

# TRANSPOSALS OF 15 OR MORE LETTERS

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Two words are called transposals if they use the same letters in a different order. The letters may be rearranged only slightly, as in BACHELOR-BUTTONS and BACHELOR'S-BUTTON (a "trivial" transposal), or they may be quite mixed, as in COUNTERDOCTRINES and RECONSTRUCTIONED ("nontrivial"). **Word Ways** has published many short nontrivial transposals and a few long trivial and nontrivial ones over the years. In 1987 I discovered several new long nontrivial transposals during related logological research, and I soon began keeping a list of all the trivial and nontrivial transposals of at least 15 letters I could find. That list grew into the 604-transposal list presented in this article.

In compiling the list, I drew the transposals from four sources: (1) **Word Ways**, (2) Dennis Ritchie's list of transposals from Webster's Second Unabridged, produced at Bell Labs, (3) other logologists whom I contacted after reviewing their transposal articles in **Word Ways**, and (4) my own discoveries. Of the 604 trivial and nontrivial transposals in my list (counting plurals), a few dozen are from sources (1) and (2), about a dozen are from source (3) (Darryl Francis and Eric Albert), and the rest are my own discoveries. However, a number of my nontrivial finds that have not been previously published in **Word Ways** were independently discovered by Eric Albert in his own lengthy investigation of nontrivial transposals.

"Nontrivial" is not synonymous with "well-mixed," a term introduced in **Word Ways** more than a decade ago to describe quality transposals. Briefly, two words are nontrivial transposals if (1) they are not basically interchanged letter sequences and (2) they are not reduceable to shorter transposals by shortening or removing their affixes (e.g., depluralizing them). I will discuss this further in a subsequent article, where I will present long nontrivial transposals, subtransposals, transadditions, and transdeletions.

The longest transposal I found has 32 letters (31 letters for the singular): METER-KILOGRAM-SECOND-AMPERE SYSTEMS / METRE-KILOGRAM-SECOND-AMPERE SYSTEMS. Darryl Francis found the only other transposal nearly as long: FRIDERICHSEN-WATERHOUSE SYNDROMES / WATERHOUSE-FRIDERICHSEN SYNDROMES (31 letters, or 30 for the singular).

The trivial transposals in my list follow several patterns. You will see immediately from a quick glance at the list that most of the transposals consist of two synonymous technical terms with merely interchanged letter sequences. Including that pattern, there

are six patterns altogether:

- (1) Interchanging long sequences of letters: ELECTROMAGNETIC / MAGNETOELECTRIC, HAMMER AND SICKLE / SICKLE AND HAMMER.
- (2) Moving -S from one component to the other (plural, possessive, and/or variant spelling): ATTORNEY GENERALS / ATTORNEYS GENERAL, BACHELOR-BUTTONS / BACHELOR'S-BUTTON, DEOXYRIBONUCLEIC ACIDS / DESOXYRIBONUCLEIC ACID.
- (3) Transposing only some of the letters, leaving most unchanged: COMBINATIONAL NOTE / COMBINATIONAL TONE, CILIOFLAGELLATES / SILICOFLAGELLATE.
- (4) Transposing only an affix and moving it elsewhere in the word: MISREPRESENTATION / REPRESENTATIONISM, CHROMATOGRAPHER / RECHROMATOGRAPH.
- (5) Lengthening a shorter nontrivial transposal (adding the same affixes to both words): STATELESSNESSES / TASTELESSNESSES.
- (6) Using the -ER/-RE variant spelling: MICROMILLIMETER / MICRO-MILLIMETRE.

All words in my list are dictionary-sanctioned, be they capitalized, hyphenated, open compounds, or inflectional forms. Though I prefer not to stray from the Merriam-Webster series of dictionaries for the words, I do so since including all transposals already published in *Word Ways* requires me to and since some British variant spellings which are transposably prolific are not listed in Merriam-Webster (e.g., -IZE/-ISE and -ER/-RE). All words in the list are labeled according to the chart below. A few of the British spellings are not shown in the only British dictionaries I have access to and are labeled with "?"; perhaps a reader can find a source dictionary for these words. (If so, please write to *Word Ways*.)

With one exception, I've limited my sources to general-purpose dictionaries. I include Dorland's *Illustrated Medical Dictionary* only because it is already in use as a source of transposals in *Word Ways* and because it contains hundreds of very long transposals. However, with the exception of a few extremely long ones, no transposals in my list draw both their words from Dorland's.

Since most long transposals are technical terms, many not in my list can be found in specialized dictionaries I haven't consulted. Two examples found by Darryl Francis are: GLOSSOLABIOPHARYNGEAL PARALYSIS / LABIOGLOSSOPHARYNGEAL PARALYSIS (from *Century Supplement* / Dorland's 24th ed.) and SUPERPHOSPHATE-TRIPLE / TRIPLE SUPERPHOSPHATE (both words from *Chambers Science and Technology*).

Label	Source Dictionary
a	Addenda of Webster's Third Unabridged
c	Century Dictionary, or its Supplement
d	Dorlands Illustrated Medical Dictionary, 26th ed.
h	Chambers Twentieth Century Dictionary
m	American Heritage Dictionary
o	Oxford English Dictionary, or its Supplement (main entry or citation)

9	Webster's Ninth New Collegiate Dictionary
?	no dictionary listing found yet
none	Webster's Unabridged, Second and/or Third ed.
+	pluralizable into a longer transposal

To condense the list of transposals, I use a plus sign to the right of each word in a transposal pair whenever both words can be pluralized regularly to form a longer transposal (e.g., CINEMATOGRAPHER + / MEGACHIROPTERAN + indicates that CINEMATOGRAPHERS / MEGACHIROPTERANS is also a transposal). With this convention, the list of 604 transposals takes only 487 lines.

Some potential plural transposals in Webster's Second present a problem since they lack definitions and parts of speech. These words occur in "lists of self-explanatory combinations." If, after carefully examining the words' components in Webster's Second and Third, I still suspected that a plural was invalid, I omitted the words from the list. For example, see FRONTOPARIETAL and PARIETOFRONTAL in Webster's Second. I omitted the uncertain 15-letter plurals of these transposals from my list.

In the list, the alphabetically first word in each transposal pair is shown on the left, and the pairs are then alphabetized. (Punctuation is ignored for alphabetization.) For example, MEGACHIROPTERAN / CINEMATOGRAPHER is presented as CINEMATOGRAPHER / MEGACHIROPTERAN and is found after CILIOFLAGELLATES / SILICOFLAGELLATE and before CIRCULAR INTEGRAL / CIRCULAR TRIANGLE. Nontrivial transposals are shown in boldface type.

DICTIONARY-SANCTIONED TRANSPOSALS OF AT LEAST 15 LETTERS

ABDOMINOVAGINAL	VAGINOABDOMINAL
ABDOMINOVESICAL	VESICOABDOMINAL
ACCOUNTS CURRENT	CURRENT ACCOUNTS
ACETMETHYLANILIDE +	METHYLACETANILIDE +
ACETYL BENZOYL PEROXIDE +	BENZOYL ACETYL PEROXIDE +
a ACOUSTOELECTRIC	ELECTROACOUSTIC
<b>ACTION REGULATORS</b>	<b>CONGRATULATORIES</b>
ADENOCHONDROMATA	CHONDROADENOMATA
ADENOLYMPHOMATA	LYMPHOADENOMATA
ADIADOCHOKINESIS	DIADOCHOKINESIAS
AEROHYDROPLANES	HYDRO-AEROPLANES
AITOFF PROJECTIONS	AITOFF'S PROJECTION
a ALGORITHMICALLY	LOGARITHMICALLY
ALTITUDINARIANS	LATITUDINARIANS
ALUMINOSILICATE +	SILICOALUMINATE +
ANATOMICOPATHOLOGIC	PATHOLOGICOANATOMIC
ANATOMICOPATHOLOGICAL	PATHOLOGICOANATOMICAL
ANATOMICOPHYSIOLOGIC	PHYSIOLOGICOANATOMIC
ANATOMICOPHYSIOLOGICAL	d PHYSIOLOGICOANATOMICAL
ANGIOCHOLITISES	CHOLANGIOITISES
ANGIOCHONDROMATA	CHONDROANGIOMATA
ANGIOKERATOMATA	KERATOANGIOMATA
ANTEROPSTERIOR	d POSTEROANTERIOR
ANTHROPODEOXYCHOLIC ACIDS	ANTHROPODESOXYCHOLIC ACID
<b>ANTHROPOMORPHIC</b>	<b>CAPTORHINOMORPH</b>
ANTIBENZALDOXIME +	BENZANTIALDOXIME +
<b>ANTIPROTEOLYSIS</b>	? <b>PROSELYTISATION</b>
ANTITUBERCULOSIS	h TUBERCULISATIONS
ANTITUBERCULOUS	AUTOTUBERCULINS
<b>APHELIOTROPISMS</b>	<b>OMPHALOTRIPSIES</b>
APPRENTICE SEAMAN	SEAMAN APPRENTICE
APPRENTICE SEAMEN	SEAMEN APPRENTICE
AREA-MOMENT METHOD +	MOMENT-AREA METHOD +
ARTHROCHONDRITIS	CHONDROARTHRITIS
ASSOCIATIONISMS	MISASSOCIATIONS
ATTENTIVENESSES	TENTATIVENESSES
ATTORNEY GENERALS	ATTORNEYS GENERAL
AUTOBIOGRAPHIES	a BIOAUTOGRAPHIES
AUTORADIOGRAPHIC	RADIOAUTOGRAPHIC
AUTORADIOGRAPHS	RADIOAUTOGRAPHS
AUTORADIOGRAPHY +	RADIOAUTOGRAPHY +
BACHELOR-BUTTONS	BACHELOR'S-BUTTON
BACHMAN SPARROWS	BACHMAN'S SPARROW
BACTERIOPROTEIN +	BACTERIOTROPINE +
BANK AND TURN INDICATOR +	TURN AND BANK INDICATOR +
BARBITAL SODIUMS	SODIUM BARBITALS
BAROTHERMOGRAPH +	THERMOBAROGRAPH +
<b>BASIPARACHROMATIN</b>	<b>MARSIPOBRANCHIATA</b>
BEARDLESSNESSES	BREADLESSNESSES
a BELTED-BIAS TIRES	a BIAS-BELTED TIRES
BIOLOGICAL GEOGRAPHY +	GEOGRAPHICAL BIOLOGY +
BIOMETEOROLOGIES	METEOROBIOLOGIES
BIOPSYCHOLOGICAL	PSYCHOBIOLOGICAL
BIOPSYCHOLOGIES	PSYCHOBIOLOGIES
BIOPSYCHOLOGIST +	PSYCHOBIOLOGIST +
BIOSOCIOLOGICAL	SOCIOBIOLOGICAL
BIRD-FOOT VIOLETS	BIRD'S-FOOT VIOLET
BISHOP COADJUTOR +	COADJUTOR BISHOP +
BLACKSMITH SHOPS	BLACKSMITH'S SHOP
BLUE CORNFLOWERS	CORNFLOWER BLUES

- BOMB CALORIMETER +  
**BRAIN SPECIALIST**  
 CALCAREOCORNEOUS  
 CALCAREOSILICEOUS  
 CAPTAINCIES GENERAL  
 CAPTAINCY GENERAL  
 CAPTAIN GENERALS  
**CAPTURE THEORIES**  
 CARBON SILICIDES  
 CARCINOSARCOMATA  
 CARDIOMYOPATHIES  
**CENTAURUMACHIAS**  
 CENTER HALFBACKS  
 CENTER OF GRAVITY  
 CENTERS OF GRAVITY  
 CENTIMETER-GRAMS  
 CENTIMETER-GRAMS  
 CENTIMETER-GRAMS  
 CENTIMETER-GRAM-SECOND +  
 m CENTIMETER-GRAM-SECOND SYSTEM +  
 CENTIMETRE-GRAMS  
 CENTIMETRE-GRAMS  
 CEPHALOMENINGITIDES  
 CEPHALOMENINGITIS  
 CEREBROMENINGITIDES  
 CEREBROMENINGITIS  
 CERTIFICATORIES  
 CERVICO-OCCIPITAL  
 CHAMBERLAND-PASTEUR FILTER +  
 CHAMELEON MINERAL +  
 a CHANDLER'S WOBBLE  
 CHEATABLENESSES  
 CHEMICOMECHANICAL  
 CHEMICOPHYSICAL  
 CHEMOTROPICALLY  
 CHENODEOXYCHOLIC ACIDS  
 CHILE SALTPETERS  
 CHOLECYSTODUODENOSTOMY +  
 CHONDRODYSPLASIA +  
 CHONDROFIBROMATA  
 CHONDROLIPOMATA  
 CHONDROMYXOMATA  
 CHONDROMYXOSARCOMA  
 CHONDROMYXOSARCOMATA  
 CHORIOIDORETINITIDES  
 CHORIOIDORETINITIS  
 CHOROIDORETINITIDES  
 CHOROIDORETINITIS  
 CHRISTIANOPAGANISM +  
 CHROMATOGRAPHER +  
 CHROMOLITHOGRAPHY +  
 CHROMOPHOTOGRAPHY +  
 CHROMOPHOTOLITHOGRAPH +  
 CHRONOPHOTOGRAPH +  
 CHRONOPHOTOGRAPHIC  
 CHRONOPHOTOGRAPHY +  
 CILIOFLAGELLATES  
**CINEMATOGRAPHER** +  
 CIRCULAR INTEGRAL +  
 CLINICOPATHOLOGICAL  
 COADMINISTERING  
 CALORIMETER BOMB +  
**PLEBISCITARIANS**  
 CORNEOCALCAREOUS  
 SILICEOCALCAREOUS  
 CAPTAIN-GENERALCIES  
 CAPTAIN-GENERALCY  
 CAPTAINS GENERAL  
**SEROTHERAPEUTIC**  
 SILICON CARBIDES  
 SARCOCARCINOMATA  
 d MYOCARDIOPATHIES  
**MARCHANTIACEOUS**  
 o CENTRE HALF-BACKS  
 o CENTRE OF GRAVITY  
 o CENTRES OF GRAVITY  
 CENTIMETRE-GRAMS  
 GRAM-CENTIMETERS  
 GRAM-CENTIMETRES  
 CENTIMETRE-GRAM-SECOND +  
 h CENTIMETRE-GRAM-SECOND SYSTEM +  
 GRAM-CENTIMETERS  
 GRAM-CENTIMETRES  
 MENINGOCEPHALITIDES  
 MENINGOCEPHALITIS  
 MENINGOCEREBRITIDES  
 MENINGOCEREBRITIS  
 RECTIFICATORIES  
 OCCIPITOCERVICAL  
 PASTEUR-CHAMBERLAND FILTER +  
 MINERAL CHAMELEON +  
 a CHANDLER WOBBLES  
 TEACHABLENESSES  
 MECHANICOCHEMICAL  
 PHYSICOCHEMICAL  
 ECTOMORPHICALLY  
 CHENODESOXYCHOLIC ACID  
 o CHILE SALTPETRES  
 DUODENOCHELECYSTOSTOMY +  
 DYSCHONDROPLASIA +  
 FIBROCHONDROMATA  
 LIPOCHONDROMATA  
 MYXOCHONDROMATA  
 MYXOCHONDROSARCOMA  
 MYXOCHONDROSARCOMATA  
 RETINOCHORIOIDITIDES  
 RETINOCHORIOIDITIS  
 RETINOCHOROIDITIDES  
 RETINOCHOROIDITIS  
 PAGANO-CHRISTIANISM +  
 9 RECHROMATOGRAPH +  
 LITHOCHROMOGRAPHY +  
 PHOTOCHROMOGRAPHY +  
 PHOTOCHROMOLITHOGRAPH +  
 PHOTOCHRONOGRAPH +  
 PHOTOCHRONOGRAPHIC  
 PHOTOCHRONOGRAPHY +  
 SILICOFFLAGELLATE  
**MEGACHIROPTERAN** +  
 c CIRCULAR TRIANGLE +  
 PATHOLOGICOCCLINICAL  
 ? DEROMANTICISING

- COLOENTERITISES  
 COLOPROCTITISES  
 c **COLOR SENSATIONS**  
 COLUMBOTITANATE +  
 COMBINATIONAL NOTE +  
 COMBINATION NOTE +  
 COMMEDIA DELL'ARTES  
 COMMISSIONAIRES  
 COMMUNITY CENTER +  
 COMPENETRATIONS  
 CONCESSIONAIRES  
 CONDITION PRECEDENT +  
 CONDITION SUBSEQUENT +  
 CONFESSIONAIRES  
 CONFIGURATIONISM +  
 CONICO-HEMISPHERICAL  
 CONSERVATIONISM +  
 CONSERVATIONIST +  
 CONSTITUTIONALISM  
 CONSTITUTIONERS  
 CONSTRUCTIONISM +  
**CONTINENTAL CODE** +  
 CONTINUEDNESSES  
 CONTRACTION RULES  
 CORRELATIVENESS  
 COUCHANT AND LEVANT  
 COUNTERCHARMING  
**COUNTERDOCTRINES**  
**COUNTERREPRISAL**  
**COUNTERRIPOSTES**  
 COUNTERSTRIVING  
 CRIMELESSNESSES  
 CRITICOHISTORICAL  
 CYLINDRIC-OBLONG  
 CYSTOENTEROCELE +  
 CYSTOURETHRITIDES  
 CYSTOURETHRITIS  
 DACTYLOPTERIDAE  
**DECHLORINATIONS**  
 o **DECIMALISATIONS**  
 d DEJERINE-LANDOUZY DYSTROPHY +  
 o DELATINISATIONS  
 DELATINIZATIONS  
 DEOXYCHOLIC ACIDS  
 DEOXYCORTICOSTERONES  
 DEOXYRIBONUCLEASES  
 DEOXYRIBONUCLEIC ACIDS  
 DEOXYRIBONUCLEOPROTEINS  
 ? **DEPROTESTANTISE**  
 DERMATONEUROSES  
 DERMATONEUROSIS  
 DEXTROSINISTRAL  
 DIMISSORY LETTER  
 DIMISSORY LETTERS  
 DIOECIOPOLYGAMOUS  
 DISTRICT SCHOOLS  
 DOG'S-TOOTH VIOLET  
 DRAUGHTMANSHIPS  
 DUODENOPANCREATECTOMY +  
 d DURAND-NICOLAS-FAVRE DISEASE +  
 DYNAMOELECTRICAL
- ENTEROCOLITISES  
 PROCTOCOLITISES  
**CONSOLATORINESS**  
 TITANOCOLUMBATE +  
 COMBINATIONAL TONE +  
 COMBINATION TONE +  
 COMMEDIAS DELL'ARTE  
 COMMISSIONARIES  
 o COMMUNITY CENTRE +  
 CONTEMPERATIONS  
 CONCESSIONARIES  
 PRECEDENT CONDITION +  
 SUBSEQUENT CONDITION +  
 CONFESSIONARIES  
 MISCONFIGURATION +  
 HEMISPHERICO-CONICAL  
 CONVERSATIONISM +  
 CONVERSATIONIST +  
 MISCONSTITUTIONAL  
 RECONSTITUTIONS  
 MISCONSTRUCTION +  
**DELTA CONNECTION** +  
**TENDENCIOUSNESS**  
**RECONSTRUCTIONAL**  
 ? **OVERCENTRALISES**  
 LEVANT AND COUCHANT  
 COUNTERMARCHING  
**RECONSTRUCTIONED**  
**INTEROPERCULARS**  
**RETROSUSCEPTION**  
 OVERINSTRUCTING  
 MERCILESSNESSES  
 HISTORICOCRITICAL  
 OBLONG-CYLINDRIC  
 d ENTEROCYSTOCELE +  
 URETHROCYSTITIDES  
 URETHROCYSTITIS  
 PTERODACTYLIDAE  
**ORNITHOSCELIDAN**  
**IDIOMATICALNESS**  
 d LANDOUZY-DEJERINE DYSTROPHY +  
 o DESTALINISATION  
 a DE-STALINIZATION  
 DESOXYCHOLIC ACID  
 d DESOXYCORTICOSTERONE  
 d DESOXYRIBONUCLEASE  
 9 DESOXYRIBONUCLEIC ACID  
 o DESOXYRIBONUCLEOPROTEIN  
**PREDETESTATIONS**  
 NEURODERMATOSES  
 NEURODERMATOSIS  
 SINISTRODEXTRAL  
 LETTER DIMISSORY  
 LETTERS DIMISSORY  
 POLYGAMODIOECIOUS  
 SCHOOL DISTRICTS  
 DOGTOOTH VIOLETS  
 DRAUGHTSMANSHIP  
 PANCREATODUODENECTOMY +  
 d FAVRE-DURAND-NICOLAS DISEASE +  
 ELECTRODYNAMICAL

ECCLESIASTICISM	MISECCLESIASTIC
ELECTROMAGNETIC	MAGNETOELECTRIC
ELECTROMAGNETICAL	MAGNETOELECTRICAL
ELECTROTHERMOMETER +	THERMOELECTROMETER +
ENCEPHALOMENINGITIDES	MENINGOENCEPHALITIDES
ENCEPHALOMENINGITIS	MENINGOENCEPHALITIS
ENCEPHALOMENINGOCELE +	MENINGOENCEPHALOCELE +
ENCEPHALOMYELITIDES	MYELOENCEPHALITIDES
ENCEPHALOMYELITIS	MYELOENCEPHALITIS
ENCYCLOPAEDICAL	ENCYCLOPEDIACAL
ENCYCLOPAEDISTS	ENCYCLOPEDIASTS
ENOL-KETO ISOMERISM +	KETO-ENOL ISOMERISM +
ENTEROGASTRITIDES	GASTROENTERITIDES
ENTEROGASTRITIS	GASTROENTERITIS
EPIDIDYMOVASOSTOMY +	VASOEPIDIDYMOSTOMY +
ERYTHROPHYLLINS	PHYLLOERYTHRINS
ESOPHAGOGASTROSTOMY +	GASTROESOPHAGOSTOMY +
ETHICOPOLITICAL	POLITICO-ETHICAL
ETHMOSPHEOIDAL	SPHENOETHMOIDAL
EUCHROMOCENTERS	o EUCHROMOCENTRES
EXCEPTABLENESSES	EXPECTABLENESSES
EXTIRPATIONISTS	SEXTIPARTITIONS
FERRIHYDROCYANIC	HYDROFERRICYANIC
FERROHYDROCYANIC	HYDROFERROCYANIC
FIBROMYXOSARCOMA	MYXOFIBROSARCOMA
FIBROMYXOSARCOMATA	MYXOFIBROSARCOMATA
FLUOROPHOTOMETER +	PHOTOF LUOROMETER +
<b>FRAUDLESSNESSES</b>	<b>SELF-ASSUREDNESS</b>
FREIGHT STEAMERS	STEAMERFREIGHTS
d FRIDERICHSEN-WATERHOUSE SYNDROME +	WATERHOUSE-FRIDERICHSEN SYNDROME +
FRONTOOCCIPITAL	OCCIPITOFRONTAL
FURNACE HEATINGS	HEATING FURNACES
GALACTOPHORITES	GALACTOTROPHIES
GALVANOTHERMOMETER +	THERMOGALVANOMETER +
GENERAL COURT-MARSHALS	GENERAL COURTS-MARSHAL
GERMANIFICATION +	REMAGNIFICATION +
GLOSSOLABIOLARYNGEAL	LABIOGLOSSOLARYNGEAL
GLOSSOLABIOPHARYNGEAL	LABIOGLOSSOPHARYNGEAL
GLYCEROPHOSPHATE +	PHOSPHOGLYCERATE +
GOVERNOR-GENERALS	GOVERNORS-GENERAL
GOVERNOR-GENERALS-IN-COUNCIL	GOVERNORS-GENERAL-IN-COUNCIL
GRAM-CENTIMETERS	GRAM-CENTIMETRES
GRAMOPHONICALLY	MONOGRAPHICALLY
GRAMOPHONICALLY	NOMOGRAPHICALLY
GRAMOPHONICALLY	PHONOGRAMICALLY
GRANDFATHER CHAIRS	GRANDFATHER'S CHAIR
GRANDFATHER CLOCKS	GRANDFATHER'S CLOCK
GREAT LAKES TROUT	GREAT LAKE TROUTS
GREEN HELLEBORES	HELLEBORE GREENS
GREEN MALACHITES	MALACHITE GREENS
HAMMER AND SICKLE +	SICKLE AND HAMMER +
HELIOPHOTOGRAPHY +	PHOTOHELIOGRAPHY +
<b>HEMATOCRISTALLIN</b>	<b>THERMONASTICALLY</b>
HEMICATALEPSIES	MESATICEPHALIES
HEMOPNEUMOTHORACES	PNEUMOHMOTHORACES
HEMOPNEUMOTHORAX	PNEUMOHEMOTHORAX
HEMOPNEUMOTHORAXES	PNEUMOHEMOTHORAXES
HEPATOSPLENOMEGALY +	d SPLENOHEPATOMEGALY +
HETEROMORPHOSIS	THERIOMORPHOSES
HEXAKISOCTAHEDRA	OCTAKISHEXAHEDRA
HEXAKISOCTAHEDRON	OCTAKISHEXAHEDRON

- HEXAKISOCTAHEDRONS  
 HEXAKISTETRAHEDRA  
 HEXAKISTETRAHEDRON  
 HEXAKISTETRAHEDRONS  
 HEXATETRAHEDRON  
 HEXATETRAHEDRONS  
 HOSPITAL STATION +  
 HYDROPNEUMOPERICARDIA  
 HYDROPNEUMOPERICARDIUM  
 HYDROPNEUMOTHORACES  
 HYDROPNEUMOTHORAX  
 HYDROPNEUMOTHORACES  
 HYDROXYDEOXYCORTICOSTERONES  
 HYDESOXYCHOLIC ACIDS  
 HYSTERESIMETERS  
 HYSTEROLAPAROTOMY +  
 HYSTEROMYOMECTOMY +  
 IMPERSCRIPTIBLE  
 IMPRESSIBILITIES  
 IMPRESSIBLENESS +  
 IMPRESSIVENESSES  
 IMPROVISATORIES  
**INARTICULATENESSES**  
 INCAPABLENESSES  
 INCONSIDERATION  
 INCONTROVERTIBILITY +  
 INCONTROVERTIBLE  
 INDISCREETNESSES  
 INFEROPOSTERIOR  
 INTERLAMINATIONS  
 INTERPELLATIONS  
 INTERSPIRATIONS  
 INTESTINOVESICAL  
 INTRACISTERNALLY  
**INVOLUNTARINESS**  
**INVOLUNTARINESS**  
 JACK-IN-THE-GREENS  
 JACK-IN-THE-PULPITS  
 JERBOA KANGAROOS  
 JOHNNIES-COME-LATELY  
 JUDGE ADVOCATE GENERALS  
 d KERATOSCLERITIS +  
 a KLINEFELTER'S SYNDROME  
 KNIGHTS OF THE HOLY SEPULCHER  
 LACKLUSTERNESSES  
 d LANTERMANN-SCHMIDT INCISURES  
 LAPAROSPLENOTOMY +  
 LARYNGOPHARYNGEAL  
 LARYNGOPHARYNGITIDES  
 LARYNGOPHARYNGITIS  
 d LARYNGORHINOLOGY +  
 LARYNGOTRACHEOTOMY +  
 LAW OF DIMINISHING RETURNS  
 LEAD TETRAETHYLS  
 LINE OF COMMUNICATIONS  
 LITHONEPHROTOMY +  
 LITHOPHOTOGRAPHY +  
 LITICONTESTATIONS  
 MACROPHOTOGRAPH +  
 MACROPHOTOGRAPHY +  
**MAGISTERIALNESS**
- OCTAKISHEXAHEDRONS  
 TETRAKISHEXAHEDRA  
 TETRAKISHEXAHEDRON  
 TETRAKISHEXAHEDRONS  
 TETRAHEXAHEDRON  
 TETRAHEXAHEDRONS  
 STATION HOSPITAL +  
 PNEUMOHYDROPERICARDIA  
 PNEUMOHYDROPERICARDIUM  
 PNEUMOHYDROTHORACES  
 PNEUMOHYDROTHORAX  
 PNEUMOHYDROTHORACES  
 PNEUMOHYDROTHORAXES  
 HYDROXYDESOXYCORTICOSTERONE  
 HYODESOXYCHOLIC ACID  
 HYSTERESIS METER  
 LAPAROHYSTEROTOMY +  
 MYOMOHYSTERECTOMY +  
 IMPRESCRIPTIBLE  
 PERMISSIBILITIES  
 PERMISSIBLENESS +  
 PERMISSIVENESSES  
 o IMPROVISATORISE  
**NATURAL NECESSITIES**  
 INESCAPABLENESS  
 NONDICTIONARIES  
 INTROCONVERTIBILITY +  
 INTROCONVERTIBLE  
 h INDISCREETNESSES  
 POSTEROINFERIOR  
 INTERNATIONALISM  
 INTERPOLLINATES  
 REPRISTINATIONS  
 VESICOINTESTINAL  
 INTRACRYSTALLINE  
**NON-UNIVERSALIST**  
**UNISON INTERVALS**  
 JACKS-IN-THE-GREEN  
 JACKS-IN-THE-PULPIT  
 KANGAROO JERBOAS  
 JOHNNY-COME-LATELIES  
 JUDGE ADVOCATES GENERAL  
 SCLEROKERATITIS +  
 a KLINEFELTER SYNDROMES  
 o KNIGHTS OF THE HOLY SEPULCHRE  
 LACKLUSTRENESES  
 d SCHMIDT-LANTERMANN INCISURES  
 SPLENOLAPAROTOMY +  
 PHARYNGOLARYNGEAL  
 PHARYNGOLARYNGITIDES  
 PHARYNGOLARYNGITIS  
 RHINOLARYNGOLOGY +  
 TRACHEOLARYNGOTOMY +  
 LAWS OF DIMINISHING RETURN  
 TETRAETHYL LEADS  
 LINES OF COMMUNICATION  
 NEPHROLITHOTOMY +  
 PHOTOLITHOGRAPHY +  
 LITISCONTESTATION  
 PHOTOMACROGRAPH +  
 PHOTOMACROGRAPHY +  
**STEAMER SAILINGS**



- MAGNETOTELEPHONE +  
a MARFAN'S SYNDROME  
MASTER OF REQUESTS  
MATHEMATICO-PHYSICAL  
MEADOW REED GRASS +  
MENINGOMYELITIDES  
MENINGOMYELITIS  
MENINGOMYELOCELE +  
METALLIC LUSTERS  
METER-KILOGRAM-SECOND +  
m METER-KILOGRAM-SECOND SYSTEM +  
m METER-KILOGRAM-SECOND-AMPERE SYSTEM +  
METER-MILLIMETER +  
MICROMILLIMETER +  
MICROPHOTOGRAPH +  
MICROPHOTOGRAPHER +  
MICROPHOTOGRAPHIC  
MICROPHOTOGRAPHY +  
MICROPHOTOSCOPE +  
MICRORADIOMETER +  
MICROSPECTROSCOPE +  
MINISTER-PRESIDENTS  
? MISCHARACTERISE  
MISREPRESENTATION +  
MISREPRESENTERS  
MISUNDERSTANDER +  
MOLYBDOPHOSPHATE +  
MONOGRAPHICALLY  
MONOGRAPHICALLY  
MONOPERSULFURIC ACID  
MONOPERSULPHURIC ACID  
MYELONEURITIDES  
d MYOTENONTOPLASTY +  
NEPHROPYELITISES  
NEPHROURETERECTOMY +  
NEUROPSYCHOLOGICAL  
NITROSULPHUREOUS  
? NOMINALISATIONS  
NOMOGRAPHICALLY  
NONDESECRATIONS  
NONDISCRETIONARY  
? NONREALISATIONS  
NON-UNIVERSALIST  
OCCIPITOPARIETAL  
OCCIPITOTEMPORAL  
OOPHOROSALPINGECTOMY +  
ORPIMENT YELLOWS  
OUTSIDE CALIPERS  
OVERSAUCINESSES  
PAPILLORETINITIDES  
PAPILLORETINITIS  
PAPULOVESICULAR  
PARANEPHRITIDES  
PARANEPHRITISES  
PARIETOSQUAMOSAL  
PARIETOTEMPORAL  
PARIETOVISCERAL  
PATHOPHYSIOLOGIC  
PATHOPHYSIOLOGY +  
PATHOPSYCHOLOGY +  
PECTINATOPIINATE  
TELEPHONE MAGNETO +  
a MARFAN SYNDROMES  
MASTERS OF REQUEST  
PHYSICOMATHEMATICAL  
REED MEADOW GRASS +  
MYELOMENINGITIDES  
MYELOMENINGITIS  
MYELOMENINGOCELE +  
METALLIC LUSTRES  
o METRE-KILOGRAM-SECOND +  
h METRE-KILOGRAM-SECOND SYSTEM +  
h METRE-KILOGRAM-SECOND-AMPERE SYSTEM +  
METRE-MILLIMETRE +  
MICROMILLIMETRE +  
PHOTOMICROGRAPH +  
PHOTOMICROGRAPHER +  
PHOTOMICROGRAPHIC  
PHOTOMICROGRAPHY +  
PHOTOMICROSCOPE +  
RADIOMICROMETER +  
SPECTROMICROSCOPE +  
MINISTERS-PRESIDENT  
**SACCHARIMETRIES**  
REPRESENTATIONISM +  
REMISREPRESENTS  
REMISUNDERSTAND +  
PHOSPHOMOLYBDATE +  
NOMOGRAPHICALLY  
PHONOGRAMICALLY  
PERMONOSULFURIC ACID  
PERMONOSULPHURIC ACID  
NEUROMYELITIDES  
TENONTOMYOPLASTY +  
PYELONEPHRITISES  
URETERONEPHRECTOMY +  
PSYCHONEUROLOGICAL  
SULPHUREONITROUS  
NONASSIMILATION  
PHONOGRAMICALLY  
RECONDENSATIONS  
**YARN CONDITIONERS**  
c **SIARESINOTANNOL**  
**UNISON INTERVALS**  
PARIETO-OCCIPITAL  
TEMPOROCCIPITAL  
SALPINGO-OOPHORECTOMY +  
YELLOW ORPIMENTS  
**PSEUDOREALISTIC**  
VERACIOUSNESSES  
RETINOPAPILLITIDES  
RETINOPAPILLITIS  
VESICULOPAPULAR  
PARAPHRITIDES  
PARAPHRITISES  
SQUAMOSOPARIETAL  
TEMPOROPARIETAL  
VISCEROPARIETAL  
PHYSIOPATHOLOGIC  
PHYSIOPATHOLOGY +  
PSYCHOPATHOLOGY +  
PINNATOPECTINATE

- PECTINESTERASES  
 PERCHLORINATION +  
 PERICARDIOPHRENIC  
 PERICARDIOPLEURAL  
 PETROGRAPHICALLY  
 PHARMACOPSYCHOLOGY +  
 PHARYNGORHINITIDES  
 PHARYNGORHINITIS  
 PHOSPHOTUNGSTATE +  
 ○ PHOTOELECTROMAGNETIC  
 PHOTORADIOGRAPH +  
 PHOTORADIOGRAPHY +  
**PHOTORESISTANCE**  
 PHOTOSTEREOGRAPH +  
 PHOTOTELEGRAPHED  
 PHOTOTELEGRAPHIC  
 PHOTOTELEGRAPHING  
 PHOTOTELEGRAPHS  
 PHOTOTELEGRAPHY +  
 PHOTOTYPOGRAPHICAL  
 PHOTOTYPOGRAPHY +  
 a PHYSICIAN ASSISTANTS  
 PHYSIOPSYCHOLOGICAL  
 PHYSIOPSYCHOLOGY +  
 PINK LADY-SLIPPERS  
 PLENIPOTENTIARIES  
 PNEUMATOPHONIES  
 d PNEUMOPYOPERICARDIA  
 d PNEUMOPYOPERICARDIUM  
 PNEUMOPYOTHORACES  
 PNEUMOPYOTHORAX  
 PNEUMOPYOTHORAXES  
 POLITICO-THEOLOGICAL  
 ○ POLYDEOXYRIBONUCLEOTIDES  
 POSTEROSUPERIOR  
 POSTMASTER-GENERALS  
 POSTMASTER'S STAMP  
 POTASSIUM SODIUM TARTRATE +  
 ? **PRECIVILISATION**  
 PRECONSOLATIONS  
**PRE-RAPHAELITISM**  
 ? PREREALISATIONS  
 PREREALIZATIONS  
 PRESENTIVENESSES  
**PRETRANSMISSION** +  
 PRINCE ALBERT FIRS  
 PRINCE ALBERT'S YEW  
 PRINCE RUPERT DROPS  
 PRINTING SURFACE +  
**PRO-ARISTOTELIAN**  
 PROCURATOR-GENERALS  
**PRONATIONALISTS**  
 PSEUDOEROTICISM  
 PSYCHOTECHNOLOGY +  
 PURKINJE FIGURES  
 PURPUROXANTHINS  
 PYELOURETEROGRAM +  
 RADIOTELEGRAPHY +  
 RADIOTELEPHONES  
 RAGTAG AND BOBTAIL  
 RATTLESNAKE MASTERS  
 PRENECESSITATES  
 PRECHLORINATION +  
 PHRENICOPERICARDIAC  
 PLEUROPERICARDIAL  
 PTERYLOGRAPHICAL  
 PSYCHOPHARMACOLOGY +  
 RHINOPHARYNGITIDES  
 RHINOPHARYNGITIS  
 TUNGSTOPHOSPHATE +  
 ○ PHOTOMAGNETOELECTRIC  
 RADIOPHOTOGRAPH +  
 RADIOPHOTOGRAPHY +  
**STENOCROTAPHIES**  
 STEREOPHOTOGRAPH +  
 TELEPHOTOGRAPHED  
 TELEPHOTOGRAPHIC  
 TELEPHOTOGRAPHING  
 TELEPHOTOGRAPHS  
 TELEPHOTOGRAPHY +  
 PHYTOTOPOGRAPHICAL  
 PHYTOTOPOGRAPHY +  
 a PHYSICIAN'S ASSISTANT  
 PSYCHOPHYSIOLOGICAL  
 PSYCHOPHYSIOLOGY +  
 PINK LADY'S-SLIPPER  
 ○ PLENIPOTENTIARISE  
 PNEUMONOPATHIES  
 PYOPNEUMOPERICARDIA  
 PYOPNEUMOPERICARDIUM  
 PYOPNEUMOTHORACES  
 PYOPNEUMOTHORAX  
 PYOPNEUMOTHORAXES  
 THEOLOGICOPOLITICAL  
 ○ POLYDESOXYRIBONUCLEOTIDE  
 SUPEROPOSTERIOR  
 POSTMASTERS-GENERAL  
 POSTMASTER STAMPS  
 SODIUM POTASSIUM TARTRATE +  
**PROVINCIALITIES**  
 a SPIRONOLACTONES  
 a **PRIMAL THERAPIES**  
 ○ PROLETARIANISES  
 PROLETARIANIZES  
 PRETENSIVENESSES  
**TRANSIMPRESSION** +  
 PRINCE ALBERT'S FIR  
 PRINCE ALBERT YEWS  
 PRINCE RUPERT'S DROP  
 SURFACE PRINTING +  
 ○ **PROLETARIANISATION**  
 PROCURATORS-GENERAL  
**TRANSPOSITIONAL**  
 PSEUDO-ISOMETRIC  
 TECHNOPSYCHOLOGY +  
 PURKINJE'S FIGURE  
 XANTHOPURPURINS  
 URETEROPYELOGRAM +  
 TELERADIOGRAPHY +  
 TELERADIOPHONES  
 TAGRAG AND BOBTAIL  
 RATTLESNAKE'S MASTER

- RECITATIONALISM**  
**RECLASSIFICATION +**  
 h **REGIONALISATIONS**  
 ? RELATIVISATIONS  
 RELATIVIZATIONS  
 REPERTORY THEATER +  
 RESPIRATORY CENTER +  
 REVERIFICATIONS  
 o RUMMELGUMPTIONS  
 SACCULOUTRICULAR  
 SALPINGO-URETEROSTOMY +  
 SALTPETER PAPERS  
 SCARLET VERMILION  
 SCENTED VERBENAS  
 SCHOOL VACATIONS  
 SCISSOR-GRINDERS  
 SCISSOR SHARPENERS  
 SECOND MORTGAGES  
 SELF-MUTILATIONS  
 SELF-PENETRATIONS  
 SELF-UNCONSCIOUS  
 SHOPPING CENTERS  
**SHORTEST-GRAINED**  
 SILICOTITANATES  
 SILICOTUNGSTATE +  
 a SJOGREN'S SYNDROME  
**SKIN RESISTANCES**  
 SOMATOSPLANCHNIC  
 SPECIAL COURT-MARSHALS  
 SPECTER-MONGERING  
 SPECTROTELESCOPE +  
 STATELESSNESSES  
 STEREOTELESCOPE +  
 STERNOVERTEBRAL  
 STOCKYARD PNEUMONIAS  
 STRAWHAT THEATER +  
 STREPTOTHRIKOSES  
 STREPTOTHRIKOSIS  
 SULFAMETHAZINES  
 SUMMARY COURT-MARSHALS  
 SUPERIMPERSONALS  
 SURVEYOR GENERALS  
 TELANGIECTASIS  
 THEATER-IN-THE-ROUND  
 a THEATER OF THE ABSURD  
 THEATERS-IN-THE-ROUND  
 a THEATERS OF THE ABSURD  
 THYROIDECTOMIES  
 TRANSAMINATIONS  
 ULTRAMARINE YELLOW +  
 UNAMENABILITIES  
 UNAMENABLENESSES  
 UNCAPABLENESSES  
 UNCREATABLNESS +  
 UNDESIRABLENESS  
 UNSEIZABLENESSES  
 WHITE BLOOD CELLS  
 WHITED SEPULCHER +  
 WHITE LADY-SLIPPERS  
 WHITFIELD OINTMENTS  
 YELLOW LADY-SLIPPERS
- ROMANTICALITIES**  
 o **SACRIFICIAL STONE +**  
**SIGNAL NOISE RATIO**  
 o REVITALISATIONS  
 REVITALIZATIONS  
 o REPERTORY THEATRE +  
 o RESPIRATORY CENTRE +  
 REVERSIFICATION  
 o RUMMELGUMPTIONS  
 UTRICULOSACCULAR  
 URETEROSALPINGOSTOMY +  
 o SALTPETRE PAPERS  
 VERMILION-SCARLET  
 SENTENCE ADVERBS  
 VACATION SCHOOLS  
 SCISSORS-GRINDER  
 SCISSORS SHARPENER  
 SEED-CORN MAGGOTS  
 a SELF-STIMULATION  
 SELF-PRESENTATION  
 UNSELF-CONSCIOUS  
 o SHOPPING CENTRES  
**STRAIGHTER-NOSED**  
 TITANOSILICATES  
 TUNGSTOSILICATE +  
 a SJOGREN SYNDROMES  
**TRAIN SICKNESSES**  
 SPLANCHNOSOMATIC  
 SPECIAL COURTS-MARSHAL  
 o SPECTRE-MONGERING  
 TELESPECTROSCOPE +  
 TASTELESSNESSES  
 TELESTEREOSCOPE +  
 VERTEBROSTERNAL  
 STOCKYARDS PNEUMONIA  
 o STRAWHAT THEATRE +  
 STREPTOTRICHOSSES  
 STREPTOTRICHOSIS  
 SULFAMEZATHINES  
 SUMMARY COURTS-MARSHAL  
 SUPERPERSONALISM  
 SURVEYORS GENERAL  
 TELANGIECTASIES  
 o THEATRE-IN-THE-ROUND  
 o THEATRE OF THE ABSURD  
 o THEATRES-IN-THE-ROUND  
 o THEATRES OF THE ABSURD  
 o THYROIDECTOMISE  
 TRANSANIMATIONS  
 YELLOW ULTRAMARINE +  
 UNNAMEABILITIES  
 UNNAMEABLENESSES  
 UNESCAPABLENESS  
 UNTRACEABLENESS +  
 UNRIDABLENESSES  
 UNSIZEABLENESSES  
 WHITE-CELL BLOODS  
 o WHITED SEPULCHRE +  
 WHITE LADY'S SLIPPER  
 WHITFIELD'S OINTMENT  
 YELLOW LADY'S SLIPPER