

New Pair Isograms

Darryl Francis
Maryport, Cumbria, England
darryl.francis@yahoo.co.uk

Dmitri Borgmann introduced the concept of pair isograms in *Language on Vacation*. Pair isograms are words which use pairs of each different letter. The examples provided by Dmitri, all with ten letters, included:

ARRAIGNING HORSESHOER
REREIGNING INTESTINES
TESSELLATA SUPERPURES
TROMOMETER

Additional examples discovered since the publication of *Language on Vacation* include these 12- and 14-letter specimens:

CICADELLIDAE SCINTILLESCE
GRADGRINDIAN TAENIODONTIDAE
HAPPENCHANCE TRANSNISTRIA

I was recently inspired to start searching for more of these rare items, extending my searches to include proper names and multi-word terms. For obvious reasons, I ignored words and terms which are simply tautonyms (ie where the first and second halves are identical – for example, CHIMACHIMA). My thirty best finds are listed and described below. Unfortunately, none of the thirty new pair isograms is a solidly spelled dictionary-listed word. The few solidly spelled words are proper names not listed in dictionaries, while the rest are multi-word terms, mostly proper names, but with a few dictionary-listed multi-word terms.

10 letters

Callictita

Callictita is a genus of butterfly in the family Lycaenidae.

Matt McCall

Matt McCall (born July 3, 1981, in Denver, North Carolina) is a professional race car driver.

race caller

A race caller is a public-address announcer or sports-caster who describes the progress of a race, either for on-track or radio and TV fans. Race callers are most prominent in horse racing, auto racing and track-and-field events.

Stella East

Stella East (born October 25, 1955) is a Canadian-Norwegian artist and illustrator. She was educated in Canada, USA, England and Norway. East has illustrated ten picture-books since 1987. Her books have been published in Canada, USA, Norway, Denmark, Greece and Germany.

12 letters

Anemic Cinema

Anemic Cinema or *Anémic Cinéma* (1926) is a Dadaist, surrealist, or experimental film made by Marcel Duchamp. The film depicts whirling animated drawings -- which Duchamp called Rotoreliefs -- alternated with puns in French.

Dermod O'Meara

Dermod O'Meara was an Irish physician and poet, author of the first medical work printed in Dublin in 1619.

fringing reef

A fringing reef is one of the three main types of coral reef recognized by most coral reef scientists. It is distinguished from the other two main types (barrier reefs and atolls) in that it has either an entirely shallow back-reef zone (lagoon) or none at all.

Gaignun Kukai

Gaignun Kukai is a character in *Xenosaga*, a series of science fiction video games developed by Monolith Soft and published by Namco Bandai. *Xenosaga*'s main story is in the form of a trilogy of PlayStation 2 video games. Gaignun Kukai is the chairman of the Kukai Foundation, a special organization based in Miltia.

Gemma Garrett

Gemma Garrett (born 25 September 1981, Belfast, Northern Ireland) is a former holder of the titles Miss Great Britain and Miss Belfast. She is also the official face of the Formula One British Grand Prix at the Silverstone racing circuit.

Grossgotttern

Grossgotttern is a municipality in the Unstrut-Hainich district of Thuringia, Germany. The name is findable on various websites, although many of the spellings have the usual German ß for the double-S.

Hans Hattesen

Hans Henrik Hattesen (born May 12, 1958, Copenhagen, Denmark) is a former Danish handball player who competed in the 1980 Summer Olympics and in the 1984 Summer Olympics.

Helma Lehmann

Helma Lehmann (born June 23, 1953) is a German rower who competed in the 1976 Summer Olympics representing East Germany. She won a gold medal as part of the women's eight.

Inka Dinka Doo

Inka Dinka Doo is a 1933 popular song with words and lyrics written by Jimmy Durante and Ben Ryan. By 1934 the song was a major hit record and it became Durante's theme song for the rest of his life.

Ioannis Okkas

Giannakis 'Ioannis' Okkas (born February 11, 1977, in Larnaca, Cyprus) is a Cypriot football striker, who currently plays for Anorthosis Famagusta Football Club. He is also the captain of the Cyprus national football team.

Ipota Airport

Ipota Airport is an airfield near Ipota on the island of Erromango, in the Taféa province in Vanuatu. It is one of two airfields in the island, the other being Dillon's Bay Airport in the west.

Isabel Blaesi

Isabel Blaesi (born April 1, 1990) is a Filipina actress who is currently a member of ABS-CBN's circle of home-grown talents named Star Magic.

Killian Keane

Killian Keane is a retired Irish rugby union player. He was born in Skerries, County Dublin, Ireland in August 1971.

Lolita Nation

Lolita Nation is the fourth official album by Game Theory. Originally released in 1987 as a double LP, it is often considered to be the group's finest work.

Made in Medina

Made in Medina is a studio album by French-Algerian raï artist Rachid Taha, released in 2000 by Barclay Records and produced and arranged by Steve Hillage. Five of the songs were subsequently featured in Taha's live album.

Mariana Marin

Mariana Marin (February 10 1956 – March 31, 2003) was a Romanian poet. One of the most gifted and uncompromising poets of the 1980s generation,

Adam Sorkin described her as "a distinctive voice revealed from the dark night of humanity's soul."

Narnia series

An informal term for *The Chronicles of Narnia*, a series of seven fantasy novels for children by C. S. Lewis. It is considered a classic of children's literature and is the author's best-known work, having sold over 100 million copies in 47 languages. Written by Lewis between 1949 and 1954, illustrated by Pauline Baynes and originally published in London between October 1950 and March 1956, *The Chronicles of Narnia* has been adapted several times, complete or in part, for radio, television, the stage, and film.

Pienki Okopne

Pieńki Okopne is a village in the administrative district of Gmina Przytuły, within Łomża County, Podlaskie Voivodeship, in north-eastern Poland.

trigger sites

Trigger sites, also known as trigger points or muscle knots, are described as hyperirritable spots in skeletal muscle that are associated with palpable nodules in taut bands of muscle fibers.

Trou au Natron

Trou au Natron is a volcano in the nation of Chad in Northern Africa. It is located just south east of Toussidé, the westernmost volcano of the Tibesti Mountains.

14 letters

Darnell Sanders

Darnell Sanders (born March 16, 1979 in Cleveland, Ohio) is a former American football tight end in the National Football League. He played in 36 games (23 starts) at Ohio State University and finished with 42 catches for 474 yards and nine touchdowns. He was drafted in the 2002 NFL Draft by the Cleveland Browns. He also played for the Atlanta Falcons.

Dresser, Indiana

Dresser was a small town in Steuben Township, Warren County, Indiana, United States. It was founded shortly before the turn of the 20th century and consisted of several residences and a post office. The post office operated only from 1899 to 1903. The town was named after Paul Dresser, the American songwriter who wrote "On the Banks of the Wabash, Far Away" (which became Indiana's state song); Harvey Porter Layton, the first postmaster, had met Dresser at the Hotel Mudlavia and was so impressed with the man that he named the town after him.

Metro Misterios

Metro Misterios (Spanish: Estación Misterios) is a station on Line 5 of the

Mexico City Metro. The station was opened on 1 July 1982. The station serves the Colonia Vallejo and Colonia Peralvillo neighborhoods of the Azcapotzalco borough in the northern portion of Mexico City.

Stewart Edwards

Stewart Edwards is a television producer, his name appearing in the film database IMDB. There are many other individuals with this name, locatable via a Google search.

stuck one's neck out

This is the logical past tense of the term "stick one's neck out", an entry from the Oxford English Dictionary, defined thus:

to stick (also put) one's neck out : to expose oneself to danger, reprisal, criticism, etc.

16 letters

Cercartetus nanus

The genus *Cercartetus* is a group of very small possums known as pygmy possums. Four species comprise this genus, which together with the genus Burramys make up the marsupial family Burramyidae. The Indonesia Institute of Science reported on the possible discovery of a new species of *Cercartetus* pygmy possum upon visit to the Foja Mountains in June 2007. The four species of the genus are:

Long-tailed Pygmy Possum, *Cercartetus caudatus*
Southwestern Pygmy Possum, *Cercartetus concinnus*
Tasmanian Pygmy Possum, *Cercartetus lepidus*
Eastern Pygmy Possum, *Cercartetus nanus*

Less than Perfect

During my search, I came across a few items which break down into pairs of letters with one particular letter pair being repeated. Dmitri Borgmann gave TATTLETALE as an example of this type of imperfect pair isograms – it has a pair each of A, E and L, but three pairs of T. For the sake of posterity, I still thought it was worth recording these items, and they are listed below.

Albert Bartlett

Albert Bartlett (born 1923 in Shanghai) is an emeritus Professor of Physics at the University of Colorado at Boulder, USA. As of July 2001 Professor Bartlett had lectured over 1,600 times since September, 1969 on *Arithmetic, Population, and Energy*. Bartlett regards sustainable growth as a contradiction, since modest annual percentage population increases will inevitably equate to huge exponential growth over sustained periods of time.

Catallacta

A division of Protozoa. They exist both in a myxopod state, with branched

pseudopodia, and in the form of ciliated bodies united in free, spherical colonies. So now you know!

Lester Telser

Lester Greenspan Telser (born January 3, 1931 in Chicago) is an American economist and Professor Emeritus in Economics at the University of Chicago. He is a graduate of Roosevelt University. He received his Ph.D. from the University of Chicago in 1956 and has been a member of the faculty since 1958.

Nhlanhla Nene

Nhlanhla Musa Nene (born 5 December 1958) has been the deputy minister of finance in the Cabinet of South Africa since November 2008. He previously was the Chair of the South African Finance Portfolio Committee.

siege engines

This is the logical plural of an entry from the Oxford English Dictionary:
siege engine n. now *historic*, a machine used in besieging a castle, town, etc; *specifically*. a catapult or trebuchet

sniffinesses

The plural of the simple Webster's Third word SNIFFINESS.

snippinesses

The plural of the simple Webster's Third word SNIPPINESS.