR YOU’RE FIRST THE THIRD ROYAL THE THIRD LAYER
      THE FOURTH PLAYER THE END OF THE DAY TERMINAL VELOCITY
      RAILWAY TERMINUS THE END OF THE STORY THE RIGHT OF WAY

Z THE ZOO’S ENTRANCE THE THIRD AND FOURTH PUZZLES THE LAST WALTZ

Phrases having a choice between 2 pinpointed letters

START AT THE BEGINNING START AT THE BEGINNING

LEFT BEHIND LEFT BEHIND

SINGLE WORDS

In some cases a single word pinpoints a letter within itself:

A. FRONTAL MIDDAY

B. FOREBEARS FOREBODE

C. CONFRONT

D. ENDED

E. STARTED DOVETAIL BEHIND

F. OFFEND

G. WAGTAIL MIDNIGHT

H. FOREHEAD BACKLASH

I. FRONTICE

J. HEADJOGS - a hairdresser in Ilford, UK

K. BACK

L. HEADLINE FORELOCK LOGGERHEAD (turtle)

M. HEADMASTER

N. FANTAIL
O. MIDDLET
P. UPEND
Q.
R. TAILOR MIDDLEMARCH
S. ENDLESS WALLSEND (in UK)
T. HINDSIGHT
U. UPSTART
V. VIVEND (a company name)
W. HEADWAY
X. OXTAIL
Y. ENDERBY
Z.

Sometimes the meaning of a whole word pinpoints a letter, without ‘attaching’ a word indicating the beginning, middle or end: PENULTIMATE and ANTIPENULTIMATE are prime examples of this.
A 5 x 5 word square consists of ten distinct words, five across and five down, one such being

```
S  P  I  T  E
C  A  R  O  M
A  G  A  T  E
L  A  T  E  R
E  N  E  M  Y.
```

In each of the three offerings here, the nine letters that constitute the two diagonals have been supplied, along with sixteen additional letters that require appropriate placement in order to complete the square. In the illustrative example above, the puzzle would look like this:

```
S  _  _  _  E
_  A  _  O  _
_ _ A  _  _  
_ _ _  _  _  
E _ _ _  Y

```

1.  

```
S  _  _  _  P
_  A  _  O  _
_ _ A  _  _  
_ _ _  _  _  
T _ _ _  S

```

2.  

```
S  _  _  _  E
_  E  _  A  _
_ _ A  _  _  
_ _ _  _  _  
E _ _ _  R

```

3.  

```
A  _  _  _  E
_  E  _  A  _
_ _ A  _  _  
_ _ _  _  _  
A _ _ _  T

```
5 x 5 WORD SQUARES – 1 – Answers

1. S  W  A  M  P
   T  A  B  O  O
   A  G  A  T  E
   R  E  S  E  T
   T  R  E  S  S

2. S  P  A  C  E
   L  E  M  O  N
   I  N  E  P  T
   M  A  N  S  E
   E  L  D  E  R

3. A  P  P  L  E
   R  E  L  A  X
   O  R  A  T  E
   M  I  N  E  R
   A  L  E  R  T
BALTIMORE

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We first encountered the term “Baltimore transdeletion” in Dmitri Borgmann’s *Language on Vacation*. Although the book was first published in 1965, we didn’t discover it until a couple of years later, 1967. Borgmann introduced the term in chapter 4, Word Surgery, where he offered eight transdeletions of the word CREATIONS: SENORITA, CANOEIST, CAST-IRON, CORNIEST, SCENARIO, ENACTORS, SCANTIER, ROTACISE and REACTION. Although Borgmann used the term Baltimore transdeletion, he didn’t explain the origin of the name. The transdeletion part is obvious, but why Baltimore? The term didn’t originate with Borgmann. It had appeared much earlier in the pages of *The Enigma*, the journal of the National Puzzlers League (NPL). Here is the entry for Baltimore transdeletion taken from the glossary in the NPL’s 1906 publication *A Key to Puzzledom*:

*A variety of transdeletion, in which a letter being deleted from whole, the remaining letters are transposed to form first; the letter being restored, and another taken, the letters then remaining being transposed to make two, and so on. Invented by L. M. N. Terry in 1904.*

L. M. N. Terry was the nom de plume of Charles Newton Crowder, of Baltimore, who was a member of the Eastern Puzzlers League/National Puzzlers League from 1897 until his death in 1932. The Baltimore part of the term is now apparent.

We thought it would be interesting to come up with a Baltimore transdeletion for BALTIMORE itself. The table below gives just one example for each deleted letter, although we could have offered many additional examples.

<table>
<thead>
<tr>
<th>Letter</th>
<th>Definition</th>
<th>Source</th>
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<tbody>
<tr>
<td>B</td>
<td>rolamite</td>
<td>UMW (Unabridged Merriam-Webster, online)</td>
</tr>
<tr>
<td>A</td>
<td>bromlite</td>
<td>UMW</td>
</tr>
<tr>
<td>L</td>
<td>Amberoti</td>
<td>Wikipedia</td>
</tr>
<tr>
<td>T</td>
<td>bromelia</td>
<td>UMW</td>
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<tr>
<td>I</td>
<td>Lamberto</td>
<td>Wikipedia</td>
</tr>
<tr>
<td>M</td>
<td>laborite</td>
<td>UMW</td>
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</table>
O  Beltrami  Eugenio Beltrami (1835-1900) was an Italian mathematician notable for his work concerning differential geometry and mathematical physics

R  biometal  Any metal normally present, in small but important and measurable amounts, in biology, biochemistry, and medicine; the metals copper, zinc, iron, and manganese are examples of metals that are essential for the normal functioning of most plants and the bodies of most animals, such as the human body

E  Tamboril  A municipality of the Santiago province in the Dominican Republic

Baltimore – Substitute-letter transposals

In Language on Vacation, Borgmann also introduced substitute-letter transposals, where one letter of a word is substituted for another, and the new set of letters is rearranged to form another word. Borgmann gave the example of ENIGMATOGRAPHY – PYTHAGOREANISM, where a G in the first word has been replaced by an S in the second word. We thought it would be worth exploring the substitute-letter transposability of BALTIMORE. Each of the 9 letters can potentially be replaced by 25 other letters, for a total of 225 combinations of ‘letter removed – letter added’. We wondered how many of the 225 possible combinations would result in legitimate transpositions. In the table below, we offer transpositions for 159 of the 225 possibles, just over a 70% success rate. Of necessity, we have been rather liberal in our choice of transpositions, including some two-word terms, foreign words, and even the use of the two-letter abbreviations for US state-names.

BALTIMORE: Substitute-letter transposals

-  +  Definition  Source
1  A  D  Motbilder  Before the Swedish election 2014, ICIA (Institute for Contemporary Ideas and Art) organised a big art project called Motbilder, which took place between August 22 and September 14 2014 at various places in Gothenburg City  Wikipedia
2  A  G  Timberlog  An app which is a timber log volume calculator; it calculates timber volume in cubic metres, cubic feet, board feet, from a given diameter or circumference and length, creates a wood log and shares it over email, Dropbox and other sharing apps for free  play.google.com
3  A  H  Trimble OH  A village in Trimble Township, Athens County, Ohio, with a population of 390 at the 2010 census  Wikipedia
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<tbody>
<tr>
<td>5</td>
<td>A</td>
<td>L</td>
<td>Lolitrem B</td>
<td>One of many toxins produced by a fungus called <em>Epichloë festucae</em>, which grows symbiotically in perennial ryegrass</td>
<td>Wikipedia</td>
</tr>
<tr>
<td>6</td>
<td>A</td>
<td>M</td>
<td>Trimble MO</td>
<td>A city in Clinton County, Missouri, with a population of 646 at the 2010 census</td>
<td>Wikipedia</td>
</tr>
<tr>
<td>7</td>
<td>A</td>
<td>N</td>
<td>Libermont</td>
<td>A commune in the Oise department in northern France</td>
<td>Wikipedia</td>
</tr>
<tr>
<td>8</td>
<td>A</td>
<td>O</td>
<td>bolometri</td>
<td>Italian word for 'bolometer', a sensitive electrical instrument for measuring radiant energy</td>
<td>Wiktionary</td>
</tr>
<tr>
<td>10</td>
<td>A</td>
<td>S</td>
<td>imbolster</td>
<td>A variant of 'embolster', to bolster out, to pad</td>
<td>OED (Oxford English Dictionary, online)</td>
</tr>
<tr>
<td>11</td>
<td>A</td>
<td>T</td>
<td>Tom Birtle</td>
<td>Thomas William Birtle (1926-2010) is a former English cricketer</td>
<td>Wikipedia</td>
</tr>
<tr>
<td>12</td>
<td>A</td>
<td>W</td>
<td>Tim Bowler</td>
<td>An English author (born 1953) of books for children, teenagers and young adults; he won the 1997 Carnegie Medal from the Library Association for the novel <em>River Boy</em></td>
<td>Wikipedia</td>
</tr>
<tr>
<td>13</td>
<td>A</td>
<td>Y</td>
<td>Liberty MO</td>
<td>A city in Clay County, Missouri, which is a suburb of Kansas City, with a population of 29,149 at the 2010 census</td>
<td>Wikipedia</td>
</tr>
<tr>
<td>14</td>
<td>A</td>
<td>Z</td>
<td>Tom Zirbel</td>
<td>An American road bicycle racing cyclist (born 1978) from Clear Lake, Iowa</td>
<td>Wikipedia</td>
</tr>
<tr>
<td>15</td>
<td>B</td>
<td>A</td>
<td>Malortiea</td>
<td>A genus of palms, primarily found in Central America; the name seems to be a synonym of the genus name <em>Reinhardtia</em></td>
<td>Dictionary of Flowering Plants and Ferns, J C Willis, 7th edition</td>
</tr>
<tr>
<td>16</td>
<td>B</td>
<td>C</td>
<td>Cimaterol</td>
<td>A beta-adrenergic agonist, a drug that activates certain receptors in the brain</td>
<td>Wikipedia</td>
</tr>
<tr>
<td>17</td>
<td>B</td>
<td>D</td>
<td>Dotmailer</td>
<td>An online marketing company listed on the Alternative Investment Market (AIM) of the London Stock Exchange; it is an email service provider, and in 2015 is the UK's largest email marketing automation provider</td>
<td>Wikipedia</td>
</tr>
<tr>
<td>18</td>
<td>B</td>
<td>E</td>
<td>meliorate</td>
<td>To make better or more tolerable</td>
<td>UMW (Unabridged Merriam-Webster, online)</td>
</tr>
<tr>
<td>19</td>
<td>B</td>
<td>F</td>
<td>Metalfrio</td>
<td>A US company making commercial refrigerators, based in Texas</td>
<td><a href="http://www.metalfrio.com">www.metalfrio.com</a></td>
</tr>
<tr>
<td>No.</td>
<td>Source</td>
<td>Definition/Description</td>
<td></td>
<td></td>
<td></td>
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<td>------------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>B G</td>
<td>A list or register of martyred saints, sometimes with an account of their lives; a book containing this information. Occasionally also: the burial register of a cathedral or religious community.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>B H</td>
<td>A genus of chiefly tropical monoeious herbaceous vines (family <em>Cucurbitaceae</em>) with white or yellow flowers, an elongated ovary, and a fruit resembling a typical berry that are cultivated as ornamentals.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>B I</td>
<td>Any one of the gang members of Cuban immigrants that left Cuba from the Port of Mariel in 1980; approximately 135,000 people left the country to the United States from April to September in what became known as the Mariel boatlift.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>B K</td>
<td>A lake in Switzerland.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>B L</td>
<td>A user-name on both Facebook and YouTube, a play on the word 'rolamite'.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>B M</td>
<td>A thin laminated usually pale green serpentine.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>B N</td>
<td>A thing that makes something better.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>B O</td>
<td>The mole ratio is the ratio of moles of one substance to the moles of another substance in a balanced equation, where a mole is a chemical counting unit, such that 1 mole = 6.022*10^{23} particles.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>B P</td>
<td>In respect of which Rome functions or is regarded as a central authority.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>B R</td>
<td>Houston's fast, convenient way to travel to downtown, midtown, the Museum District, Texas Medical Center, Moody Park and up to the Northline Transit Center.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>B S</td>
<td>Nearly frictionless elementary mechanisms, each consisting of two or more rollers inserted in the loops of a flexible metal or plastic band with the band acting to turn the rollers whose movement can be directed to perform various functions.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>B T</td>
<td>A town in Cleveland County, North Carolina, with a population of 488 at the 2010 census.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>B U</td>
<td>An email security provider for &quot;washing&quot; email for viruses and spam; the company is based in California.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>B V</td>
<td>There are at least 7 locations in Arkansas called Mount Olive, or Mt Olive.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>B X</td>
<td>A Swiss painter (1921-2007).</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

36  BZ  mortalize  To make mortal; to treat as mortal

37  EA  Baltimora  A plant genus, found from Mexico to Colombia

38  EF  Borat film  Any of the films of Sacha Noam Baron Cohen (born 1971), a British actor, comedian, screenwriter, and film producer; the term 'Borat film' appears in the Wikipedia entry for Sacha Cohen

39  EG  Grim Batol  A fortress in the computer game of Wowhead

40  EI  militabor  A Latin word, the first person singular future passive indicative of the verb militō, meaning 'I am a soldier'

41  EN  Libramont  A place in Belgium

42  EO  Bortolami  An Italian surname - Marco Bortolami and Gianluca Bortolami are notable sportsmen

43  ES  Maltisorb  A natural sweetening alcohol made by Roquette of France, which can be used in baking, especially in making fillings for cakes and cookies

44  EU  libatorum  A Latin word, the genitive plural of libator, meaning ‘one who tastes’

45  EW  Tim Barlow  An English actor (born 1936) who has performed many small roles in a variety of films, television programs and plays

46  EY  Tim Baylor  A former American football defensive back (born 1954) in the National Football League; he played college football at Morgan State University in Baltimore, Maryland

47  IA  Baltamore  A US surname, the Baltamore family name was found in the US in 1880, when there were 4 Baltimore families living in Alabama

48  IC  Metolcarb  A chemical compound (chemical formula: C₉H₁₁NO₂) used as an acaricide and an insecticide

49  ID  Temblador  A place in Venezuela

50  IE  Bloemaert  The surname of Abraham Bloemaert (1566-1651), a Dutch painter and printmaker in etching and engraving

51  IG  Boglemart  This occurs in the street name Boglemart Street, which is in the town of Stevenston, Ayrshire, Scotland
I H alembroth A double chloride of ammonium and mercury believed by the alchemists to be a universal solvent

I K Lambert OK A town in Alfalfa County, Oklahoma, with a population of 6 at the 2010 census

I L mollebart An agricultural implement formerly used in Flanders, consisting of a kind of large shovel drawn by a horse and guided by a man

I M Blommaert The surname of Jan Blommaert (born 1961), a Belgian sociolinguist and linguistic anthropologist, Professor of Language, Culture and Globalization and Director of the Babylon Center at Tilburg University, the Netherlands

I N Lamberton A place in Minnesota

I O motorable Usable by motor vehicles; passable

I R belt armor A layer of heavy metal armor plated onto or within the outer hulls of warships, typically on battleships, battle-cruisers and cruisers, and aircraft carriers

I S stormable That can be taken by storm

I T Lemrabott The surname of Mafoud Ould Lemrabott, the head of the supreme court of Mauritania, who died on 11 May 2013

I U Mabuterol A selective adrenoreceptor agonist, a class of drugs that cause smooth muscle relaxation, dilation of bronchial passages, vaso-dilation in muscle and liver, relaxation of uterine muscle, and release of insulin; they are primarily used to treat asthma and other pulmonary disorders

I V Travelmob A social networking website for booking accommodation and room rentals, founded by Turochas Fuad, Dan Neary, Prashant Kirtane and Nick Gundry in July 2012

I W Bartolmew The surname of several individuals, appearing in US and UK census details - probably derived from the name Bartholomew

I Y Tom Barley A British racing driver, who in 2013 competed in the British Touring Car Championship for the first time at the Brands Hatch racing circuit

L A Tamboeria An extinct genus of middle sized carnivorous theriocephalians (mammal-like reptiles) from the Tapinocephalus Assemblage Zone of South Africa
<table>
<thead>
<tr>
<th>Page</th>
<th>Line</th>
<th>Text</th>
<th>Source</th>
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<tbody>
<tr>
<td>66</td>
<td>L</td>
<td>Boma tribe</td>
<td>Wikipedia</td>
</tr>
<tr>
<td>67</td>
<td>L</td>
<td>metaboric</td>
<td>UMW</td>
</tr>
<tr>
<td>68</td>
<td>L</td>
<td>Birtamode</td>
<td>Wikipedia</td>
</tr>
<tr>
<td>69</td>
<td>L</td>
<td>abiteremo</td>
<td>Wiktionary</td>
</tr>
<tr>
<td>70</td>
<td>L</td>
<td>obfirmate</td>
<td>OED</td>
</tr>
<tr>
<td>71</td>
<td>L</td>
<td>Bogarmite</td>
<td><a href="http://www.studylight.org">www.studylight.org</a></td>
</tr>
<tr>
<td>72</td>
<td>L</td>
<td>Thermobia</td>
<td>Wikipedia</td>
</tr>
<tr>
<td>73</td>
<td>L</td>
<td>Biometria</td>
<td><a href="http://www.tse.jus.br">www.tse.jus.br</a></td>
</tr>
<tr>
<td>74</td>
<td>L</td>
<td>embotijar</td>
<td><a href="http://www.collinsdictionary.com">www.collinsdictionary.com</a></td>
</tr>
<tr>
<td>75</td>
<td>L</td>
<td>memorabit</td>
<td>Wiktionary</td>
</tr>
<tr>
<td>76</td>
<td>L</td>
<td>tamborine</td>
<td>OED</td>
</tr>
<tr>
<td>77</td>
<td>L</td>
<td>Bai T. Moore</td>
<td>Wikipedia</td>
</tr>
<tr>
<td>78</td>
<td>L</td>
<td>improbate</td>
<td>OED</td>
</tr>
<tr>
<td>79</td>
<td>L</td>
<td>Marie Bot</td>
<td>Wikipedia</td>
</tr>
<tr>
<td>80</td>
<td>L</td>
<td>Boarmites</td>
<td>Wikipedia</td>
</tr>
<tr>
<td>81</td>
<td>L</td>
<td>biomatter</td>
<td>OED</td>
</tr>
<tr>
<td>Page</td>
<td>Column</td>
<td>Term</td>
<td>Definition</td>
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<td>------</td>
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<td>------------</td>
<td>-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>82</td>
<td>L V</td>
<td>vibratome</td>
<td>An instrument used to cut thin slices of material; it is similar to a microtome but uses a vibrating blade to cut through tissue</td>
</tr>
<tr>
<td>84</td>
<td>L Z</td>
<td>Matzo brei</td>
<td>A dish of Ashkenazi Jewish origin made from matzah fried with eggs, commonly eaten as a breakfast food during the Jewish holiday of Passover</td>
</tr>
<tr>
<td>85</td>
<td>M A</td>
<td>Aerialbot</td>
<td>One of several fictional characters in the Transformers franchise</td>
</tr>
<tr>
<td>86</td>
<td>M B</td>
<td>orbitable</td>
<td>This looks like a simple word meaning 'capable of being orbited', but this isn't in any regular dictionary; instead, the term can be found in kOS, or Kerbal Operating System, which is a community-supported mod for the popular game Kerbal Space Program</td>
</tr>
<tr>
<td>87</td>
<td>M C</td>
<td>cabriolet</td>
<td>An automobile resembling a coupe in appearance and capacity but with a folding top</td>
</tr>
<tr>
<td>88</td>
<td>M D</td>
<td>tidal bore</td>
<td>A tidal flood that regularly or occasionally rushes with a roaring noise into certain rivers (such as the Amazon in South America) or narrow bays (such as the Bay of Fundy) of peculiar configuration or location and proceeds in one or more waves that often present a very abrupt front of considerable height dangerous to shipping</td>
</tr>
<tr>
<td>89</td>
<td>M E</td>
<td>orbitelae</td>
<td>A term from scientific Latin <em>Orbitelae</em>, the name of a division of spiders</td>
</tr>
<tr>
<td>90</td>
<td>M F</td>
<td>abort file</td>
<td>A type of computer file to which details are written when something goes wrong with a transaction or other operation</td>
</tr>
<tr>
<td>91</td>
<td>M G</td>
<td>Galo tribe</td>
<td>A central Eastern Himalayan tribe, who speak the Tani language Gallong; the Galo primarily inhabit the West Siang district of modern-day Arunachal Pradesh state in North Eastern India, but are also found in other parts of India</td>
</tr>
<tr>
<td>92</td>
<td>M H</td>
<td>Libtheora</td>
<td>An item of computer software, the reference implementation of the Theora video compression format being developed by the Xiph.Org Foundation</td>
</tr>
<tr>
<td>93</td>
<td>M I</td>
<td>Liberatio</td>
<td>The title of a symphonic rock album by Krypteria, released in 2005</td>
</tr>
<tr>
<td>94</td>
<td>M K</td>
<td>REK Bitola</td>
<td>An energy company in the city of Bitola, Republic of Macedonia</td>
</tr>
<tr>
<td>95</td>
<td>M L</td>
<td>Ballitore</td>
<td>A village in County Kildare, Ireland</td>
</tr>
</tbody>
</table>
96 M N Robilante A place in Italy
97 M P portabile An Italian word, meaning 'portable'
98 M R liberator One that liberates
99 M S sobralite A triclinic manganese pyroxene
100 M T trilobate Having or divided into three lobes
101 M U Labourite A variant spelling of laborite
102 M V Bert Oliva An international orator & leadership expert, who focuses on helping companies and individuals tap into their greatness by teaching them leadership, communication and helping to improve their overall performance
103 M W trowabile An obsolete spelling of 'trowable', that can be believed, or which is credible
104 M X exorbalto Outside the orbit (of the eyeball)
105 M Y Bore, Italy A comune in the province of Parma, central Italy
106 O A Arambilet Ángel Luis Arambilet Álvarez (born 1957), generally known professionally as simply Arambilet, is a novelist, poet, screenwriter, painter, graphic artist and filmmaker of Spanish-Dominican descent
107 O C Bactrimel The tradename of a drug manufactured by Roche; it contains trimethoprim and sulfamethoxazole
108 O E meritable That deserves or accrues merit; meritorious
109 O F Fimbertal Also Fimbatal, an alpine valley situated between the Silvretta Alps and the Samnaun Alps
110 O G tiger balm A topical over-the-counter pain reliever that contains ingredients such as camphor, menthol, cajuput oil, and clove oil; it comes as a cream, gel, or liquid that is applied superficially to the area of pain and absorbed through the skin, and is often used for relief of a variety of types of pain, including back pain, joint pain, stiffness, sprains, and arthritis pain
111 O H Amberlith A brand of masking film manufactured by Ulano, New York
112 O I lambertii This occurs in the scientific name of zebrawood (Omphalobium lambertii), a large tree, native of Guiana
113 O J Trebimlja A village in the municipality of Ravno, Bosnia and Herzegovina
114 O L Marti Bell A named individual on Facebook
115 O M Tim Ambler Born 1937, a British organizational theorist, author and academic on the field of marketing effectiveness
ON librantenm A Latin word, the accusative feminine and masculine singulars of lībrāns, meaning 'balancing, leveling, making horizontal' Wiktionary

ON Terminal B An airport terminal at various airports, including Logan Airport (Boston) and San Jose International Airport Wikipedia

OR TIM barrel In biochemistry and molecular biology, the TIM barrel is a conserved protein fold consisting of eight α-helices and eight parallel β-strands that alternate along the peptide backbone; the structure is named after triosephosphate isomerase, a conserved metabolic enzyme Wikipedia

OS marbliest Superlative of marbly UMW

OT tremblait A French word, the third-person singular imperfect indicative of trembler, meaning 'to tremble, to shake' Wiktionary

OU umbratile Carried on in seclusion UMW

OX MetrixLab A global Market Research Company based in Rotterdam, the Netherlands, offering customer insight services & market research data for businesses of all sizes around the globe www.metrixlab.com

OY Tim Albery An English stage director, best known for his productions of opera Wikipedia

OZ Maltzbier A German Bock style beer brewed by Cerveza Artesanal BarbaRoja in Buenos Aires, Argentina www.beeradvocate.com

RA Metabolia A division of the insects which undergo metamorphosis W2

RB bombilat To hum, to buzz OED

RC metabolic Of, relating to, or worked by metabolism UMW

RD domitable Tamable UMW

RE Mobitelea Mobitelea Ventures is the name of a company that formerly owned 12.5% of Vodafone Kenya Ltd, a 40% shareholder of Safaricom, a leading mobile network operator in Kenya Wikipedia

RF fat emboli Physical embolisms in which the embolus consists of fatty material, often caused by physical trauma such as fracture, soft tissue trauma, or burns Wikipedia

RG TAG Mobile A wireless telecommunications provider based in Dallas, Texas Wikipedia

RH Betho Lima A fitness instructor, specialising in Zumba, from Sao Paolo www.zumba.com

RM telimomab A mouse monoclonal antibody which is an immunosuppressive drug Wiktionary
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<tbody>
<tr>
<td>135</td>
<td>R</td>
<td>P</td>
<td>impotable</td>
<td>Not suitable for drinking</td>
<td>UMW</td>
</tr>
<tr>
<td>136</td>
<td>R</td>
<td>S</td>
<td>biometals</td>
<td>Metals normally present, in small but important and measurable amounts, in biology, biochemistry, and medicine; the metals copper, zinc, iron, and manganese are examples of metals that are essential for the normal functioning of most plants and the bodies of most animals, such as the human body</td>
<td>Wikipedia</td>
</tr>
<tr>
<td>137</td>
<td>R</td>
<td>T</td>
<td>omittable</td>
<td>That which may be omitted</td>
<td>W2</td>
</tr>
<tr>
<td>138</td>
<td>R</td>
<td>U</td>
<td>Bail Me Out</td>
<td>The title of a song by artist Pete Murray, available on YouTube</td>
<td>YouTube</td>
</tr>
<tr>
<td>139</td>
<td>R</td>
<td>V</td>
<td>vomitable</td>
<td>That which may be vomited</td>
<td>W2</td>
</tr>
<tr>
<td>140</td>
<td>R</td>
<td>X</td>
<td>Metablix</td>
<td>A plastics/biopolymer company, headquartered in Woburn, Massachusetts</td>
<td>globenewswire.com</td>
</tr>
<tr>
<td>141</td>
<td>R</td>
<td>Y</td>
<td>Tom Bailey</td>
<td>Born 1954, an English singer, songwriter, composer, musician, and record producer, who came to prominence in the early 1980s as the lead vocalist for the new wave band Thompson Twins</td>
<td>Wikipedia</td>
</tr>
<tr>
<td>142</td>
<td>T</td>
<td>B</td>
<td>mobile bar</td>
<td>A mobile bar for serving alcoholic and other drinks – there are several of these advertised for sale on eBay</td>
<td><a href="http://www.ebay.co.uk">www.ebay.co.uk</a></td>
</tr>
<tr>
<td>143</td>
<td>T</td>
<td>C</td>
<td>Crambe oil</td>
<td>An inedible seed oil, extracted from the seeds of the <em>Crambe abyssinica</em>, a multibranched annual plant that is native to the Ethiopian Highlands also known as Abyssinia</td>
<td>Wikipedia</td>
</tr>
<tr>
<td>144</td>
<td>T</td>
<td>C</td>
<td>Olbramice</td>
<td>A village in Ostrava-City District, Moravian-Silesian Region, Czech Republic</td>
<td>Wikipedia</td>
</tr>
<tr>
<td>145</td>
<td>T</td>
<td>D</td>
<td>bromeliad</td>
<td>A plant of the family Bromeliaceae</td>
<td>UMW</td>
</tr>
<tr>
<td>146</td>
<td>T</td>
<td>E</td>
<td>EraMobile</td>
<td>Short for Epidemic-based Reliable and Adaptive Multicast for Mobile, this is a bio-inspired reliable multicast protocol targeting mission critical ad hoc networks</td>
<td>Wikipedia</td>
</tr>
<tr>
<td>147</td>
<td>T</td>
<td>G</td>
<td>bergamiol</td>
<td>Linaloyl acetate, the principal constituent of the essence or essential oil of bergamot, now prepared in separate form and used in perfumery</td>
<td>Century Dictionary, Supplement, 1909</td>
</tr>
<tr>
<td>148</td>
<td>T</td>
<td>H</td>
<td>biohermal</td>
<td>Pertaining to a bioherm, a body of rock built up by or composed mainly of sedentary organisms (such as corals, algae, or mollusks) and enclosed or surrounded by rock of different origin</td>
<td>UMW</td>
</tr>
<tr>
<td>149</td>
<td>T</td>
<td>I</td>
<td>airmobile</td>
<td>Relating to a military unit whose members are transported to combat areas by helicopter</td>
<td>UMW</td>
</tr>
<tr>
<td>150</td>
<td>T</td>
<td>K</td>
<td>Borki Male</td>
<td>A village in the administrative district of Gmina Olesno, within Olesno County, Opole Voivodeship, in south-western Poland</td>
<td>Wikipedia</td>
</tr>
<tr>
<td>151</td>
<td>T</td>
<td>L</td>
<td>Mirabello</td>
<td>Mirabello Bay is an embayment of the Sea of Crete on the eastern part of Crete in present-day Greece; it is the largest bay of the Greek islands and the fifth largest in the Mediterranean Sea</td>
<td>Wikipedia</td>
</tr>
<tr>
<td>152</td>
<td>T</td>
<td>M</td>
<td>mobile arm</td>
<td>A device for holding a baby’s mobile over its cot or chair – there are hundreds of different ones for sale on the internet</td>
<td><a href="http://www.etsy.com">www.etsy.com</a></td>
</tr>
<tr>
<td>153</td>
<td>T</td>
<td>N</td>
<td>bromelain</td>
<td>A protease obtained from the juice of the pineapple</td>
<td>UMW</td>
</tr>
<tr>
<td>154</td>
<td>T</td>
<td>O</td>
<td>Bloomeria</td>
<td>A genus of plants, found in southern California</td>
<td>Dictionary of Flowering Plants and Ferns Wiktionary</td>
</tr>
<tr>
<td>155</td>
<td>T</td>
<td>P</td>
<td>preamboli</td>
<td>Italian word for 'preambles'</td>
<td>Ordnance Survey Gazetteer of Great Britain, third edition</td>
</tr>
<tr>
<td>156</td>
<td>T</td>
<td>R</td>
<td>Blairmore</td>
<td>The name of at least 11 places and several geographical features in Scotland</td>
<td>UMW</td>
</tr>
<tr>
<td>157</td>
<td>T</td>
<td>S</td>
<td>bromelias</td>
<td>Any plants of the genus Bromelia</td>
<td>UMW</td>
</tr>
<tr>
<td>159</td>
<td>T</td>
<td>Z</td>
<td>Mali Obrez</td>
<td>A settlement in the municipality of Brežice in eastern Slovenia</td>
<td>Wikipedia</td>
</tr>
</tbody>
</table>

If readers can improve on any of the examples above, or plug any of the gaps, do please let the Editor know.
DISKOS
A Puzzle Game

By Jeremiah Farrell, Emeritus, Mathematics

DISKOS is a puzzle-game that uses 12 domino disks and a 4x4 checkerboard. The disks are labeled (1,2), (1,3), (1,4), (1,5), (2,3), (2,4), (2,6), (3,5), (3,6), (4,5), (4,6) and (5,6). As a puzzle we ask the player to place the 12 disks on the checkerboard so that the four occurrences of each of the numbers 1 through 6 appear on the corner of a square on the checkerboard. The squares can thus be of size 2x2, 3x3 or 4x4. This puzzle has been adapted for play by the sighted impaired at the Indiana School for the Blind in Indianapolis. An example that uses the eight numbers 1 through 8 follows.

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(1,5)</td>
<td>(3,5)</td>
<td>(1,6)</td>
<td>(3,5)</td>
</tr>
<tr>
<td>(4,5)</td>
<td>(2,5)</td>
<td>(4,6)</td>
<td>(2,5)</td>
</tr>
<tr>
<td>(1,7)</td>
<td>(3,7)</td>
<td>(1,8)</td>
<td>(3,8)</td>
</tr>
<tr>
<td>(4,7)</td>
<td>(2,7)</td>
<td>(4,8)</td>
<td>(2,8)</td>
</tr>
</tbody>
</table>

Squares on the Numbers from 1 through 8

For the blind, the numbers are raised domino pips that can easily be manipulated by touch alone. Notice that in DISKOS there are only six different numbers and, in fact, there are exactly six solutions to the puzzle, not counting rotations and reflections as different. We ask the reader to try to find all six. In the next issue the solutions will be given and we will explain the mathematics behind the puzzle.

Meanwhile a mildly entertaining two-person game can also be played using the 12 DISKOS. The players alternately place a DISKO of their choice on the checkerboard with the proviso that no two DISKOS can be placed in a row or column unless all the numbers on both DISKOS are different. The players choose their plays from a face-up pool of DISKOS and the last person to be able to play wins the game.

There is a forced win for one of the players in this game and we invite the reader to find it.

DISKOS © by Jeremiah Farrell, 1998
DISKOS REVISITED

A new Puzzle: Place the 12 DISKOS on the 4x4 grid so that in each row and column exactly one of each number, 1-6, occurs. A correct placement will result in the grid becoming a magic square and each row or column will sum to the same total when all the pips in that row or column are added.

Game 1: Two players select at random six DISKOS from a face-down mix of the 12. They alternately play a DISKO of their choice on the grid following the placement rules of the new puzzle above. The last player to be able to place a DISKO wins.

Game 2: Similar to Game 1 except that now the players must place a DISKO so that it matches a number with all DISKOS already in its row and column.

Another Puzzle: Place the 12 DISKOS on the grid below so that two DISKOS are joined by an edge only if they have a pip in common. The grid is the Schlegel graph of the cuboctahedron. This puzzle is a favorite of students at the Indiana School for the Blind where a special embossed version was constructed. There are six solutions.
DISKOS ONCE AGAIN

SOME MAGIC: The 12 diskos can be arranged end to end with matching pips just as is commonly done with dominoes. Place the diskos face down and stir them around but surreptitiously palm one of them. Sneak a peck at your stolen disko and write the two numbers down on a slip of paper with the written comment “Your chain will end on these two numbers!” Now let your subject make a chain with the remaining diskos. His or her chain will always end as predicted. This is due to a mathematical concept called an Euler path.

Ordinary playing cards can be used as substitutes for diskos since each card can be regarded as having a suit on one end and a denomination on the other. The 12 cards are chosen by first choosing the 16 cards of four denominations, say aces, kings, queens, and jacks. Then put aside 4 cards, one of each denomination and one of each suit. The remaining 12 act like the 12 diskos (remember one end of the card represents the suit and the other end the denomination.).

FACT: Have you noticed that the numbers 1 through 6 could be represented as the faces on a die? The individual diskos are the 12 edges of the die labeled by the two die faces the edge bounds. This gives a valuable clue on how to play the games we have suggested.

Several possible answers to our puzzles appear below.

“Keep Away” using diskos on another depiction of a cuboctahedron. Can you discover an arrangement where all nodes match along the edges?
Diskos on a cuboctahedron.  
Note the common number in the 4-Gons.

Cards on a cuboctahedron.  
Note what is common in the 3-Gons.

Disko Squares

A Disko Magic Square
SENTENCE SUDOKU PUZZLES

Johan de Ruiter
Mountain View, California

The following pages contain five puzzles. The first four are Sudoku puzzles which use letters instead of numbers. When the given letters are concatenated in row-major order, they form sentences. Because when solving a Sudoku puzzle, working with letters is typically much less convenient than working with the more conventional numbers from 1 through 9, appropriate puzzle titles were chosen to serve as useful mnemonics.

The fifth puzzle is not a Sudoku puzzle, but a Latin Square with extra constraints applied to the two main diagonals. In this case, it is the solution that has a special (self-referential) property.
Say It Once

ICANT
NOTAS
ETYSET
SEEANE
CONEY
CONCEN
TION

- Sir Arthur Conan Doyle, The Adventure of the Speckled Band -
Mighty Ape

H A P
P Y P
T H E
G E H A
P
P Y T
I

- Miguel de Cervantes, Don Quixote
Rome's Whiz

- Marcus Aurelius, Meditations -
Done Right (On the Grid)

I T R
I E
D O T
D O T
H E R I
G H T
T H I N G
Ron Singer's article Poll Pirate appeared in the November 2018 Word Ways, and made extensive use of the letters A, W and K. Which set us wondering - how many words are there which use only the letters A, W and K? We have managed to find just 51 of these rare specimens, listed in the table below.

Of particular note is the penultimate entry, Kwakwakawakw. This is especially notable for using four occurrences of each of the three different letters, while not being composed of a group of three letters simply being repeated four times. We cannot think of another solidly-spelled word or name with this property.

<table>
<thead>
<tr>
<th>Word</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>awk</td>
<td>Turned or done the wrong way</td>
</tr>
<tr>
<td>Kaw</td>
<td>A Siouan people of the Kansas river valley, Kansas</td>
</tr>
<tr>
<td>Kwa</td>
<td>A branch of the Niger-Congo language family that is spoken along the coast and a short distance inland from Liberia to Nigeria</td>
</tr>
<tr>
<td>wak</td>
<td>Moist, damp (obsolete)</td>
</tr>
<tr>
<td>Akwa</td>
<td>Akwa Point is a place in</td>
</tr>
<tr>
<td>awak</td>
<td>A variant spelling of 'awake', used in a c1500 quotation at 'lover' (noun, 2) &quot;Awak! awake! I bring, lufar, I bring The newis glad.&quot;</td>
</tr>
<tr>
<td>Awka</td>
<td>Awka is the capital of Anambra State, Nigeria with an estimated population of 301,657 as of 2006 Nigerian census</td>
</tr>
<tr>
<td>Kawa</td>
<td>A people chiefly of the autonomous Wa States of mountainous northeastern Myanmar and adjoining parts of Yunnan province, China</td>
</tr>
<tr>
<td>kwak</td>
<td>A place in Nepal</td>
</tr>
<tr>
<td>waak</td>
<td>18th century variant spelling of 'walk'</td>
</tr>
<tr>
<td>waka</td>
<td>A Maori seagoing craft, a canoe</td>
</tr>
<tr>
<td>wakk</td>
<td>19th century spelling of 'walk', from Orkney, Scotland</td>
</tr>
<tr>
<td>Akawa</td>
<td>A populated place, Nigeria</td>
</tr>
<tr>
<td>Awaka</td>
<td>A village in northern Owerri, Imo State, southeastern Nigeria</td>
</tr>
<tr>
<td>Kaawa</td>
<td>A place in New Zealand</td>
</tr>
<tr>
<td>Term</td>
<td>Definition</td>
</tr>
<tr>
<td>------</td>
<td>------------</td>
</tr>
<tr>
<td>Kakwa</td>
<td>The Kakwa people are found in north-western Uganda, south-western South Sudan, and north-eastern Democratic Republic of the Congo, particularly to the west of the White Nile river</td>
</tr>
<tr>
<td>Kawaa</td>
<td>A French company situated at 27 Rue Piat, 75020 Paris, France. Kawaa is a web and mobile platform that allows users to connect in real life, proposing and participating in local and thematic meetings</td>
</tr>
<tr>
<td>Kawka</td>
<td>Kawka is a village in the administrative district of Gmina Niemce, within Lublin County, Lublin Voivodeship, in eastern Poland, which lies approximately 7 miles west of Niemce and 11 miles north-west of the regional capital Lublin</td>
</tr>
<tr>
<td>kwaak</td>
<td>Dutch word - first-person singular present indicative of kwaken</td>
</tr>
<tr>
<td>Kwawa</td>
<td>A place in the Democratic Republic of the Congo</td>
</tr>
<tr>
<td>Waaka</td>
<td>Stacey Waaka is a New Zealand rugby union player. She debuted for the Black Ferns in 2015, the same year her brother Beaudein Waaka made his Rugby sevens debut for New Zealand</td>
</tr>
<tr>
<td>Wakaw</td>
<td>Place and lake in Saskatchewan, Canada</td>
</tr>
<tr>
<td>Wakka</td>
<td>A character of <em>Final Fantasy X</em> and <em>X-2</em></td>
</tr>
<tr>
<td>Wawak</td>
<td>Wawak Sewing is the US’s number 1 sewing source for over 100 years</td>
</tr>
<tr>
<td>Akaawa</td>
<td>There are streets called Akaawa Street in Kapolei and Makakilo, both in Hawaii</td>
</tr>
<tr>
<td>Akwáwa</td>
<td>A Tupi–Guarani dialect cluster spoken in Pará in western Brazil</td>
</tr>
<tr>
<td>awaaka</td>
<td>A named individual on Facebook</td>
</tr>
<tr>
<td>Kaaawa</td>
<td>A small community and census-designated place located in Koolauloa, city &amp; county of Honolulu on the island of Oahu, Hawaii, US. As of the 2010 Census, the total population for Kaaawa was 1,379</td>
</tr>
<tr>
<td>Kakawa</td>
<td>Populated places in Poland, Congo, Nigeria and Malawi</td>
</tr>
<tr>
<td>kawaka</td>
<td>A tall evergreen tree (<em>Libocedrus plumosa</em>) of New Zealand having highly valued fine-grained, dark reddish-brown wood — called also <em>New Zealand cedar</em></td>
</tr>
<tr>
<td>kawaka</td>
<td><em>Libocedrus plumosa</em>, with the common name kawaka, is a species of <em>Libocedrus</em> that is endemic to New Zealand</td>
</tr>
<tr>
<td>Kawawa</td>
<td>A place in Japan</td>
</tr>
<tr>
<td>Kwakwa</td>
<td>Victoria Kwakwa is a Ghanaian economist and serves as Vice President at the World Bank for East Asia and the Pacific</td>
</tr>
<tr>
<td>wakaka</td>
<td>A Malaysian way of laughing, often referred to as 'ekek', 'kakaka', or an underline/bolded combination of the two</td>
</tr>
<tr>
<td>wakwak</td>
<td>Wakwak is a vampiric, bird-like creature in Philippine mythology, said to snatch humans at night as prey</td>
</tr>
<tr>
<td>Wawaka</td>
<td>A place in Indiana</td>
</tr>
<tr>
<td>Awakawa</td>
<td>A Japanese surname - for example, Yasuichi Awakawa (a Zen painter and art critic, born 1902: and Koichi Awakawa (a Japanese economist, 1902-1977); they may be the same person because of the same birth year</td>
</tr>
<tr>
<td>kaw kaw</td>
<td>A taunt popular in the sport of lacrosse in which a defender loudly caws like a bird when an offensive player is either passing or shooting in order to mess up the shot</td>
</tr>
<tr>
<td>Kawkawa</td>
<td>A lake located 1.6 miles east of Hope, British Columbia</td>
</tr>
<tr>
<td>Akwakwak</td>
<td>A Pokemon character; in English, Golduck</td>
</tr>
<tr>
<td>Kakawaka</td>
<td>A noise artist based in Berlin, Germany</td>
</tr>
<tr>
<td>Kawakawa</td>
<td>A shrub or small tree (<em>Piper excelsum</em>) chiefly of New Zealand and held to be sacred by the Maoris</td>
</tr>
<tr>
<td>Wakakaka</td>
<td>Wakakaka Cafe is in Kuching, Malaysia</td>
</tr>
<tr>
<td>Wakakawa</td>
<td>A Japanese cosmetics company</td>
</tr>
<tr>
<td>Wakawaka</td>
<td>Populated places in Ghana and Uganda</td>
</tr>
<tr>
<td>Kawakawaka</td>
<td>This surname (or username) appears on several social media websites, including Facebook</td>
</tr>
<tr>
<td>Wakakakaka</td>
<td>Wakakakaka Cafe is in Kuching, Malaysia - from the 50,000+ internet hits, this looks like the same café as Wakakaka Café</td>
</tr>
<tr>
<td>Wakka Wakka</td>
<td>An Australian Aboriginal nation of south-east Queensland</td>
</tr>
<tr>
<td>Kwakwakawkw</td>
<td>A member of a First Nations people living on the shores of Queen Charlotte Sound and on North Vancouver Island; the Wakashan language of this people</td>
</tr>
<tr>
<td>Kwakwaka'wakwa</td>
<td>A variant of Kwakwakawkw (see above)</td>
</tr>
</tbody>
</table>

Bibliography
Collins Gage
Discogs
OED
TIG
UMW
Urban
US Board Geog Names
Wikipedia
Wakakawa
Wiktionary
Wawak

Many thanks to Jeff Grant who helped to track down many of the above offerings.
A Collection of Rhyming Palindromes

TIM HEATH
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timheath@btinternet.com

RETEP verse

Rhyming, end-to-end, palindromic verse is one of my favourite types of wordplay. Jim Puder has given a good introduction to the form (Word Ways, Vol. 43. Iss. 1 article 10) and Jeff Grant responded soon after with some excellent letter-unit examples, adapted from earlier unrhymed palindromes (Word Ways, Vol. 43. Iss. 4 article 7). Other examples can be found in Word Ways and elsewhere, but they remain rather rare compared with unrhymed forms.

I have tried to develop some original letter-unit RETEPs with regular scanning and rhyming, all while maintaining consistent themes. That, at least, was my aim. Some of my better attempts are shown below.

Word Ways Ode
Was I abler Ed now, aye?
Hero Monte’s so golden Word Ways
But, we fret, fade logology away?

Go logo-led after few tubs yaw
Drowned logos set no more
Hey, a wonder, Elba I saw.

Arctic Hunt
Kayak rower, cool Giotto
Set in umiaq,
Auk is no prattle-motto
Melt tarp on sikuaq,
Aim unites Otto,
Igloo crew or kayak.
Reunion of Broken Parts

x I mar be glad
As ye tut “it’s bust”
Sum it if a fix
If a fit I must
Substitute y, sad
Algebra mix.

Relativity

Pal Aniet’s niece’s rap
Net space-time spans star map
Spam rats snap
Semitic caps
Ten parsec, Einstein, a lap!

Down and Outcast

Dennis mad at pews’ use
Jeremiah’s if less pinned,
Eden nightlife, rotten game
Vex Eve-magnet, tore filth, ginned,
Eden nips selfish aim
Ere Jesus wept, Adam sinned.

Banker Almighty

Dogma I say at sod
Don’t panic it’s a crash
Sack rower, it is odd
Do sit, I rework cash,
Sarcastic, inapt nod
Do stay, as I am God.

The final two examples follow a tradition of ribald palindromes. Hopefully they will trigger more titters than tuts.
Defying the Hosepipe Ban
Set a bad example
Help mask rebate,
Get a brut sample
Help masturbate,
Get a berk’s ample
Help; maxed, abates.

Bacchanalia
Trap, bonks so reekily
As I field dirtily
Am sidling on sod’s tart,
Rats do snog, nil dismay
Lit riddle, if I say
Like Eros’s knob-part.

Notes
Sikuaq is an Inuit word for thin ice, but unlike kayak and umiaq does not appear to have entered English usage.

Reekily is a derivative from reeky: “adj. Obsolete, rare; blackened with smoke; filthy”; and is found in a quotation from Hans Beer-pot, his Invisible Comedy of See me and See me not (translated from Dutch and published in 1618 by the splendidly named dramatist Daubridgecourt Capability Belchier):

“Bad him goe And wash his face, he lookt so reechilie, Like Bacon hanging on the Chimnies roofe”.

As an adverb, it is found in Scots dialect, such as in Train Approaching? by Alistair Heather (https://discourse.scot/2017/08/09/trains-approaching/):

“A solution is chuggin reekily owre the horizon: the Buchan railway line”.

The slang terms used are generally of British origin.
COLLOQUY

PHILIP ENGLISH MACKEY of Lambertville, New Jersey submits the following poem:

Bellows bellow below.

“Blow low!”

Ow! O!

He comments: “This little poem has languished in my files for quite a while. When Willard Espy and I discussed it many years ago, he called it a “reverse rhopalic, except you don’t change the order of the remaining letters. Whatever we call it, I thought it might challenge Word Ways readers to come up with other such sequences.” (philip.mackey@gmail.com)

TIM HEATH replies to Jeff Grant’s colloquy contribution in November 2018:

“I am grateful to Jeff Grant for putting me straight on the origin of his “Satan oscillate my metallic sonatas” palindrome in the previous issue of Word Ways. I consider this one of the finest single-sentence palindromes and am thankful for the correction of my misattribution.

On the disputed origin of the famous palindrome “Doc, note: I dissent a fast never prevents a fatness. I diet on cod”, I think the uncertainty has been resolved quite convincingly. Credit was given to Peter Hilton by his wartime colleague Jack Good in the 1993 book Codebreakers: The Inside Story of Bletchley Park. This credit was subsequently confirmed by two maths professors who knew him well and worked with him. This information and much more was provided by Mark Saltveit in his fascinating article “The Palindrome Game of the Enigma Codebreakers” (vocabulary.com, 24 February 2015).

DARRYL FRANCIS writes:

In the previous edition, Darryl Francis introduced the word LAMPROTINE, and explored some themes related to it. Darryl now writes ….

We note that there is a two-word transposal of trampoline, intemporal and lamprotine. It is Metro Alpin, which – according to Wikipedia - is an underground funicular railway situated above the Swiss town of Saas Fee. Opened in 1984, it links the Felskinn cable-car station (9,777 feet) on the shore of the Fee Glacier to the Mittelallalin (11,339 feet) in the north flank of the Allalinhorn. The Felskinn–Mittelallalin Tunnel has a length of 5,738 feet, with an altitude difference of 1,562 feet between the two stations. The Metro Alpin is the highest funicular railway in the world. Being a fully underground railway, it is also considered the highest subway in the world!
Going beyond the bounds of the English language, there is also a foreign word implorante. This exists in French, Italian and Latin, as an adjective meaning ‘imploring’. There is also an Italian word planimetro, a device used to measure the area of an irregular figure via tracing its outline.

Various implementations of anagram-solving software also offer Nil Patmore. While this looks like a personal name or placename, we can’t find any evidence that this actually exists. It could be an error for the personal name Neil Patmore, which does turn up on internet searches.

**TWO regular Word Ways contributors have recent publications:**

**ANIL’s** *Silly Animal Rhymes and Stories A to Z* is for readers of all ages, 2 to 102. The catchy rhymes include fun illustrations and plays on words, with some subtle satire snuck in. The book is available for $19.50 through the publisher’s website: [www.sbprabooks.com/Anil](http://www.sbprabooks.com/Anil) or at [www.amazon.com](http://www.amazon.com) or [www.barnesandnoble.com](http://www.barnesandnoble.com).

**STEVE KAHAN’s** *Afterwords: Sixty Incredible Adventures in Logology for the Connoisseur* is his “eleventh compilation of sixty word puzzles designed to make you stop and think and think some more.” 2019 by Esskay Publishing Company, Hollis Hills, New York.
Many words can be regarded as made up of a sequence of smaller ones. Obvious examples are compound words that can be broken down into their component parts, such as ex-port, down-beat, fore-court, hand-cuffs. But sometimes the elements of compound words do not conform to their original meanings – sup-port, in-vest, in-tent, in-vent, per-mission, con-dole and so on.

Also, some can be broken down into different elements, like port-end, kings-hip, best-ride, horses-hoe. More frequent are words whose constituent elements are not related in meaning, such as pal-ate, disc-over disco-ver, ban-king, pun-gent, tref-oil, in-te-re-sting, par-a-no-id and the old favourite leg-end.

Susan Thorpe (WordWays August 2018) has found pairs of words whose elements can produce meaningful sentences. For example, the phrase ALLIED TOGETHER can be broken down to read AL LIED TO GET HER. For present purposes the use of upper-case letters is not going to be allowed but the less meaningful phrase mangoes together would be acceptable. However, combinations of words are not being looked at here, only individual words and their possible constituent elements.

In cryptic crosswords, the answers are to be spelled out in upper case - and distortions are allowed such as using the letters I and O to represent the numerals 1 and 0. A stricter regime not only limits elements to lower-case dictionary entries but would also deny word status to lower-case abbreviations like ed, eg, ca, etc, because these are not spoken words but are either spelled out letter by letter or spoken in unabbreviated form. These limitations do rule out otherwise attractive candidates like not-or-i-o-us, o-pi-ate and par-li-a-men-tar-i-an, but enough examples remain that can be viewed from several aspects, including: what word has the largest number of elements: how many different ways can a word be broken down into elements: what about words like monotonous which contains mono and nous as pairs of elements?
In a search for the word with the largest number of elements the ending –ation looks promising. Is there anything better than nine elements? Consider –

7 elements in-tern-a-ti-on-a-list
8 elements in-tern-a-ti-on-a-li-zed
9 elements in-tern-a-ti-on-a-li-zi-tion

Then, because words can often be broken down a a variety of ways, what words have the largest number of alternative element breakdowns? For instance monotonous has four ways, depending on whether mono or nous or both are used as elements. Better still is adoration which has five ways –

a-do-ration
a-do-rat-ion
ad-oration
ad-or-at-ion
ad-or-a-ti-on

Does a better example exist?

Exploring another aspect, there are words of three elements in which the two pairs of elements are also words. There is re-port-age in which report and portage are also words. Likewise for-got-ten, in which forgot and gotten are present. Is there a word of four elements with the same properties? This would be a sequence of letters that yielded a total of ten words! The words reformation and reformatted yield a possible nine (the whole word plus eight sub-words), but it would be good to find a perfect ten.

Finally, how many words can be generated by how few letters? Forgotten produced six words from nine letters. The word herein yields six words from six letters. Equally ‘economical’ are the little words are and ado. Area is even better, yielding five words from only four letters. But the prize goes to an even shorter word, denoting a type of Hawaiian lava formation – aa, which creates three words from just two letters.
We like the word trampoline – it’s only one letter different from palindrome - and palindromes are long-established as being of great interest to logologists. That makes palindrome a substitute-letter transposal of trampoline – remove a letter (the T in this case), replace it with another letter (the D), and rearrange the new set of letters to form a new word. For years, we had thought that trampoline had just a single transposal, the word intemporal. This word appears in W2, W3 and the OED, all of which define it as ‘timeless’. The word is sufficiently rare for it not to be listed in current desktop dictionaries such as the Merriam-Webster Collegiate Dictionary, Chambers Dictionary, Collins English Dictionary and the Canadian Oxford Dictionary. Neither does it appear in the bibles of allowable Scrabble words – Collins Scrabble Words, the Official Tournament and Club Word List, and the Official Scrabble Players Dictionary.

However, while searching for some other word, now forgotten, in Funk & Wagnall’s New Standard Dictionary of the English Language (our edition is dated 1945), we stumbled on the word lamprotine. We immediately realised this was an anagram of trampoline, an even rarer anagram than intemporal. It turns out that lamprotine is also listed in an earlier edition of Funk & Wagnall’s Standard Dictionary of the English Language (our edition is dated 1895). The actual entry in both of our Funk & Wagnall’s is lamprotin(e). This means that the word has two spellings, one with the final letter e, and one without the e. The superscript e indicates the lamprotin spelling is approved by the long defunct Simplified Spelling Board (the Simplified Spelling Board existed during the years 1906-1920). Surprisingly, lamprotine isn’t listed in any of W2, W3 and the OED.

So, what does lamprotine mean? Funk & Wagnall’s doesn’t give a definition for lamprotine, although it does mark it as both a noun and an adjective. The dictionary lists the word following the two entries Lamprotinae and Lamprotes. The former is defined as “nun plural, ornithology; a subfamily of tanagroid birds having the bill straight, stout, and hooked, and the feet with strong claws”, while the latter is simply marked “noun (t.g.)”, meaning “type genus”. From these, we deduce that lamprotine is a type of tanagroid bird, or tanager. For an up-to-date definition of tanager, we turned to the online Unabridged Merriam-Webster which defines it thus: “any of numerous American passerine birds (family Thraupidae) having brightly colored males, being mainly unmusical, and chiefly inhabiting woodlands.”

We checked the Wikipedia entry for tanager, and it tells us that there are numerous genera (ie plural of genus) of tanagers, and lists many of them, but none of the genus names is remotely similar to Lamprotinae, Lamprotes or lamprotine. What’s going on?

We decided to Google the term lamprotine. We got just four hits, all of them referring to an entry in “A Dictionary of Simplified Spelling, based on the publications of the United States Bureau of Education and the rules of the American Philological Association and the
**Simplified Spelling Board**, which appears to be a 1915 publication. The entries in this dictionary are compiled from simplified spellings in Funk & Wagnall’s dictionaries. Each simplified spelling is shown with its corresponding unsimplified spelling. Thus, lamprotin is an entry, with its unsimplified spelling alongside, lamprotine. So we appear to be back full circle to Funk & Wagnall’s! Why does lamprotine only seem to exist in the 1895 and 1945 Funk & Wagnall’s? Why is there no independent definition or description of lamprotine? Why nothing else on the internet?

We wondered if Googling the related terms Lamprotinae and Lamprotes would provide any leads for lamprotine. First off, we were surprised to find that, in addition to being a genus of tanagers, Lamprotes is a genus of moths (according to Wikipedia). We found Lamprotinae listed in the 1911 edition of *Encyclopedia Britannica* in the article on tanagers, as well as in several books on the taxonomy of bird names. However, none of these turned up the elusive lamprotine. We suspect that the subfamily name Lamprotinae and the genus name Lamprotes have both been overtaken by newer ornithological names, but we are still surprised that it’s difficult to confirm that through Google searches. As a result, that’s probably why our new transposal lamprotine has faded away to near invisibility.

If any Word Ways readers can shed any light on lamprotine and why it seems to have disappeared from view, on the internet, at least, do please get in touch.

It’s interesting to note that dictionaries do include quite a few other words beginning lampro-. According to the OED, the combining form lampro- means “bright, shining”. Between them, the OED, W2, W3, the online Unabridged Merriam-Webster, Funk & Wagnall’s, and the Century Dictionary offer these words beginning with lampro-

- Lamprocolius
- lampron
- Lamprophane
- lamprophanite
- lamprophoner
- lamprophonia
- lamprophony
- lampropyrite
- lamprophyre
- lampropyric
- lampropid
- Lampropidæ
- lampropoid
- Lamprops
- Lampropsidæ
- Lamprosoma
- Lamprotes
- Lamprotinae
- Lamprotornis
- Lamprotornithinæ
- lamprototype

And just to show that the unabridged dictionaries don’t contain all the words, here are another five lampro- words from *An Illustrated Medical Dictionary* (Foster, 1892):

- lamprocarpous
- lamprophyllus
- lampropus
- lamprospermous
- lamprotometer
QUIZ: DOUBLE UP IN TEARS 1.

ANIL
Perth Australia

The object here is to solve the clues ("definitions") with two words that are spelt the same except one letter of one is doubled in the other. For example: breed bred; choose chose. However these two pairs are obvious relatives, whereas all pairs below are unrelated etymologically. Clues may be of the cryptic crossword type.

DEFINITIONS, CLUES
1. National taxes
2. jail a policeman
3. undrunk weeper
4. fish headquarters
5. cop zaps the girls
6. Academic-immune
7. metallic underwear
8. police auction item
9. because s/he’s a fool
10. Mickey’s cream dish
11. fought but didn’t kill
12. embrace your worries
13. police brutality survivor
14. Mother’s church service
15. violator of a hiphop artist
16. famous painter’s corridors
17. a delay-causing drying out
18. one who outdrinks a drunk
19. an energising naughty look
20. sacred Christmas decoration
21. of a beautiful fashion model
22. surrounded and whip-striped
23. space for temporary memory
24. tremors of woodwind players
25. a clear gain from a fish-catcher
26. a bounce onto a bartering bargain
27. drove off all who were not barefoot
28. Young Kennedy started playing golf.
29. masochist’s loud cheer on being beaten
30. dying to go steady with a fraternity boy
<table>
<thead>
<tr>
<th>special categories</th>
<th>unusual feature</th>
</tr>
</thead>
<tbody>
<tr>
<td>31. plant disease</td>
<td>1 word answer</td>
</tr>
<tr>
<td>32. French king’s wicked city</td>
<td>3 word answer</td>
</tr>
<tr>
<td>33. availability of winning serves</td>
<td>2 double letters singled</td>
</tr>
<tr>
<td>34. own multiple faces</td>
<td>&quot;</td>
</tr>
<tr>
<td>35. take back your rest periods</td>
<td>&quot;</td>
</tr>
<tr>
<td>36. have sheriff-gang pretenses</td>
<td>3 word serial reduction</td>
</tr>
</tbody>
</table>

ANSWERS to Double Up #1, ANIL
(In some cases reversing the order of the words is also correct, if less so, but most often not.)

1. Fed feed                                            13. copper coper                       25. net nett
2. coop cop                                            14. Ma’s mass                         26. swop swoop
3. sober sober                                         15. rapper raper                       27. shooed shoed
5. lases lasses                                       17. staling stalling                  29. whop whoop
6. Prof.-proof                                        18. toper topper                      30. pining pinning
7. brass bras                                         19. pep peep                          31. rootrot
8. loot lot                                           20. holy holly                         32. Louis’ vile Louisville
9. as ass                                              21. bony, bonny                        33. aces access
10. mouse mousse                                      22. walled, waled                     34. possess poses
11. sparred, spared                                    23. ROM room                          35. repossess reposes
12. caress cares                                       24. fluters’ flutters                  36. possess posse’s poses
TRIPLE WORD LADDER PHRASES

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Consider the 3-word phrase VAN LED WAY. Change the first of the 3 letters in each word to make another phrase, JAN WED RAY. Repeat the exercise to make a third phrase, IAN FED MAY.

VAN LED WAY
JAN WED RAY
IAN FED MAY

VAN, JAN and IAN form a word ladder; LED, WED and FED form another word ladder; WAY, RAY and MAY form a word ladder. These are Triple Word Ladder Phrases.

Another example is:

RON HIT MAN
DON LIT PAN
JON BIT DAN

A similar exercise changes the second of the 3 letters in each word to make another phrase.

THE HOT TIP                      SHE HAD ACE
TOE HIT TAP                     SUE HID AXE
TIE HAT TOP                     SEE HUD AGE

Here the third of the 3 letters in each word is changed to make another phrase.

LEN HIT BIN                     REG HAS RIB
LET HIM BID                     REP HAD RIG
LEO HID BIB                     RED HAT RIM
ESQUIRE Articles by Martin Gardner

From the Collection of Jeremiah Farrell
Indianapolis, Indiana

Mar. 1948 "The Loves of Lady Coldpence" p. 40
   Also: p. 71 "The Art of Coffeehouse Bridge."
   p.10 Another approach to Jan. 1948 triangle construction

May, 1948 "Dr Clodhopper's Footses" p. 155

Sept. 1949 "Love and Tiddlywinks" p. 76 "I had forgotten what 'Tiddlywinks' meant."
   (It meant "making love").
   Also: p. 120 "These are my Mental Setting-up Exercises: David Shulman
   p. 22 (9th, "Yarn" pictures ) Bio

Feb. 1950 "One More Martini" p. 83

Feb. 1952 "Miss Medford's Moon...Adventure in 2215 p. 34

Condition: Sept. 1949 is missing its back cover and a coupon has been clipped.
   Otherwise, all are VG. All are signed by Martin Gardner.

The list misses the twelfth short story "Old Man Gloom" which appears in the November,
1950 issue of Esquire.

It may be difficult to find nice copies of these old magazines, but, as usual, Gardner has
supplied us with reprints of most of the stories; his No Sided-Professor, 1987, Prometheus
Books, contains ten of them. It omits the February 1952 story altogether and about “Flo’s
Freudian Slip,” October, 1947, Gardner says “Esquire cut and rewrote the story, but when I
read my original text it was even worse, so I tore it up.”

Some asides gleaned from the Prometheus book. About October, 1946: “[this] was the
first story for which I got paid.” January, 1947: “Forgive the crude pun.” [on the name
the book the title is “At the Feet of Karl Klodhopper”. September, 1949: “... this
disgusting yarn...”
MORE ETYMOLOGICAL CURiosITIES

ANIL
Perth, Australia

* SEXTUPLY WEIRD

**whetstone**  Wets t’ hone.

This ¹homophonic ²anagram ³definition is already highly unusual but goes on to become a perhaps unique curiosity in its ⁴etymology, a ⁵paradox. Neither **stone** nor **whet** is related to **hone**, yet hone as a noun means whetstone and comes from a word that means stone (OE *han*) and from an earlier word that means whetstone (Skt. *sana*)! **Stone** instead traces back to I-E *stai-, sti-, whet* is from OE/Germanic words meaning sharp(en), and wet has the same origin as water, but here it usually means wet with oil. ⁶In addition, the anagram is a near charade, simply moving one letter (h).

* SAME BUT DIFFERENT

**Defer** and **deter** are unrelated yet have the same definition, **put off**, in two different senses.

* QUADRUPLE PUN?

**Websters weave webs, weft/woof interwoven.**

This nearly tautological definition of webster is composed only of related words, not surprisingly. What’s surprising is the quadruple pun. Webster is an old word for **weaver**, interpretable as: 1) human weaver; 2) spider; 3) surfer, web surfer, webmaster; 4) Noah Webster’s alphabetical web.

* QUADRUPLE COINCIDENTAL SIMILARITIES

The word **bound** has four similar meanings from four unrelated origins.
1) obliged, fastened <past tense of bind <band (fasten).
2) boundary <OF *bonde*, borne, bone.
3) intending, toward <Oice *buinn*, bun (get ready, dwell).
4) leap <F. *bondir*, rebound, spring, make a resounding noise; related to bomb.
The meanings overlap heavily, all implying limitation, edge or aim/move toward. 1-2 are actually opposites of 3-4, stationary vs. moving. Compare **rack** in the Aug.’18 Mean Sidewalks.

* 2 TRIPLE COINCIDENTAL SIMILARITIES

1) three unrelated but related-looking word groups all meaning divide/divided/division:
**separate** <pare.
**sept** 1, **septate, septum** <L. *saeptus*, enclose.
**sept** 2 (tribe division) <section.

2) **found** is 3 homographic cognates, all ≈ bring into being or awareness.)
a) find, past tense <OE *finden*, come upon.
b) base, establish <bottom, lay foundation.
c) mold, cast (metal, in a foundry) <mix, melt together.
• MORE SINGLE COINCIDENTAL (etymologically unrelated) SELF-SIMILARITIES
briar plants: 1) thorny bush; 2) also brier, heath plant > brier pipe.
keel marine vessels: 1) spine of a ship, a ship (poetic); 2) a type of boat, a barge.
meal food: 1) ground grain; 2) a repast <measure.
muse thought-producers: n.) goddess, poetic inspiration; vb) ponder, entertain (an idea), amuse.
policy plans, practices: 1) government program, plan of action; 2) insurance contract
tarry delay(er)s: 1) delay; 2) like tar (a delayer).
And a coincidental self antonym:
yard size opposites: 1) something large (lawn or garden) vs. 2) something small (3 ft. length).
(Yard 2 once meant penis! What?? Of an elephant or whale?)

• EVIL METALS
Tho not related, cobalt and nickel were both named after demons by superstitious miners. Nickel
first meant demon or the Devil, Old Nick. Cobalt is from kobold, a goblin or demon.
INSTRUCTIONS TO AUTHORS

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Authors are encouraged to send computer-ready articles in Microsoft Word with the following specifications:

- Title: 14 pt Times New Roman BOLD
- Text: 12 pt Times New Roman
- Page Size: 7 inches horizontal, 9 inches vertical

Diagrams and the like should be drafted in black or India ink in a form suitable for photo-offset.

In non-fiction articles, the responsibility for the accuracy of any statement rests primarily with the author. The general scope of any investigation should be defined: for example, a statement that words have been taken from the Merriam-Webster Collegiate Dictionary or the Merriam-Webster Unabridged Dictionary, Third Edition., or place names taken from the Times Index-Gazetteer of the World. If a word or name comes from an unusual source, this should be identified. Footnotes in general should be avoided; references can be given either in the text or at the end of the article.

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