

## AN A TO Z OF TEN-SQUARES

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There have been many discussions over the years on how to make ten-squares, including what kind of words are best suited. A review of all these ideas against the words in my 2000+ squares would be very lengthy, so I provide here some raw material for readers to do this if they wish. At the same time, it will be of wider interest to publish further reasonable examples to add to the four best I have already published. The criterion I have chosen is to publish the best square or squares (in my opinion) starting with each letter of the alphabet. Perhaps surprisingly, this turned out to be possible without sacrificing too much quality. The best squares shown (D, E, and P) have few imperfections, whereas the worst (F, J, O, Q, W, X, Y, and Z) have around 10 (there can be a number of imperfections in one word). The squares starting A and D were previously published in *Word Ways* 2002-163 and 2002-244: curiously, it was very rare to find squares as good as these in the remainder of the alphabet.

To obtain ten good words that work together in a square is not a trivial matter: every word must be acceptable. In this respect, I have found one source unhelpful: there is a file on the Internet purporting to list the words in Stedman. It contains many words not in my edition, and *sternoidal*, though seemingly reasonable, I have only been able to verify as a typo for *steroidal*.

It will be noted that foreign place names occur in every square: this may not be because of the unusual letter sequences in them but rather due to the sheer number of them. Actually, the fraction of words which are place names in the squares below (less than half) is substantially less than the fraction of the word list they occupy. In part, this is because the selection method discriminates against place names – just as it does against hyphens, initial capitals, phrases, and non-headwords. The place *A-la-le-t'o-pai* in theory should collect six demerits, but this would give it a negative score, and alone would relegate its square to the also-rans, which seems excessive. I have included two O-squares in case *inhalanter* is deemed unacceptable.

Bold face indicates capitals. Alternatives for single words are sometimes given after a semicolon in the notes. I used a program from Chris Long, whom I wish to thank, to find most of the later squares (though it did cost me a bigger machine!).

The percentages of squares starting with each letter of the alphabet were:

A	B	C	D	E	F	G	H	I	J	K	L	M
8.2	8.3	7.1	3.7	3.2	0.8	1.1	3.1	6.4	0.6	5.8	3.5	6.1
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
3.0	2.7	6.5	0.5	2.1	9.1	8.9	3.1	1.1	1.7	0.2	1.6	1.6

Sources: Dorland = Dorland's Illustrated Medical Dictionary; ITIS = Integrated Taxonomic Information System of the USDA; ITISa = ITIS animal; ITISp = ITIS plant; NIMA = National Imagery and Mapping Agency (USA, default source for place names, given as latitude N and longitude E [erroneously W in 2002-244]); OSPD = Official Scrabble Players Dictionary; q = quote (citation).

A B A P T I S T U M	Web2, abaptiston
B A H R A M T A P A	in Azerbaijan, $39^{\circ} 44'$ , $47^{\circ} 57'$
A H L E R B R U C H	in Germany, $52^{\circ} 12'$ lat, $8^{\circ} 29'$
P R E P A R A T O R	OED
T A R A D A N O V A	in Russia, $54^{\circ} 45'$ , $86^{\circ} 41'$
I M B R A N G L E S	OED imbrangle, verb
S T R A N G F O R D	in Hereford & Worcester, England (Autostreet 2000 Lite)
T A U T O L O G I A	Late Latin (or Greek), whence tautology, qv in OED
U P C O V E R I N G	OED
M A H R A S D A G I	Mahras Dagi in Turkey, $36^{\circ} 43'$ , $33^{\circ} 17'$

B A N P A K K H E N	Ban Pakkhen, Laos, $19^{\circ} 50'$ , $101^{\circ} 04'$
A M A R C H H A R E	a March hare, OED mad 8
N A M E C U A C U A	Monte Namecuacua, Mozambique, $-15^{\circ} 59'$ , $38^{\circ} 23'$
P R E C O R R E C T	Web2 below line
A C C O U S E N T E	Roget 488 assent: chi tace accusente (Italian)
K H U R S H I D A N	Rud-i-Khurshidan, Iran, $33^{\circ} 2'$ , $59^{\circ} 53'$
K H A R E I J A T E	Kheurbet Khareijate, Syria, $36^{\circ} 46'$ , $41^{\circ} 16'$
H A C E N D A D O S	OED hacendado
E R U C T A T O R S	OED eructator
N E A T E N E S S E	OED neatness 1 1555q

C I L A S T A T I N	Stedman
I T A L I A N A T O	OED Italianate, Italian
L A M B E R T I A N	Lambertian, www.photonics.com/dictionary
A L B E R T I T E S	OED, albertite (mineral)
S I E R R A M I N T	Sierra mint, ITISp
T A R T A S E S T I	Comuna Tartasesti, Romania, $44^{\circ} 34'$ , $25^{\circ} 49'$
A N T I M E L L I N	Web2
T A I T I S L A N D	Tait Island, Cameroon, $44^{\circ} 5'$ , $8^{\circ} 32'$
I T A E N T I N G A	Rio Itaentinga, Brazil, $-17^{\circ} 32'$ , $-39^{\circ} 14'$
N O N S T I N D A N	Nonstindan, Norway, $65^{\circ} 27'$ , $13^{\circ} 32'$

D E S C E N D A N T	OED
E C H E N E I D A E	Echeneidae, Webster 2 (genus)
S H O R T C O A T S	shortcoats, see OED short-coat, 1649 quote
C E R B E R U L U S	ITIS animal: Camponotus cerberulus venturensis
E N T E R O M E R E	enteromere, see Webster 2 enter-
N E C R O L A T E R	necrolater, Chambers, see necro-
D I O U M A B A N A	Dioumabana, Guinea, $11^{\circ} 16'$ , $9^{\circ} 08'$
A D A L E T A B A T	Adaletabat, Turkey, $38^{\circ} 58'$ , $42^{\circ} 42'$
N A T U R E - N A M E	nature-name, see OED nature V.15.
T E S S E R A T E D	tessered, see OED tesserate

EPISCOPARI	nolo episcopari, Chambers
PENTOSALEN	www.mohp.gov.eg/english/Sec/ClinicalRes/drugsgeneric.asp
INDERTRIFT	In der Trift, Austria, 48° 40', 16° 24'
STERNEEDLE	Sterneedle tuberculin test, Dorland
CORN-COLOUR	corn-colour, OED corn 9
OSTEOMELES	Osteomeles tauricum dodgeana, ITISp
PARELEDONE	Pareledone delicata floridana, ITISa
ALIDOLOBTA	Alidolobta, Djibouti, 11° 45', 42° 25'
REFLUENTEM	OED refluent, Latin precursor
INTERSEAMS	OED interseam, verb; or INTERSEAMD OED interseam, 1590q
FABODTRASK	Fabodtrask, Sweden, 64° 41', 19° 49'
ARA-SARANTA	Ara-Saranta, Russia, 51° 53', 110° 31'
BATES'ASTER	Bates' aster, ITISp
OSESHCHINA	Osehchina, Ukraine, 50° 34', 30° 33'
DASHCHENKI	Dashchenki, Ukraine, 50° 23', 32° 44'
TRACHEROUS	OSPD, and common error for treacherous on Internet!
RASHERWELL	Rasherwell, OED tuck 10b, 1860q, personal name
ANTINOELLA	Antinoella parasitica nigrieventris, ITISa
STENKULLEN	Stenkullen, Sweden, 64° 19', 21° 27'
KARA ISLAND	Kara Island, Japan, 37° 5', 136° 52'
GATSCHAPAR	Gatschapar, Micronesia, 9° 32', 138° 11'
APOTHESINE	Web2
TORREILLES	Torreilles, France, 42° 45', 2° 59'
STRICTALIS	Thaumatopsis pexella strictalis, ITISa
CHECKEMATE	OED bear, 6b 1674q
HEITERBREY	Heiterbrey, Germany, 52° 29', 11° 19'
ASLAMBURNU	Aslam Burnu, Turkey, 38° 44', 26° 44'
PILLAR-ROSE	pillar-rose, OED pillar 12, 1837q
ANEITENSIS	Entomacrodus aneitensis plurifilis, ITISa
RESSEYUEST	OED receive d, 1338q
HARADSMALA	Haradsmala, Sweden, 56° 31', 14° 28'
ASELELIDEN	Aseleliden, Sweden, 63° 48', 17° 45'
RELABELING	OED relabel, verb; or REPARSELING OED reparelling, 1579q*
A-LA-LE-T'O-PAI	A-la-le-t'o-pai, Mongolia, 48° 04', 88° 59'
DEBELTSOVO	Debeltsovo, Bulgaria, 43° 06', 25° 06'
SLETTNESSET	Slettneset, Norway, 62° 52', 8° 36'
MILOSEVINA	Milosevina, Bosnia and Herzegovina, 44° 09', 19° 01'
ADIPOSITIS	Dorland
LENAVENIAI	Lenaveniai, Lithuania, 55° 18', 22° 14'
ANGIOTASIS	Pulliam

\* which requires DEREVTSOVO, Derevtsovo, Russia, 58° 32', 33° 54' to make a second square

I M P R E S S U S S	Haliplus impressus grunniens, ITISa
M A L A S H E N K I	Malashenki, Belarus, 55° 37', 30° 0'
P L A N T E R D O M	OED planter 11
R A N N A N P E R A	Rannanpera, Finland, 64° 04', 23° 39'
E S T A N T E R O L	OED stentrel, Spanish precursor
S H E N - T ' A N G - T I	Shen-t'ang-ti, Christmas Island, 37° 24', 111° 55'
S E R P E N T O I D	Web2
U N D E R G O W N S	OED undergown
S K O R O T I N C I	Skorotinci, Croatia, 45° 7', 18° 53'
S I M A L I D S I D	Simalidsid River, Philippines, 10° 50', 123° 20'

J A S T R E B A C A	Jastrebaca, Bosnia and Herzegovina, 44° 06', 19° 13'
A C H A I S O N E R	OED chesoun, Old French precursor
S H E D O M I T S A	Shedomitsa, Russia, 58° 30', 34° 19'
T A D I T A S H A N	Khrebet Taditashan, Russia, 46° 3', 134° 0'
R I O T O R D E R A	Rio Tordera, Spain, 41° 39', 2° 47'
E S M A R M E L E R	Esmarmeler, OED croose, 1611q book by Cotgrave
B O I S D E T O V A	Bois de Tova, France, 41° 52', 9° 17'
A N T H E L O T I C	Dorland
C E S A R E V I C H	Chambers tsar (eldest son thereof)
A R A N A R A C H E	Aranarache, Spain, 42° 47', -2° 13'

K A C H I K A M A R	Kachi Kamar, Pakistan, 32° 39', 70° 58'
A D R E N A L O N E	Web2
C R E P I T A N T S	Stedman crepitant
H E P H A E S T I C	Hephætic, OED Hephaestus
I N I A N D H E R I	Inian Dheri, Pakistan, 34° 14', 72° 17'
K A T E D R A L E N	Katedralen, Greenland, 70° 53', -22° 58'
A L A S H A K E N D	Alashakend, Azerbaijan, 38° 27', 48° 48'
M O N T E L E O N E	Monteleone, author of Criminal Slang (1949),*
A N T I R E N N I N	Web2 anti- (no hyphen)
R E S C I N D E N T	OED

\* also Villanova Monteleone, Italy, 40° 30', 8° 28'

L A T C H E S N E S	OED laches, 1481q
A C C O U N T A N T	OED
T C H A N D E N D A	Tchandenda, Angola, -12° 30', 15° 24'
C O A L D E A L E R	Web2
H U N D H A M I A L	Hun Dhamial, Pakistan, 33° 33', 73° 13'
E N D E A V O U R I	Metapenaeus endeavouri profunda, ITISa
S T E A M - O R G A N	steam-organ, OED steam 17
N A N L I U G A N G	Nanliugang, China, 36° 16', 114° 45'
E N D E A R A N C E	OED
S T A R L I N G E S	OED starling

MACABABALO	Macababalo Creek, Philippines, $14^{\circ} 10'$ , $122^{\circ} 44'$
AOULEFARAB	Aoulef Arab, Algeria, $26^{\circ} 57'$ , $1^{\circ} 5'$
CURLYGRASS	curlygrass fern, ITISp
ALLOTHEIST	Bloomsbury Thesaurus, or from OED allotheism
BEYT MANSUR	Beyt Mansur, Iran, $31^{\circ} 10'$ , $49^{\circ} 15'$
AFGHANGORI	Afghangori, Pakistan, $29^{\circ} 42'$ , $66^{\circ} 18'$
BARENGANAN	Barenganan, Iran, $36^{\circ} 0'$ , $52^{\circ} 46'$
ARAISONING	OED araison
L'ASSURANCE	L'Assurance, OED aid 8, 1691q
OBSTRINGED	OED obstringe verb
MAIDEN PAPS	Maiden Paps, Canada, $62^{\circ} 1'$ , $-72^{\circ} 25'$
ALTINTARLA	Altintarla, Turkey, $38^{\circ} 24'$ , $39^{\circ} 27'$
ITISSAREEF	Itissa Reef, Greece, $39^{\circ} 5'$ , $20^{\circ} 38'$
DISCORIATE	OED
ENSOMHEDEN	Ensomheden, Greenland, $63^{\circ} 43'$ , $-41^{\circ} 13'$
N'TARHATINE	Tasserda n'Tarhatine, Morocco, $30^{\circ} 33'$ , $-7^{\circ} 22'$
PARIETINIS	OED walling 2, 1382q (Wyclif)
AREADINESS	OED
PLETENISTE	Pletoniste, Bosnia and Herzegovina, $43^{\circ} 45'$ , $18^{\circ} 42'$
SAFENESSSES	OED safeness
MALENESSSES	OED maleness
AWANANWALA	Awananwala, Pakistan, $32^{\circ} 42'$ , $71^{\circ} 11'$
LANGSNAPEN	Langsnapen, Sweden, $58^{\circ} 34'$ , $14^{\circ} 52'$
ENGLASSING	OED englass verb
NASAMWIAGA	Nasamwiaga, Ghana, $10^{\circ} 12'$ , $0^{\circ} 2'$
ENN SWIESSEN	Ennswiesen, Austria, $47^{\circ} 35'$ , $14^{\circ} 23'$
SWASIELAND	Swasieland, (region of) Swaziland, $-26^{\circ} 30'$ , $31^{\circ} 30'$
SAPIASAPIA	Sapia Sapia, Angola, $-16^{\circ} 03'$ , $14^{\circ} 45'$
ELENGENIMA	Elengenima, Micronesia, $7^{\circ} 19'$ , $152^{\circ} 0'$
SANGANDAAN	Sangandaan, Philippines, $14^{\circ} 39'$ , $120^{\circ} 57'$
NISISASPRO	Nisis Aspro, Greece, $39^{\circ} 10'$ , $23^{\circ} 31'$
ITINERARIU	Heinrich Bunting, "Itinerariu, Sacrae Scriptura..."
SILVER COVE	Silver Cove, Canada, $50^{\circ} 53'$ , $-55^{\circ} 54'$
INVADIATED	OED invadiate, verb
SEEDEATERS	seedeaters, ITISa
ARRIANISM	OED Jewism 1, 1579q (no initial cap)
SACATINTAL	Quebrada Sacatintal, Honduras, $14^{\circ} 41'$ , $-89^{\circ} 2'$
PROTESTANT	Web2 (no initial cap)
RIVER MANYA	River Manya, Nigeria, $12^{\circ} 5'$ , $6^{\circ} 5'$
OUED SELTAT	Oued Seltat, Tunisia, $35^{\circ} 22'$ , $9^{\circ} 27'$

OCHIRIKROM  
CHILANHANA  
HILLSHAVEN  
ILL-PLANNED  
RASLULUIYA  
INHALANTER  
KHANUNWALI  
RAVNITAVAN  
ONE EYE LAKE  
MANDARINED

Ochirikrom, Ghana,  $6^{\circ} 43'$ ,  $-1^{\circ} 31'$   
Rio Chilanhana, Mozambique,  $-24^{\circ} 35'$ ,  $33^{\circ} 33'$   
Hillshaven, South Africa,  $-26^{\circ} 22'$ ,  $27^{\circ} 40'$   
ill-planned, Bloomsbury Thesaurus  
Ras Luluiya, UAE,  $25^{\circ} 22'$ ,  $56^{\circ} 21'$   
OED inhalant, adj & noun  
Khanunwali, Pakistan,  $32^{\circ} 44'$ ,  $72^{\circ} 1'$   
Ravni Tavani, Bosnia and Herzegovina,  $44^{\circ} 22'$ ,  $16^{\circ} 39'$   
One Eye Lake, Canada,  $51^{\circ} 58'$ ,  $-124^{\circ} 55'$   
Pulliam, also “shorter than haiku (!) to a **mandarined** high style”, [www.etext.org/Poetry/PoetryInk/PIv1n2.txt](http://www.etext.org/Poetry/PoetryInk/PIv1n2.txt)

OMIMICREEEK  
MARANHALLI  
IRONHA-CH'ON  
MANNAMIANG  
INHANSANGA  
CHAMSOLTAN  
RACIALISTS  
EL-HANTSCIA  
ELONGATION  
KINGANSANA

Omimi Creek, New Zealand,  $-45.69^{\circ}$ ,  $170.61^{\circ}$ \*  
Maranhalli, India,  $12^{\circ} 53'$ ,  $75^{\circ} 43'$   
Ironha-ch'on, North Korea,  $41^{\circ} 36'$ ,  $129^{\circ} 27'$   
Man Namiang, Burma,  $23^{\circ} 45'$ ,  $98^{\circ} 28'$   
Rio Inhansanga, Mozambique,  $-16^{\circ} 10'$ ,  $33^{\circ} 10'$   
Cham Soltan, Iran,  $33^{\circ} 16'$ ,  $49^{\circ} 54'$   
OED racialist  
Chormet el- Hantscia, Libya,  $31^{\circ} 52'$ ,  $12^{\circ} 59'$   
OED  
Kingansana, Democratic Republic of the Congo,  $-4^{\circ} 24'$ ,  $15^{\circ} 24'$   
\* [www.linz.govt.nz/databases/](http://www.linz.govt.nz/databases/)

PARADISIAL  
APEDINELLA  
REGISTREER  
ADINTEGRUM  
DISTERRARE  
INTERFERON  
SERGREIANT  
ILERARAPAI  
ALEURONATE  
L'ARMENTIER

OED  
Apedinella laetevirens amphora, ITISp  
OED suppowell b, 1430q  
Tristoma adintegrum ophiocephali, ITISA  
OED disterr, Italian precursor  
OED  
OED sergre(i)ant  
Ile Rarapai, French Polynesia,  $-27^{\circ} 34'$ ,  $-144^{\circ} 21'$   
Stedman  
l'Armentier, France,  $45^{\circ} 3'$ ,  $6^{\circ} 3'$

PASSAGE-BED  
ANKALOTANY  
SKINFINTS  
SANTALODES  
ALFAXALONE  
GOLLA KONDA  
ETIOLOGIES  
BANDONIONS  
ENTENDENG  
DYSSEASSES

passage-bed, OED passage V 16 b  
Ankalotany, Madagascar,  $-13^{\circ} 3'$ ,  $49^{\circ} 53'$   
OED skinflint  
Rourea is preferred genus name of this dicotyledon\*  
[www.exoticanimal.net/drugbook/BookInformation/DrugName.html](http://www.exoticanimal.net/drugbook/BookInformation/DrugName.html)  
Golla Konda, India,  $17^{\circ} 39'$ ,  $83^{\circ} 11'$   
OED etiology  
Chambers bandoneon  
OED reject, 1432q; or ENTENDENTE, Cerro El Entendente†  
OED disease  
\* [www.anet.com/~manytimes](http://www.anet.com/~manytimes)  
† Chile,  $-25^{\circ} 12'$ ,  $-70^{\circ} 3'$

Q A L A`-I- N A M A K	Qala`-i-Namak, Afghanistan, $34^{\circ} 18'$ , $62^{\circ} 33'$
A N O D R O S I N I	Ano Drosini, Greece, $41^{\circ} 12'$ , $25^{\circ} 35'$
L O C A R N I S T S	Locarnists, OED Locarno
A D A L E T A B A T	Adaletabat, Turkey, $38^{\circ} 58'$ , $42^{\circ} 42'$
I R R E B E R E N E	Mont Irreberene, Mali, $19^{\circ} 49'$ , $-1^{\circ} 52'$
N O N T E A C H E R	Web2 non
A S I A R C H A T E	Asiarchate, Web2
M I S B E H A V I N	"Ain't Misbehavin" song, eg OED mess 1e 1966q
A N T A N E T I V Y	Alan Antanetivy, Madagascar, $-16^{\circ} 37'$ , $49^{\circ} 28'$
K I S T E R E N Y E	Kisterenyé Vasutallomas, Hungary, $48^{\circ} 0'$ , $19^{\circ} 50'$

R E S I S T L E S S	OED
E V E N T U A L L Y	OED
S E L T A T P E A K	Seltat Peak, Canada, $59^{\circ} 36'$ , $-136^{\circ} 21'$
I N T E R T A Y N E	OED Christianlike B, intertayned in 1593q
S T A R B L I N D R	OED stareblind, Old Norse
T U T T L I N G E N	Tuttlingen, Germany, $47^{\circ} 59'$ , $8^{\circ} 49'$
L A P A I N I E R E	La Painiere, France, $48^{\circ} 6'$ , $-1^{\circ} 21'$
E L E Y N G E N E S	OED suspicion 1b, 1398q
S L A N D E R E R S	OED slanderer
S Y K E R N E S S E	OED sickerness, 1483q

S P A S M O D I S M	OED
P I T H A R A N T A	Pitharanta, Finland, $60^{\circ} 57'$ , $21^{\circ} 27'$
A T L A N T I D E S	Atlantides, Web2
S H A N G H A I E S	OED shanghai, verb, also OED shanghaied
M A N G A O R A P A	Mangaorapa Stream, New Zealand, $-40^{\circ} 17'$ , $176^{\circ} 34'$
O R T H O C O N I C	OED ortho- 1 (no hyphen); or ORTHOTONIC OED
D A I A R O M I N A	Comuna Daia Romina, Romania, $46^{\circ} 01'$ , $23^{\circ} 40'$
I N D I A N I Z E S	Web2 indianize (below line); or -ISE?
S T E E P I N E S S	OED
M A S S A C A S S E	Serra Massacasse, Mozambique, $-15^{\circ} 17'$ , $33^{\circ} 3'$

T A N A M A L A L A	Pulau Tanamalala, Indonesia, $-7^{\circ} 5'$ , $120^{\circ} 35'$
A D A R E M A N O R	Adare Manor House, Ireland, $52^{\circ} 33'$ , $-8^{\circ} 46'$
N A K E L E G A M A	Nakelegama, Sri Lanka, $7^{\circ} 42'$ , $80^{\circ} 5'$
A R E T A L O G E R	OED
M E L A N O D E R A	Melanodera melanodera wolcotti, ITISa
A M E L O G E N I C	Dorland
L A G O D E C I M A	Lago de Cima, Brazil, $-5^{\circ} 46'$ , $-43^{\circ} 47'$
A N A G E N I M O N	Anagenimon, Micronesia, $7^{\circ} 25'$ , $151^{\circ} 59'$
L O M E R I M O N G	Lomerimong, Kenya, $2^{\circ} 26'$ , $35^{\circ} 55'$
A R A R A C A N G A	Web2, below line

**U N T U N N E L E D**  
**N Y A N G A L A L A**  
**T A N T A R A R A S**  
**U N T O N A L I T Y**  
**N G A N O Y A K H A**  
**N A R A Y A N H A T**  
**E L A L A N G A L I**  
**L A R I K H A R A N**  
**E L A T H A L A W A**  
**D A S Y A T I N A E**

Web2 below line  
 Nyangalala, Tanzania, -3° 5', 33° 11'  
 "the tantarara of trumpets", Kincaid\*  
 Web2  
 Nganoyakha, Russia, 72° 6', 72° 38'  
 Narayan Hat, Bangladesh, 22° 49', 91° 40'  
 Elalangali, Namibia, -17° 36', 15° 25'  
 Larikharan, Afghanistan, 35° 39', 65° 40'  
 Elathalawa Pahala, Sri Lanka, 7° 32', 80° 3'  
*Dasyatinae ornata idahoensis*, ITISa  
 \* *Adventures in the Rifle Brigade*, Chapter XX, also Caius  
 Marius Act III, etc

**V A L E A H O G E A**  
**A R A N G U R I N G**  
**L A U T A R A N T A**  
**E N T H R O N G E D**  
**A G A R A N G E R A**  
**H U R O N I E L L A**  
**O R A N G E - S L I P**  
**G I N G E L L I N E**  
**E N T E R L I N E S**  
**A G A D A A P E S I**

Valea Hogea, Romania, 46° 43', 27° 16'  
 Aranguring, Philippines, 15° 21', 120° 34'  
 Mys Lautaranta, Russia, 60° 11', 29° 32'  
 OED enthrong  
 Agarangera, Mali, 16° 32', 3° 13'  
*Nomenclatus Zoologicus*  
 orange-slip, OED orange 2c  
 OED gingel(l)ine  
 OED enterline  
 Agada Apesi, Nigeria, 7° 21', 3° 0'

**W A D I E L ' E I S H**  
**A B U N D A N C I A**  
**D U F F E R T A N K**  
**I N F A N G E N N E**  
**E D E N B E R G E N**  
**L A R G E M O U T H**  
**E N T E R O C E L E**  
**I C A N G U E R A I**  
**S I N N E T - L A I D**  
**H A K E N H E I D E**

Wadi el 'Eish, West Bank, 32° 1', 35° 11'  
 OED plenty, 1483q also Abundancia, Brazil, -4° 9', -44° 39'  
 Duffer Tank, Australia, -17° 29', 124° 25'  
 OED outfangthief  
 Edenbergen, Germany, 48° 25', 10° 49'  
 Web2 under largemouthed below line  
 OED entero- (no hyphen)  
 Arroio Icanguerai, Brazil, -23° 01', -55° 23'  
 sinnet-laid, OED sinnet, 1856q  
 Hakenheide, Germany, 52° 1', 8° 43'

**W A D I G H A B A T**  
**A V E N U E - L I K E**  
**D E R D A M E R A U**  
**I N D I R E C T O F**  
**G U A R I L I H U E**  
**H E M E L Y T R A L**  
**A L E C I T H A L S**  
**B I R T H R A T E S**  
**A K A O U A L E N E**  
**T E U F E L S S E E**

Wadi Ghabat, Yemen, 15° 2', 47° 39'  
 avenue-like, OED ambulacral  
 Der Damerau, Poland, 53° 37', 20° 59'  
 in direct of, OED direct 1c  
 Guarilihue, Chile, -36° 32', -72° 43'  
 Web2 hemelytron  
 Stedman alecithal  
 OED ultra-high, 1977q (or hyphenated in OED headword)  
 Ti-n-Akaoualene, Mali, 15° 35', 0° 0'  
 Teufelssee, Austria, 47° 37', 14° 58'

**WALSHOUTEM  
ANALANGATA  
LACULSARAT  
SLUITERINA  
HALTBAKKEN  
ONSEABOARD  
UGARKOVICI  
TARIKAIKEA  
ETANERCEPT  
MATANDIATE**

Walshoutem, Belgium,  $50^{\circ} 43'$ ,  $5^{\circ} 5'$   
 Analangata, Kenya,  $-1^{\circ} 15'$ ,  $35^{\circ} 4'$   
 Lacul Sarat, Romania,  $45^{\circ} 13'$ ,  $27^{\circ} 54'$   
 Sluiterina eusoma stearnsiana, ITISa  
 Haltbakken, Norway,  $62^{\circ} 53'$ ,  $8^{\circ} 34'$   
 on seaboard, OED seaboard 2  
 Ugarkovici, Croatia,  $44^{\circ} 43'$ ,  $15^{\circ} 25'$   
 Tarikaikea, Indonesia,  $-1^{\circ} 26'$ ,  $137^{\circ} 53'$   
 tradename is Enbrel, Immunex Corp.\*  
 Matandiate, Equatorial Guinea,  $1^{\circ} 50'$ ,  $9^{\circ} 45'$   
 \* [www.fda.gov/cber/products/etanimm011502.htm](http://www.fda.gov/cber/products/etanimm011502.htm)

**XOMBANTANG  
OBERLAUTER  
MEMELISHTI  
BREWESTER  
ALLESTATES  
NAISTEKIVI  
TUSTAKH-SEN  
ATHETISING  
NETREVENUE  
GRIESINGER**

Xom Ban Tang, Vietnam,  $10^{\circ} 3'$ ,  $105^{\circ} 59'$   
 Oberlauterbach, France,  $48^{\circ} 57'$ ,  $8^{\circ} 4'$   
 Memelishti, Albania,  $40^{\circ} 56'$ ,  $20^{\circ} 38'$   
 OED brewster  
 all estates, OED estate 5  
 Naistekivi Maa, Estonia,  $58^{\circ} 14'$ ,  $21^{\circ} 55'$   
 Tustakh-Sen, Russia,  $69^{\circ} 8'$ ,  $156^{\circ} 11'$   
 from OED athetize verb  
 net revenue, Bloomsbury Thesaurus  
 Griesinger's Mental Path. & Therapeutics (book), or US Census

**YATTAWATTE  
AREAREGARD  
TETSUBAREI  
TASEGETEST  
ARUGAREN-TO  
WEBERASTER  
AGATESHELL  
TARENTELLE  
TRESTELLES  
EDITORLESS**

Yattawatte, Sri Lanka,  $7^{\circ} 33'$ ,  $80^{\circ} 34'$   
 OED arrière-guard, 1579q  
 Tetsuba-rei, North Korea,  $38^{\circ} 46'$ ,  $127^{\circ} 44'$   
 Tasegetest, Algeria,  $25^{\circ} 33'$ ,  $7^{\circ} 35'$   
 Arugaren-To, Marshall Islands,  $11^{\circ} 13'$ ,  $166^{\circ} 39'$   
 Weberaster modestus bulbifera, ITISp  
 agate-shell, OED agate 6  
 OED tarentella, French precursor  
 OED trestle 4a, 1497q; or TRESTELLIS OED turned 2a, 1440q  
 OED editor

**ZUSAMMFALL  
UAINUNODAI  
SISAL-GRASS  
ANAPLASMAS  
MULLANWARO  
MNGANGANGA  
FORSWARTED  
ADAMANTINA  
LASARGENAS  
LISSOADASI**

Zusammfall Bach, Germany,  $48^{\circ} 55'$ ,  $13^{\circ} 37'$   
 Uai Nunodai, East Timor,  $-8^{\circ} 46'$ ,  $126^{\circ} 16'$   
 sisal-grass, Chambers  
 Dorland anaplasma  
 Mullanwaro Dhand, Pakistan,  $26^{\circ} 25'$ ,  $68^{\circ} 59'$   
 Mnganganga, South Africa,  $-28^{\circ} 23'$ ,  $30^{\circ} 55'$   
 OED  
 Dorland enamel, dental (also place etc)  
 Las Argenas, Mexico,  $25^{\circ} 32'$ ,  $-108^{\circ} 27'$   
 Lissos Adasi, Greece,  $37^{\circ} 18'$ ,  $26^{\circ} 45'$