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THE

BOOK OF KNOWLEDGE;

021

AN EXPLANATION OF WORDS AND THINGS

WITH ALL THE ARTS AND SCIENCES.

ILDUSTRATED WITH SUMEROUS PROPERTINGS.

By GEORGE CRABB, A.M.

SPRING OF "ESCRICIAL EVACATION," "THURSDOOM DICTIONARY," AND



Mercury guided by Misserve bearing Science most the World.

NAW BOTTION, WISH THE LATEST IMPROVINCED.

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ABBUCTION. The untawful carrying aware a person-ABERHATION A small apparent nution in the fared stars, discovered by Mr Molyseux and Dr. Bradiey in the year FFS plans a deviation of the rays of light, when indected by a few or appendium, by

10

AUAFT. The hinder part of a ship ABAUL A sover sain in Persis, and there six sols, French namey.



ACTION (in Physica). The pressure or percession of one body against souther By a law of nature, setten and reaction are equal 1000 is, the resistance of the budy moved as always squar to the force

nonuncritested to it.

ACTION (in Blutterio). The torrest and motion or the body, and the motion of the body. tion of the speaker's votes to delivering

offectively Merchants' Accounts, also the oaks in which these accounts are kept.

ACCOUNTANT. One shiped to reset an account to another.
ACCOUNTANT UENERAL.

efficier to the Court of Chancery, England, the matter all momeys todged to court. ACCUMATIVE. The fourth same to

ACETATES A kind of softs formed | an ulife

An



SIGLIFILE. A horiow metal ball with a standar pipe, used to slow the converti-bility of water toto steam ÆRA, or FRA. Any date, period, or we sat from which a calculation of years is made to commender. The principal eras ere the vulgar, or Christian era, dated from the birth of our Savieur; the arm of continu, dated by Usher and most Chromologists 400A years before the valeur TO years before the velgar are; the are of the bottling of Dome, according to Var-to, is 750 years before Christ, the are of the in the present section of the interest of

EGLIAN HARP, A number of strings

so disposed as to produce a set of musical terms by the action of the wind upon them.

nous bedies to move with great velocity descending in an oddique direction, and Dequestly with a loud hasing noise, re-scudding that of a morsar shell when projected from a piece or ordinance. About the year 1607, a luminous body of this kind passed over Connectical, and explo-MOLIC DIALECT. One of the five ded with a hand moint like thunder, and large masses of stones fell in Weston in that state, specimens of which are in the Calenet of Yale College. Though differ ent from every other known terrestrial sub-stance, yet these stones perfectly resemble ark other, having the same appearance of numbertallic matter, central on the not-

> I. their specific gravity is also nearly the many, being about I and a institut of com-AERONAUT, One who make or flower ARROSTATION. The unders art of

in France, in 1803, was found to contain

of sillon 34 parts, axyde of from 30, mag-ness 9, oxyde of nickel it, sutplus 2, lines

being in their chymical comsimilar. The stone which fell at L'Alde



includance on a stream, mentioned in facility of the first form of

AGE. A term to have for those special issues which entire me and warms (and ones which they result and do before; thus, in England, a mean may fack the only of allegimens in tweety season and the best of the allegimens in tweety season to choose his partillan and construct a marriage, and is at full age at twenty-me. A recomm is the age of also is downship, at tweety-may combine her consent to marriage, at fourtillands and the season in the contraction of the con

AGENT (in Law). A person empowered to not for another.

AGENT (in Physica). Any thing bevin

the power to act on another object, as cold or hout.

ACHEREGATE. An order of plants in

AGMINIGATE. An order of plants in the Linnean system, having compound flowers with separate authors.

AGGRES ATTON (in Chymistry). The adminion of pures of the same kind, as piness of sulphus united by fusion form un approprie.

AGIV. A term used chiefly in Helland and Venices, to denote the difference between the lank memory and the surrest money, or costs) as when a merchant elipsates as remise for his goods (to livrus book control or denote the land of the

the agin is said to be 5 per cent.

AGRICULTURE. The act of litting the band according to certain raise of experi-

and secretary to the secretary of the se

the different nations that were scuttered alocal after the confusing of funtues. Agriculture was annul tim arrest inch and his posterry retained; for we find that he cultivated the vine. Those of the fine of Shem appear to have followed size breading and feeding of chille; but them of the time of Ham, who tank possession of Egyps, applied the motors to the tilling of the ground, and with so much ingenuity, inandations of the Nils, and the consequent fertility of the well, Egypt was smalled in the time of Abraham, and still mere so in the time of Joseph, in suggly its neighbours with care during a period of famine. Nor were the inhabitants back word to contain the liberality of names: they haded them serves in embanking, irrigation, and draining, in order to derive all the benefits which the tenigment river was capable of afford-ing them. These works are mid to have been carried on with particular spirit under the suspices of Seastrie, 1801 years before the Christian era. So sensible were the Egyptions of the blessings which ugric ture afforded, that, in the blindness of their and, they are thed the invention of the art to their god Osiris, and the culture of bar

by and wheat to their goldens leis. The Pelasgi, or aboriginal intiahita uese, were among the number of those who lost all the primeral arts, and fed upon account and wild fraits, until they were lost by the Egyptians, with whose they had an early communication, to the cultivation of the ground. Like them, too, they peaced their benefactors Cores, to whom they ascribed the introduction of voca, among the number of their detties; a golden whom authors agree was an other than the Egyp-tian fels. In the time of Homer, agriculture was in such esteem that King Lacries taid aside his royal dignity, that he might cultivate a few fields. Hesiod, the contemporary of this author, has devoted a whole poem to the labours of the field in the different seasons of the year. Of other writtugs, among the Greeks, on agriculture IIIthe remains except a treatise by Xanaphon on rural affairs, and scattered notices on the conject to the works of Aristotle and Thoughtaston; but we team from Varre, that there were in his time not been three fifty tireoft nothers to he mu agricultural mat'er.

Fine Jews, as designing informs us, asplied thermostyon, when they come into the land of Canasa, to the contradium of the real, having each their territory allowed to

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you can't feet high.

Affil. A subtle, luvisible, classic fluid, servanding the globe of the sarth: it was fewerity supposed to be an element, or a single principle, but it is new known to be a compound of two gates, manufy, nay-

AIR (in Music). Any melody that o

All (it shows). Any metody that comes within the reach of vocal sayiersion.

* AIR-BALLOON. Visit Balloon.

AIR-BALLOON. A pur constructed as as in proper builties solicly by means of condensed sir; which is effected without causing

pay explosion.



AIB-JACKET. A jacket made of leath-er, in which are several large or binders of the same undered, communicating with such other, and fitted to receive sir by manns of a braw title. This jacket is used



AIR-SHAFTE (in Mining). Holes we charby let down from the open air to distripe the fool vispours.

AIR-YESSELLS. Spired ducta or ensuits to the levies and other parts of plants, which are supposed to empty them with air, offer the manner of tonog in satisfacts.

ALABATTER. A sort kind of market which, is of a remeater leaving, and of white colour; and fund to create developed the colours. The found in techniques.





course; thus the people Jews under the allegary o cultivated, and watered by ALLEGRO. An Italia

ALL

unic, to denute that the ed to a brisk and sprights teaching how to compose dients for any design peop-medial or alternate. All the method of finding the the composition from Inqualities of the several le find the value of brandy ; is composed of 10 gallow ion, 19 at 30c, per gallen alternate is the method of titles of ingredients non compound of a given rate gold of various degrees of of 19, 21, and 33 carets i mixed together so that he 30 carate fine. Guest are better solved by aigst

ALLIGATOR, Anon abounding in both North ica in the torvid sone, grave to the length of le grave to the length of le Alligator is found in the the Mississippi, but it in in the large rivers of it is eatled Cayman It resembles the Crocod Asia, but it never graws beside, different in form

ALKALI or ALCALI, A periodly pure sult, which combines with achie meast to neutralize or import their activity, and produces with. Besides, alkalies change the purple colour of many regutables to a

ALLITERATION. & ing spon the mos better I ALLODIAL. An spith

green, the rude to a purple, and the yellows

to a brown. Some alkalies are called fixed, because they remain fixed in the fire, as

periods and soin; others are velotile, as

ALLEGIANCE (to Lee) To to the control of allegiance is that which will allegiance is that which

miles on son office.

orthograny acknowledg opposition especies, in opposition Situated lands are neces

ALLOY, or ALLAY. use ; the outh of albegiance is that which any issuer mental mixed my persons is required to take before her. Since, there the good conyer and copper, as all







ANA



ANAPART. A metrical foot, having the two first short and the last long (* "), as SUNDA ANABORY. Asselety without a govern

ment, or where there is no apprene gov-

ANATHEMA. In the general sense, a mirror surse; in the particular scuse, exchangement excommunication.

ANATOMY. The set of dissecting ho-dess for the purpose of examining their tirestors, and the nature, sees, and functions of their asveral ports; also the know-ladge of the business body derived from each discretions and examinations; when ap-Assump. To the science of automy, the bote is givined into the bond, trank, and bode is divided into the braid, trinsk, and possed qualified for the medical art, who assumes the computed of relibée and his and interesting the computed of relibée and his and not enteded at Alexandric. Herepublished. The volleties are the insection, limited, and the first discrete time to the property of the provision of the

the lance, astrology, the doctrine of the bones in the adult subject; cliendralogy, hence in the whole adopted, encourancy, the dectrine of the cartillage; syndemonicage, the dectrine of the illuminate; myology, the distrine of the measters introducy, the dectrine of the learner metrics; the dectrine of the learner metrics; the dectrine of the vessels agreeingly, the dectrine of the vessels adenology, the dectrine of the vessels adenology, the dectrine of the nerve, As-Assesser change underthough the dectrine of the current As-Anatomy, taken absolutely, applies only to the dissection of human subjects; the dis-section and exactination of brutes is called

ANA

Comparative Anatomy.

ANATOMY, flistent or. The sch of analogy was doubtless coryal with that of medicine, for the connexion between the two studies would naturally suggest to the inquirer into the discusses of the binous body the necessity of becaming acquainted with its component parts. In Egypt, the practice of embalasing rendering it necessary to open the body, led them first to make observations on the structure of the make observations in the structure of time imman finence, which was afterwards an-corraged by their kings, who ordered dead budles to be regularly dissorted for the perfection of the art; but, judging from some spectments which have been preserved of linder annionited observations, the art. once did not make any assemble rable progress among them. There is, however, no doubt, but they had the foundation, and the Grocks, who derived their excitest information from them, enlarged the houndaries of the unimore by their researches. lived about 400 years before Christ, is the and the first anatomical dissection recorded was made by his friend Democritos, of Abdera. In Australe's works there are many minute particulars on this subject, many missife particulars on this superi, which snow that he had route the united hady his particular stody. From the Greeks this science, after an interval of several contagins, puseed again, into Egypt, where, by the feething care of the Pullemies, it was recrived and make great advances. Erastratus, the pupil and Irland of Theo-obsection and Remodities, but the feething peractics and Bengthins, hid the funda-phractic and Bengthins, hid the funda-tion of the factors school of anothery M Alexandra, which was fir many centuries in such high repote that no one was sup-



AND

ANG

Athinas, Cherelden, Trews, &c., i those of M. Vancansom, calibited at Paris, the ches-the consetts are given in two large failes, player of M. de Eusplin of Frenture, and to Carryer and Athinus, the latter of which the chess-players who issued performed wors are parameterly admired for their correct dees in that game in Landau. The sushy Caryer and Atomos, me interior which are permutally admired for their correct-ment. Haller has published a folio on the hind years, Dr. Monro, junior, on the nerves, Albinus, Roederer, and Hanter on the gravid uterus. Wellrecht and others on the joints and tresh bones, Sommering on the brain, Elnn on the eye, Cotamoro Mickel, junior, and others on the car, Walter on the nerves of the thorax and abdomen, Monro on the horse rancisco, bender the several systems of anatomy from the peac of Albinus, Keil, Cheseiden, Hauter, Masso, Douglas, Pife, Winslow,

ANCESTRY. The line of ances sedifiers from which any person is desneaded.

OR. An instrument for holding ANCHOR.



ANCHORAGE. The ground that is fit for healing the exchor; about to duty taken of ships for the one of the bavon where ast anclust.

ANCHORET. A beenst, or one who entired from the world, and lived in perfirst mattude

ANCHOVY, A small sentish much used it is no like the your that the latter is offers pickled and sold



the sates sheltner front each other.

ANDRIGHES (in Mechanics). A term and a shear an automation in the figure specific properties of the control of the sate of t

attraction of Ocean auto impleme in at present

ANDROWEDA. A small northern cor stellation consisting of sixty-time stars.

ANEMOMETER. An instrument used suring the force and volocity of the

wind ANEMONE. A beautiful flower origin nally brought from the cost, but now much cultivated in our gardens. The word sig-nifics properly wind-dower, because it was sed that it opened only when the wind blow

ANEMOSCOPE. A machine showing from what point of the compass the wind

ANEURISM. A diseased swelling of an artery, altended with a continued mil

ANGEL. Literally, a messenger; particularly, the leavenly mesongers and by God as ministers to execute his cummands ANGEL. A gold sain, in value ten ship. lings, having the figure of an angel stamped upon it, in commensuration of the caying of Pape Gregory, that the English were so beautiful that they would be Angell, not Angli, if they were Christians.

ANGIOSPERMIA. A term in the Line

can system for such plants of the cla Didynamia as have their seeds enclosed in a expende or mud-rentel.

ANGLE. The inclination of two lines meeting one another in a point, which lines are called the legs; when the lines adicularly it is a right ungle, as A, B, C; when they meet so as to make



ANDANTE (in Music). Italian for ex- the angle less than a right angle, it is called set and just time in playing, as as to keep sente, as A, B, D; and when they make the node distinct from each other.



ANT

can small puls, which is also sailed the an- the metal called autimony combined with

ANT RATER, An animal of South America, that has a large steador bangon, which is allows to get covered with nata,

and then quickly draws it in.

ANTED HOLDY, The word in grammar

to which the relative refers the God, whom we misse, the word God is the sque-

ANTEDATE. A date that presedes the reni one; as the antedate of a bill, that which is earlier than the time when it is

ANTEDILUVIANS. Persons living be-ANTELOPE. A beautiful quadr

of which there are many varieties. Antaand to general natives of het climates, particularly in Africa and Asia. Europe has but two species, and America lest one; it is called the Frong-horned Antalops.



ANTENNA. The large or fectors of lumin which project from their braids, and serve thous in the sense of feeling and

seeing.

ANTHIBM: A secret composition used so a not of Christian worship.

ANTHER: A part of the stames of a fewer which is at the top of the filament. It contains the police or factors, which it summer as uponose when right.

ANTHOLOGY. A rediscrition of choice

printing a collection of Greek

ANTHROPOPOAGI, Another name

for commission, or seen enteres,

for constitute, or one cathers, ACTHOOTES, A consistences the solution of such as two areas and the gasternity that consistences the solution of such as two areas areas (ACTHOOTES, A modellite, solid, sheavy), ACTHOOTES, A modellite, solid, sheavy, and the solid of such as two areas is to end to state. It also pure varies is to end to find the subject of the solid of of the so

AOR

sulph

sulphur.

ANTICOMIANS. An ancient seet, whe
maintained that fairly, without good works,
was sufficient for ensistence. This seet has
been revived since the Bettermathon.

Deen revived since the Bettermathon.

Been revived since the Bettermathon.

Bettermathon

Bettermathon

Bettermathon

Bettermathon

ANTICAL/RRY, One who searches after

ANTICAL/RRY, One who searches after

ANTIQUARY. One who searches after

ANTIGUARY. One was senious along the remains of satisfully. The monks who were supplyed to routing new repies of old books were formerly called antiquoris. ANTIGUE (in Geography). Punjie who live on different sides of the equator, and have their standows at noise full directly

appasite ways.

ANTISEPTICS, Sulstances which re. aist purrefaction.
ANTITHESIS. A figure of speech, in

which contraries are put in omirast with each other, as, He gained by hading, and by

AND OECI (in Geography). People who hve under the same meridian, cut or west, but under opposes parallels of latitude; they have their moon or midelight at the

same hour, but their seasons coeursy.

ANVIL. As iron instrument, on which smiths hanges their work. It is usually mounted un a wooden block.



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became rating a truth; as when a cause is | spective plane; in Astronomy, the and

APONTLES. Property messengers or antamentors, a term applied new particu-larly to the twelve disciples concent-doned by our Savinur to preach the garpet to all mathens

APOSTROPHE. A figure of spanch by which the orator turns from his subject to address a person either absent or small,

APOSTROPHE (in Grammar). A m of confession in a word; thus, lov'd for

APOTHEOARY. Property the keep APOTHECARY. Property the knowledge of a smallers shoep in to some generally one who practises the art of pharmacy, or of compounding medicines. In London, apothenaries are one of the city compunion, apothenaries are one of the city compunion, and are exceepingle, by stat. S Gen. I. Tomo overlag apon juries or in parish edites. They are obtained to valve up their medicines assured to the formulas prescribed in the notice discussions. in the cotteng dispansatory, and are liable to have their shops winted by the censors of the college, who are empowered to dis-trop such medicians as they do not think

APOTHEOSIS. Deification, conney of placing among the gods, which was tropped among the unclease. This homes was conferred on several of the

homes empureur at their decrease,
APPANNAGE, or APPENNAGE,
Lands on aport as a portion for the king's
connect children in France.

APPARATUS. A set of instruments of as a surgeon's apparatus, a chymist's appa-

APPARENT (umong Mathe A seem applied to things as they appear to on, in distinction from what they are in mality i as the apparent destaurs, magnitenin, places, figure, &c. of any heavonly body, so destinguished from the real or true

APPARITION (in Astronomy). The becoming visible. The circle of apparition is an invariancy line, within which the state are always visible in any given

APP

APPELLANT, or APPELLOR. One who makes at brings an append; it was

an appeal in a criminal parameter). none or name applicable to a whole up

cies or kind, as, a man, a horse.

APPENDANT (in Law). Any thing inheritable that belongs to a more worthy infortheres, as an advancement, or returness, which may be appendent to a maner; or land to us office; but land campet be appendant to land, both being corporal, and me thing corporal may not be appen to a

APPLE. A well Rnewn fruit, from

which older is made.

APPLICATION. The bringing one thing nearer to another for the purpose of measuring it; thus a longer space is mon-ured by the application of a less, as a yard by a first or an inch.

APPOSITION (in Grammar). The placing two or more substantives together, without any repulative between them, as,

Green the orabor.

APPEAISING. The valuing or setting price on goods. An appearer is one soon to value goods fairly.

APPERHEASION. The first power of se mind, by which it simply contempates are mind, by which it simply contempates.

things, without pronuncing any thing op APPRENTICE. Ayuung person b

by indentures or articles of agreement to a tradesman, or artificer, to learn his trade By the stat. 5 Eliz. no per or mystery. son ran exercise say trade in any part of England, without having served a regular nagranticething in the many served a regular apprentiaeship of at least seven years. No trades, however, are held to be within the statuse but such as were in being at the making of the same in the reign of Eliza-leth. No such inw axists in the United

APPROACHES (in Furtification). The works theseen up by the besingers, in order to get nearer a fortress without being exned to the enemy's cansum.

APPROPRIATION. The amening

APPRAL (in Law). The armoral of sume flows an inferior to a superior court APPRARANCE (in Law). The defined court a repeated before the sum of the court of the c

ARCHDEAGON. An officer in the hereh of England, who acts for the bishop, aving a superintendant power over the

erithin his district One having a present

ARCHIDURE.

ARCHERY. The art of shooting with a now, is merely a favourise diversion assure. nglish, who were also much skilled to it as a military exercise. The practice of arrivery was much encouraged by our it was followed both as a recreation and a service, and Edward III, prohibited all unders pames that interfered with the thee of it on helydays and other intervale of belower. By an act of Edward IV. height, to be made of yew, hand, at ash, &r., and munds of carth were to be made in every township, for the me of the in-limitation. These were two kinds of have in me among the English; namely, the ing low and the crowdow; those was used the long how were called archers, in dislish archare were the most skilful in Horoge, and were employed in the army long after firmens were introduced. The artillery mpany of London is an ancient frater ally of archers and bowmen, besides which there are several enopanies of archers in England, as the woodners of Arden.

ARCHITECT, One who is skilled to whitecture. The architect forms plans and mig as for edifices, conducts the work, and or the artificers employed in it.

ARCHITECTURE. The art of besid the mission which teaches the nesthod of coestructing any edifice for use or ornames. It is divided into civil, military, and wal sychitecture, arounding on the tone are for civil, military, or naval purated Portification, and Naval Architecture Blipbuilding. (See Posttrivation and

ARCHITECTURE, Ibetour or. The

paracy residences, which were only suited to such as lead a wandering life, were not invented before the time of Juliet, the son of Tubal Cain ; since that time the Turans have followed the practice, and the original inhabitance of America did the same. Every nation, in proportion to the degree of elvati-eation which it has altained, has shown a disposition to narroles their topennity in the construction of their residences. Among

ARC

the Egyptians this art was carried in an extraordinary degree of perfection. Their pyramids, labyrielle, and some rules of their palaces and other edifices are still to be seen and admired as stopendous so ments of their industry, perseverance, and skill. Near Anders, in Opper East, ass the ruins of a palone of gray grants, the ceilings of which are supported by columns of such thick meas, that four man can scarce ly span them. The grand hall is it'll feet tong, 60 high, and 58 bread. The roof of the whole edition is a terrace, on which most stend an Arabian village. The Habylonian and Persians visil with the Egyptians, both in the grandeur and spleadour of their buildings, as may be judged from the rains still remaining. A staircase was to be soon some-time age, having 50 steps of white marble still standing, so broad and flat, that 13 burses might conveniently go alongo.

As these wast structures were not fitted for the general convenience of mankind we must back to the Greeks for the art of architecture as it has since been exercised. From the simple construction of wander buts, Virusius supposes the orders of areas When taildings of tecture took their rise. would were supermited by relid and stately edifices of stone, they imitated the parte controls or store, recommission the parts which necessity had introluced into the principle from the principle from the principle from the properties which formed the covering the principle which formed the covering the principle formed the covering the principle which formed the covering the principle from gave birth to architraves, frines, triglypha, menters, with the cerema, metules, mo-ditions, and dentiles. To bring all these several parts to the state of perfection at which they arrayed was the work of long origin of evid architecture, or architecture which they are sed was the week ut hen properly ar called, he commonly derived experience and fructs reasoning, abled by the commonly derived experience and fructs reasoning, abled by the commonly derived experience and fructs reasoning abled to the commonly of the invention of many below. The dynamics of many depth of the commonly derived the common de properly as cures, is commonly sorted to the second of the properly sorted to the second of the properly sorted to the second of the properly sorted to the prop and only that the mosting markes was not mover to the merical Assessment was not fire first plane and Note planes. The resident them

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circular, and supported by very plate and state. The works of Sir Christopher smalled columns, is dwitted assumpted and trade. The works support from right predocessing, better in time the magnitude. Among folk, and at Christ Church, Canterlory, Sometimes, however, the columns were decorated with carvings of foliage or ani-male, and constitues with spirals, leaenge,

or network.
These two styles continued to be the prevailing modes of building in England until the reign of Henry II., when a new mode was introduced, which was care.
Contrib. Whether this was purely a deviait was derived from any foreign source, is not known. It is, however, supposed to be of Saratenic extraction, and to invebeen introduced by the crassders. This supposition is strengtheored by the fact, that supposition is strengthened by the fact, that the unseques and cathers of Per, and also some of the rathedrale in Spain leafs by this Moses, as in this drile; withch ought therefore in he called Arabic, Sanconic, or Moresque. This style is distinguished by its numerous butterses, Dit's spine, and pinnaches, large and ramified windows, with a nonlinear of comment strengthene. with a profusion of ornaments throughout It came into general use in the reign of Henry III.; when the circular gave way to the pointed areb, and the massive column to the slander pillar, of which the present cathedral church of Salisbury, begun at that period, affords the heat specimen. From pillare in churches were of Purbeck markle, very sicular and round, recompassed with murble shaften little detached, having each a capital adorned with fotings, which joining formed one elegant capital furthe whole pillur. The windows were long and nar-row, with pointed arches and painted glass; and the lofty meeples were furnished with spires and pinnacles. In the reign of Hen-ry VIII, a new kind of low pointed arch was troduced, which was described from four sensive, was very round at the haunches, and the angle of the top was very ultime, as may be seen in Cardinal Wolvey's building. In the fifteenth and stricenth exi-tarine the taste for Greek and Roman archi-terine revived, and brought the five orders dusts into use, sithough for severed edifices the dusts and Gothic styles still pointain the flavor and Cockle stylps still maintain flav presenting. The Italians were for a long time reviewood the greatest arctifacts, and flavor method the greatest arctifacts, and a filter flower and a filter form and a filter flower and a filt Christopher Were, who does a sea of a filt Christopher Were, who does a sea of the control flavor and a filter form in the method for the control of the c

these stand foremost the Cathedral of Sc Paul's, Greenwich Hospital, the Monu ment, Chelsen Hospital, the Thus Oxford, Trinity College Library, and the manual Gillege, Cambridge; besides up wards of fifty-laws churches and innumer able other public buildings.
ARCHITECTURE (in Perer

sort of building, the men are of different measures and modules, as diminish in proportion to their distance, is make the building oppour longer

to the view than it really by.

ARCHITRAVE. That part of a culor series of enformer that is above or line immediately upon the capital. It is the lowest member of the friend, and is suppered to represent the principal beam in timber buildings. It is sometimes call the reason piece, as in perticose, cinisters c. ; and the me ARCHIVAULT. The laner contour an arch, or a frame set off with mouldings, ag over the faces of the arch stones

and bearing upon the imposts.

ARCHIVES. The place where the rerds, &c. belonging to the crown and

m are kept.

ARCTIC. An epithet for what lies to the orth, as the Arctic Circle, the Arctic Pole AREA. The site or space of ground on which any building in receind. AREA (in Geometry). The expericial

otents of any figure, as a triangle, qua-

drangle, &r.,
ARENA. That part of an amphitheatre

where the gladistars cantended, so called from the sand with which it was stenwed ARGENT (in Herality). The white come in the costs of arms of harmests

AEGO NAVIS. A constetlation valled after the ship of Justin and his compan-

ARGUMENT. Whatever is offered or offers itself to the mind, so as to create be-Bef in regard to any subject or o

ARGUMENT (in Astronomy). An are, wherely another are is to be sought bear ing a certain proportion to the first art.
ARGUMENTUM AD HOMINEM (In Legicy. A mode of reasoning, in which an argument is drawn from the professed prin-ciples or practice of the adversary.

ARIES. The Earn, a constribution of fixed some, and the first of the twelve signs of the sudiac, marked (%).
ARISTOCHACY. A form of govern

ARI walls had likewho another kind of nota-Granks has likewise member kind of sub-tion by means of registar, more properly initiaties of the number of numbers, and were used in incurring as, at the rest of year, 1, If the resers, 6, 5, 6s of stars 10, 8s;. The firman numbers, which is still used in marring stars, and numbering subjects of the consume of the or others registal testing accurate the order of the registal testing, numbers, 1 mm. this manner: the repetition of the I's increases numbers by sails, as if for two, III for through the throw, Sec., that of X's increases numbers by tune, as XX for the XXX for the ty, &c., and that of C's increases numbers by fundends, on CC for two instances by fundends, on CC for two instances. street me by similarish, as CU for two lines.

threef, DUC for three fundered, Sec., alore it
could be three fundered, Sec., alore it
could be three fundered, Sec., alore it
could, are secured to make the second of the formation of the value of the number, as I before V.

three three three its fundered in the second of the thue, IV, makes it four, I before X, thue, IX, makes it also: on the other band, a less character after a greater increases the value of the number, as I after V, thus, VI, makes it six, and I after X, thus, XI, makes If eleven. In what manuer the Rumane performed their arithmetical operations is not known; but it is most probable that, as they were not a commercial nation, they fairneed the simplest forms of calculation; we must therefore look for further informs ins on this subject to the period when the Arete or Sameons introduced into Europe their mode of notation, which is not only distinguished from the others by the perlimity of the characters, but also by their value and disposition. Although this muta-tion consists of only one digits, with the sigher 0, yet, by giving a heat power to these figures, namely, that of units, tens, hundreds, floorands, he, they convise reside to express mandiers so an indefinite extent. Busides, this mode also presents many advantages by the additional facility with which all arithmetical operations are thus performed. By what nation this improvement was from made in not known. The Growks, we before observed, were instituted advances towards it by giving a found value to centain periods of four numbers each. but it does not appear that they presented any further. The Araba introduced it into Europe about night hundred yours tack, whence it seem strentaind maning the dif-ferent European natures; but although the first our of this male is community sortless to them, yet they asknowledge themselves indebted in the indicate for it; and as this

on of algebra at present. The may be dated from the thirteenth on the colders that we kno His arithmesic was published with the the treatises of Lucas de Burgo and N turies. In France, the subject of arithmas handled about the same time by was nanned about the same time vine and Ramue, in Germany, or Sta Stifelius, and Henischius, and in E by Roccode, Diggs, and Buckley. Gust period the writers on arithme came too numerous to be particularly specified, but the names of Briggs, Emerous castle, are entitled to notice for having systematized, enlarged, and in many par-ticulous simplified the science. ARK. The flusting vessel in which Neah and his family were saved from the flued.

It was 200 feet long, 90 broad, and 50 high ARE OF THE COVENANT, or Me vas' Ann. The chest in which the stone alies of the ten commandments, write

lases of the ten communations, written by the hand of God, were hid up. ARMADILI.A. A quadruped, a native of Brazil and the West Indies, with the search of a pig. the tail of a coard, and the fact of a hedgeling. He is around with a of in he retired like a fortel



ARMILLARY SPHERE (In Astro many). An artificial sphere, compound of a number of circles, of metal, wood, or paper, representing the several circles of the sphere of the world put together in their natural order. The armillary ephers revolves upon an axis within a allvered barrison, which is divided into degrees, and movemble every way upon a brane supporter. In Pembroke Hall, Combridge, there is an armillary sphere constructed by Dr. which is righteen first in diameter, and will contain more than thirty persons setting outland in the judinum for it, and as the state could would be supposed to the state could would be supposed to the supposed t

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ART and assembling to prescribed rates, or or to jude war, and has been adopted by oth make them serve the purposes for which they were designed. Liberal or fine arts are thus which are noble and worthy to on contivated without regard to latre, as paratine, postry, music, &c. Mechanic arts age those wherein the hand and body are more concerned than the mind. Terms of art are such words as are used in regood to any particular art, p

ARTOHORE. A plant very like the thistic, with scaly heads similar to the true of the plue tree. At the bottom of each scale, as also at the bottom of such floret, to the well known flesky edible substance. Tun Jersmiem Artichake is a plant, the root of which resembles a potator, having the inner of the artichoke.

AUTICLE (in Law). The clause or or

ARTICLE (in Grammar). A particle, which in most languages serves to denote the gender and case of nouns; and in langrams which have not different terminations it serves to particularize the object

ARTICULATION (in Anatomy). junction of two bones intended for motion. There are two kinds; the diarthrosis, hich has a manifest motion, and ayear ousis, which is only an obscure motion.
ARTICULATION. The articulate or

distinct otterance of every letter, syllab r vord, as a to make conseif intelligible.

ART/FICERIS. Femons employed in
the performance of mechanical arts.

ARTILERY. A railective manne deording all engines of war, but particularly

namen, mertare, and other large pieces, for the discharge of shot and chelin. It is also amployed to denote the science which sources all things relating to the artillery, as the construction of all engines of war, the arrangement, movement, and management of examon and all sorts of ordnance used either in the field, or the camp, or at

ARTILLERY, PARS OF. A place set amer to a camp for the artillery and large

AUTIGIERY, TRAINER, Asstor: her of pieces or ordinance to

ARTILLERY, Perine, Asset of and bry, a called from the celerity with which it can be moved. Heats are contrived for the men with work it, and a sufficient force of home is applied to make them to procould at a gallon, each horse being min by a second driver. This kind of artiflers was acquisered by the French during the ASP

ARTIST ARTIST. A proficient in the morhim illustrative of the history and my-thotogy of the ancients, so called from the Earl of Arundel, by whom they were transperiod from the intend of Parce into Engof Athenr, supposed to have been

ASA PORTIDA. A gun resin of a very fetid small, obtained from the fertils and fetida, a personnal plant, which is a saily of Persia. It cames into this essency in email grains of different colours, burd and

ASBESTOS. A mineral su which Amianthue is one of its principal species. This consists of clustic fibres, species. This commits of classic there, somewhat unctuous to the useth, and slightly translucent. The anninals manufactured cloth from the filters of the adnotation for the purpose, as is raid, of wrapping up the bedies of the dead when exposed us the funeral pile; it being incombastible to its nature. It is found in many places in

Asia and Europe.
ASCARIDES. Worms that infest the intestinum restum, and cause a violent Behing paise a kind of worms which infest

straing; aloo 2 mins of worms which inject the intestince of all submany;. That de-ASCENSION (in Astronomy; That de-gree of the equator recknowl from the first of Arine enetword, which gives with the sun or a star. This is either right or oblique, according as it rises in a right or as six-

ASCENSIONAL DIFFERENCE, The difference between the right and the of lique ascension in any point of the her

ASUENT. The rising of puide in a gle tube or any vessel above the suri own jevel

A well known true, the timber of which is nest to the oak in vaine, being used in every sort of handicraft.
ASHES. The carthy salutance

ing after combination, which contain an alkaline sult; also the skinmings of mainl anny the issue-founders.
ASH-WEONESDAY. The first day in

Lent, so called from the costom of facting in suckcloth and ashes

A vary small kind of serpent, p ASP. liar in Egy pt and Libya, the bite of which is deadly. Its poison is an quick in its op-essitions, that is kills orutious a possibilit of applying any receedy. Those that are fetten by it are said to die within those boars, by means of sleep and techniqy,

Google

ASSURANCE, OF INSURANCE. AC engagement by which a person becames bound by a specified way, and for a limited person, as indomnify another for may losses chick his property may sustain from fire

or shipwresh, &c. ASTERISK, A star (*) used in printing sk of referen

ASTERN, Behind a snip

ASTEROIDS. The new planets, Ceres, Juon, Palias, and Vesta, lately discovered. ASTHMA. A painful, difficult, and la-

in, with a sense of stricture become respiration, with a sense of stricture across the breast, that mine times approaches Destion

AFTRAGAL (in Anatomy). The ankle ing serving as an ormament to the tope and tome of rolumns.

AFTRAGAL (to Gundery). A sm

ANTEOLABE. An instrument fortaking

a situate of the sun or stars at sen.
ASTROLOGY. An art formerly me cultivated, but now exploded, of judging so predicting human events from the situ ation and deformed aspects of the beavenly

AFTRONOMY. The science which tr of the man, moon, earth, planets, and other neavesty leates, showing their magnitudes, seler, and distances from each other, men moins and marking thely ricings, arthings, motions, appearances, the times and quan titios of their ordinaces, &c. It comprehends what was assistedly called the doctrine of the sphere, and is a mixed matt

AFFRONOMY, RISTORY or, Of all the learn which have negaged the attention of manuf, none appears to have been sufficient a easily as that of astronomy, of mention, none appears to have been volvious? In soly a that of authority with a total of the collect and most inter-with spike of the collect and most inter-with spike in the spike of the collect and most inter-with spike of the collect and most inter-with spike of the collect of the spike of the sp in 2000 a position of a camer text, there is no contracted by the position of the position of

was to be seen in his day. He also ascribes to the antediturians a knowledge of the artennanical cycle of 600 years, but upon what authority we are not informed

West attends we are not unabance. The account is, herever, not imprebation for historians presently agree in assigning the origin of astronomy to the Chaldsons soon after the delays, when, for the purpose of making their astrological predictions, to which they were much additted, as als for that of advancing the science of actro ny, they devoted then meives to the study of the heavenly leader. The Chaldengs were in fact a tribe of Bairfordans, who constituted the priests, philosophers, a nomers, astrologers, and soothenyers of this people, whence a Chaldean and a mothmyer became synonymous terms. These Chaldeans discovered the motions of the heavenly hodien; and, from their supposed influences on human affairs, pretended to predict what was to come. The planets profict what was to come. The planets they called their interpreters, ascribing to Baturn the highest mak; the next in eminence was Sut, the sun; then Mars, Venus Mercury, and Jupiter. By the motions and aspects of all these they foretold starms of wind and of rain, or excessive droughts, as also the appearance of comets, ectipses of the sun and muon, and other phenomena. They also marked out thirty-six constells tions, twelve of which they placed in the zediec, assigning to easir a month in the year, and thus dividing the zuline int twelve signs, through which they taught that the reversa planets performed their revolutions. They appear not to have had much idea of the immense distance of some of the planets from the sun, but ascounted for the time they took in performing their revolutions to the stewner of their a They, however, held that the moon completed her course the sconest of any, not because of for extraordinary velocity, but because her orbit, as it would now be called. was loss than that of any of the heaven bodies. They mught that she shone with a

If the plins of book in the property to be property is, that we there even nations were obtained.

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the showed that the orbits of the planets Moor of Speen, observed the obliquity of the were screening, and that the moon moved scriptic; and Allianes his contemporary were streaming, and that the moon moved down in the spope that is the prefige.

The down in the spope that is the prefige.

The summand talker of the meliuse of the spope that is the prefige.

The summand talker of the meliuse of the spope that is the present the stream of the herizon. The stream of the spope that is allowed the single that the compared the summand that the spope that is allowed to the spope that is the spope that is allowed to the spope that is al to bis need of the district; and compating co more accurately. Di bagreyer. a disringuished by his succession of the good attack to the number of a thousand and iwenty-two, with their initials and Logitudes, and apparent constitutes. These and next other of the observations are preserved by his illustriand our way Philese

From the title of Hipparchas to that of Product, as not eval of upwards of two materies, her or an advances were made in ourseassy. Claudius Pickeny, who are too at Poinston in Egypt, in the first untiry of the Christian ara, in well known or the turber of a great work on astronomy, coulded his Alexandre, which contains a complete motion of astronomy drawn from the observations of all preceding astronomentin union with his own. He maintainsun's mason, which continued to be uni-

efformally. He also determined the size freque, who wente the Elements of Auto-panes between the tropies to be 11-20 of the whole meridian circle, which makes the absolute of the exliptic in his case to be 22 other various with those of Fudomy, and squess, DI minutes and one-third. As Computed the centers of the sun's apages humalise is said to have constructed a Goos Ptolomy's time to his own. He also planetinium to represent the planomana compared inbies for the meridian of Ayabia, and motions of the heavenly bodies; and which were need extensed by his country others added to the stock of attrasomey others and not to the stock or softer to the country and the country and

arement well as other arte and ecleases, began to revive in Europe, particularly under the suspices of the emperor Prederick II.; who, besides restaring some decayed univirialies, founded a new one, and in 1220 caused the works of Aristotic, and the Ai-respect of Fudency to be translated into Latin. Two years after this, Juhn de Sarra Basen, or Juhn of Hallfax, published his work De Spharm, a compendition of naturnumy drawn from the works of Pintemy, Alfragae, Affecteguios, and others. This was held in high estimation for some conwas read to might assumation our some con-turies, and wear honoscored with a commun-lary from the pen of Charles and other learned men. In 1996, Alphonass king of Castile, a great astronomer binnedf, and an encourage of astronomers, reservated with their assistance the lables of Proteny, which, from him, were called the Alphon-sine tables. About the same time Roger of the posselly received opinion of the Bason published his tracts on astronomy, and shortly after Vitallia, a Poinsder, is remaily soft will the time of Coperations. The treatine on optics, showed, in according to work of Federay being preserved from none with Albanen, the use of refraction the green's configuration that constants the green's through the green's configuration that constants in advances. Nextly two constants in advances. Nextly two constants the configuration that the green's configuration that the green's three green's configuration that the green's three green's we map of not constitution, the Arizantia way are seen as a constitution of present and globes, wrote constitution on Professional Constitution of a summing, uniterated as with great adversary and protocoping of a constitution of the constitution as sections, on the even finished and the section of the section o

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Mailer mided to the list of astronomical discovered be also discovered by a fell than another than the first who discovered be also discovered two additional anothers. the also contrived a method for floding ber parallax by time observed places of a solar branches of the science, and distinguished ections, and showed the use that might be | Illemnelves by their remarches, Dr. Ma made of the approaching transit of Venus wan from the earth, and recommended the meetind of determining the longitude by the moon's distance from the sun and certain fixed stars, which was afterwards success-fully adopted by Dr. Maskelyne, Astronomer Royal.

favour of Newton's theory. M. Cassini tened at the poles, and protuberant at the aquatar. To determine this point Louis XV. the expedition to the north being intro to Mesors. Managertals and Claimet, that to the south to Mesors. Condustine, Eouguer, and Bon Ullina. Annua the many obserestime ande by those who went on this espelither, it was found by those who went to the worth that the attraction of the sentain of Fera had a sensible effect on the plumb illness of their large instruments, which is supposed to afford an experimental proof of the Newtonian dectrine of gravitalies. A similar observation has since been made by Dr. Maskelyne on the meantain Belieballien in Scotland.

The eighteenth century was marked by the discoveries of Dr. Bradley, the successor to Dr. Halley as Astronomer Royal, and by Harwhol, who also filled the same post mahamamahiy to himself. Dr. Bradbey dissherration of light, and the andston of the earth's axis, besides having formal new and accounts tables of the mo bons of logitor's astellites, and the most ment table of refractions that is extant : also with a large trapelt instrument, and a are mund quadenat of eight feet radius, he made observations for determining the places of all like stars in the British cats. tops, and linewise musty a hundred and after names of the mount. Dr. Herschal, by augmenting the parters of the telescope agond any thing artising before, to any

to Saturn, besides those of his own pla lynn, the producessor of Dr. Herschel, ranks the feremost, having been the originator of the Neutical Alman ic, and brought to the lunar method of determining the longtude, &c. besides making the requisite to bles. The theoretical part of the science was indebted to Clairaut, Euler, dimpoun-de la Caille, Kiel, Gregory, Leadbetter, for It was about this period that the question respecting the figure of the carth appears to have been entrafactority decided, and in pens of Lalande, Ferguson, Emerson, Bon mercial of versions, and environmental of the second of th many.

The nic encion. Traderenne tine point Louise A.* or nucleoral resistury was combined or ordered two degrees of the median to be a contract of mercal new planets, namely one in 1801 by M. Pinzer, the other as near as possible to the pulse; of Fairros, named Cores, between Mars the contract of the most between Mars and between the contract of the most between Mars and between the contract of the most between Mars and between the contract of the most between Mars and between the contract of the most between Mars and between the contract of the most between the contract of th and Jupiler; another, named Pallas, dis-covered March 25, 1802, by Dr. Others, of Bremen; a third, named Jons, by Mr. Harding, at the observatory at Lillenthat, new Browner, Sayd. I, 1804; and a fourth, named Year, Olliera, March 29, 1807. These three last have also been observed to revolve between Ma

> ASYMPTOTE (in Copic Sections). line which apprendice amore to mother continually, and never motes it. It is properly applied to straight him approx

> ASYNDETON. A figure in gr when conjunctions are omitted in a sen-

> ATCHEEVEMENT (in Hambley; vul-garly called flavoursers). The arms of any family, with the arnaments appending thereto, painted on canvass, and fixed to the dwelling house of a person deceased, to denote his death

ATE. A termination of circuital words. A-TEMPO (in Music), Italian for 'in

time,' employed when the regular measure ATHANASIAN ORRED. A formula of thith oscilled to St. Athamsius, which has been adopted into the literacy of the districted by

of Masland.

if any part of it wanted the if omid not to sultpetre.

ATROPA, or DEADLY STORTSHAPE. A genus of plants, age species of which, assembly the Almyo Belladonna, is recorrabte for maring america of a fine black colone, which are highly potentials. It grows wild to England, and has caused the death of many continue who have enten incentionally

of its herries. The root is perennial.
ATOURIN, A disease, a kind of consumption, where the budy is not nourished by food, but decays and wastes away in-

ATEOFOS. One of the three destine who, on the poets felgo, cuts the thread of

ATTACHMENT (in Law), A laying on of hands, so taking by victor of a precept; in differs from an arrest, inamports as it lays hold of the goods, as well as the per-

amount in onset, made to gain a port or

is a bill brought into parliament for attaint-ing process convicted of high treason. Fuch bills have been passed occasionally from the yeign of Charles IL

ng, in which there is no roof or covering o be seen, as was senal in the houses of i is Atheniana. The artic, cruttic story, is

ATTITUDE (in Painting). The gesture

of a figure, serving to express the netton and synthesis of the person represented. ATTORNEY. One who is appointed by another to do a thing in his absence. A politic atterney is one who acts in the costs of law, and is a lawyer by professine ca private attorney acts upon particu-tar occasions, and is authorized by a letter of aitomey, which gives one full power to

net fire anothers. ATTORNEY-GENERAL, A great law officer, appointed to manage all affairs of the state, either in criminal prosecutions

ATTEM TION. In a general came, the power or principle by which bedies muru-ely and newards once other, which varies tion is distinguished trace the Attraction of

artituents, | Lion of Electricity, Attraction of Magnetism, and Chymical Attraction.

The Attraction or Congues is that by which the minute partition of bodies is hold together,

Avvenueron of Graytrarior is the prin ciple by which bodies at a distance tend to each other; on this principle it is that two lenden talls, having such a sussoil curface, if compressed strongly sugether will colour almost as strongly as if united by fosion; and even two places of glass if the surfaces are dry and even, will concee so as to require a certain furce to separate them; which is supposed to be a surversal principle in nature. By gravitation a stone and all heavy leadies, if het full from a beight, are supposed to drop to the sarth. All ca-lectial bedies are supposed to have on only an attraction or gravitation towards their proper centres, but that they mutually as me j and sim from a distress, which selects me tooks, too encodes that any analysis from tooks, too encodes, and goods; but any analysis and forwards too and towards to an analysis and towards the sun and towards the analysis for any analysis and towards the sun and towards them.

ATTAGE, A military term a general. The excellence of Jupiter tend cowards Jupiter. ter, as Jupiter does towards his satellites; and the same with the satellites of Saturn are any particular paint.

ATPARYDES (in Law). The corruption
and of Unuson. The earth and moon and
arband, which follows from lesing reservictist of treams or folioty. A Bill of Attainder
this same principle of gravity leavening of breason of theory. A fluir of Atlantices of all through its normal participate of gavity beavening a said brought in the participate of gavity beavening the beautiful participate of the participate of the said through the said control of the said. From this attraction of the said of the sai swells, projectiles are directed, and the air presses upon different bodies.

ATTRACTION OF MAGNETISM is the particular tendency of certain budge in each other, as that of the magnet, which attracts iron to itself. This is only a sort of attrac-tion of gravitation, acting on particular substances.

ATTRACTION OF ELECTRICATE in the pr ciple by which looks, when excited by friction, tend towards such ather. This species of attraction agrees with that of gravitation in the property of acting upon budge at a distance; but it differs from it incompains at these budges require to be to a particular state in order to be acted upon.

CHYMICAL ATTRACTION betlett disposition which some bodies in solution indicate to unite with some substances in preference to others. This is otherwise called affinity, and is considered as a sort of attraction of according to the nature of the bodies at the state of the bodies at the state of th

ATTRIBUTES. These properties or per-

zed by GOOGLO

of confession among Roman Catholics, by presented a clock to the king of Spain whispering in the care of their fathers, which had, among other carinsities, askeep

AURORA HOREALIS, Le. the Northmay Twincourt. An extraordinary meteor or luminous appearance visitle in the night time in the northern parts of the heavener. The aurors berealis appears frequently in the form of an arch, chiefly in the spring and antono, after a dry year. This kind of metaur is pure rarely to be seen, the enter we approach the equator, but in the polar regions it is very constant and brilland. Je the Sheitend frienthese lighte

to called 'the marry dametra.'
AURUM MUSICUM, or Mussicum. ombination of tin and sulphur, used by statemies and painters, for giving a gold adon in their figures.

AUSPICES, A kind of se ong the Romans, by the flight or singme of highe

AUTO DA PE, or As Act or Parie. The minum art of punishing heretics, for-mony in one among the Spaniards. Upon a Bunday or festival, the offender being hought from prison to clinical, dressed in a frightful man our, attended divine service, after which he was delivered over to the civil power to be burnt.

AUTOORAPH. An epithet applied to band nwo s'ocerne e di motto w il yesundw writing, as an autograph letter, a feiter of

AUTOMATON, A self-moring engi more particularly the facers of any natural having the principle of motion within itself by means of wheels, surings, and weights; those in the figure of a man are called and older, as the proclamical chess-player, Ar. (the Assurage); those of extends are properly called outmosts. It is said that Archylas of Tarentum, 400 years before Christ, made a wassien pigeon that could fly, and that Archimedes made similar eagle, that flow forth from the city, mot the engone, mining him, and returned; also as too dy, water flow out of his hand at afeed, and returned again, after flying about the room. Or, Hooky made the model of a Baing Chaper, capable of supporting Hadf in the six. M. Vaynamum made a figure this physical the finter calso a finch capable. of enting, dranking, and instatory exectly

AURICULAR CONFESSION, A mode duck. M. le Droz, of la Chaux de Foods, Which has, among other certainties, and a dog that crade a bleating noise, and a dog watching abushet, that marind and barked when any one officed to take it away. One of the most celebrated automats

ever invented, was that of the Chess Player, constructed in Germany by Baron Kemp itu, and since exhibited in various parts of Errope and America, by Mr. Mosinel. It represented the figure of a Tuyk, who made the nerves on the chess-board with its hand, and played the game with an much skill that it was long thought never to have been heafen. It was however fre-quantly beaten in America, and is now gen-erally supposed to have concealed a person of small size within the engine, which directed the neaves. The ingeneity of this contrivance, therefore, lay rather in the mode of concenting the real player, then

AUTUMN, The third season in the year, which legies, in the northern hemisphere, on the day when the sun cuters Libra, that w, on the 23d of September. II termi nates about the same day in December when the winter rammer

AUTUMNAL SIGNS. The three signs Scorpio, and Hagittari which the our passes during the auto

AUXILIARY VERBS (in Gran Such verbs as belp to form or conjugate others, as, in English, the verbs 'to have,' and 'to be,

AWL, A sh sembler's tool, with wh ludes are bored in the feather, for the ading. The blade of the awl is mostly a little flatteand and bent.

AWNING. A piece of tarpaulin or sail, &c. hong about the danks or pay other part of a vessel, to acrosp persons from the sun

AXIOM. A self-evident pro one requiring so proof, as that "the eshote is greater than the part."

AXIS (in Geometry). A right line con-ceived to be drawn from the sentex of a figure is the middle of the base. It is so the value of a natural one, and, what is railed because the Agure, by reveloping tized by 1000 C

B, the second latter of the algebraic, is office a property of the contraction. This quadrant is move used as un abbreviation for Bachelor, as appreciable by more accurate instruments. B. A. Bachelor of Arts, B. D. Bachelor of Britainy, ax. B as a numeral assumption of the abbreviation of the abbreviation. This quadrant is now to support the abbreviation of the ab e thus, it for 3000. B, in threenday, stands for one of the Dominical terrers, and ac for the seventh onte in the gamet.

BAC

BAAL. A god of the Phenicians and Camanities, which is expressed to represent the ton, and to be the same as the Bel or

ficing of the Greeks.

EAROON. A large kind of upe with a spect 180, which forms one division of the grows Simin in the Linnean system.



BACCHANALIANS. These who performed the rives at the S

RACCHANALS. A listival at floore in none of forchis, which, for their licen-

BACCHUS, The got of wine in the heatlest mythology, was the son of Jupiter and Senset. He was the son of Jupiter and Senset. He was the Ositis of the Egyptians, from whom the fallow respecting im were taken by the Greeks.

BACCIFER.E. Berry-bearing plants BACHELOR. One of the first degr nt degmes

the three are conferred at the univer-nities of Critical and Cambridge.

BACKGAMMON. A portfordar game played by two persons with the heigs of Sect, on a loaned or table divided into garte, wherein are twenty-four black and

EACEPAINTING. The method of positive reasontinte prints passed on glass, with all evicure.

BAUBSTAPP, An instrument formerly und is taking the sun's sittinde. It was a milet because the tank of the observer is turned towards the sun when he makes

aumonants of the robbins. It fell is do the nee in the robin of Canson Elizabeth. BADGER. An animal ranked by Lin-nessis under the Read ribe, which lives in leads by the sides of rivers, or in the defin-of rocks. If feeds on talects or berries burness during winter, funits by night, and lies somerable by day



BAG (in Commerce). A determinate quantity of goods contained in a larg, vary-ing in size, according to the article or the place, from three to four hundred weight. BAGNIO, Italian for a bathing boose

BAUNIO, Hammer for belong westing, with conveniences for bathing, eventing, and otherwise cleanting the body. BAGFIPE. A levearite wind instrument among the Hightenders. It consists of two parts: namely, a leathern long, and pipes for admitting and ejecting the sir. One of the pipes called the drane, with which the ner part is played, never varies its tone. The third pipe is played on by compressing

the beg under the arm.

**GAIL (in Law). Sureties given for the appearance, when required, of a person in custody. Common Ball is in common con-cernment, where any saveties may be takeep but Special Statle in matters of greater importance, where special surely of two or more persons south to taken according to the value of the cause. BAILER (in Law). The person to whom

the goods of the

BAILIFF. A subordinate m officer appointed within a particular proare officers appointed by the shariff in ex-

tized by GOOQIC



BALSAM TAES. A tree growing in Ambia and Egypt, the bark of which yields the bolm or lateum abovement and.

STALEAMICS. Softening, healing, and BAMBOO, or BAMBU. An Indian reed

with larger about then the common read, The poorer infratations of India make their dwellings of this reed t paper is also made of the same material, by bruising it and storping is in water until it be reduced to

NANANA, See PLANTAIN TREE HAND (in Architecture). Any flat, low

HANDANA HANDERBUHGEPS. kind of silk bandkarchiefs manufactures to inche, of silk and cotton. BANDEROLL. A sea term for a litt

ag to form of a gridiron, that used to be BAND OF PENSIONERS. A parti-

ular company of pentiemen bearing hal-reds, and attending upon the person of

BANDETTE. A band of outlawed re

must frequent in Ital ers, must frequent in Italy.

BANDOLERII, or BANDOLERI. A

lege leathern bols, farmerly money the left right shoulder, and hanging under the left BANDROL. A trib flag or streamer

BANDS. Two pieces of two mains upon in laws of the middle, to held them tight. BANESET: A knight made in the field, whose standard was converted into a bus-ner which he could display in the hing's

BANIAN TEEE See Indian Pro-

BANISHMENT, & quitting the reals ather womenarily, as by shiparation; or numpulserily, as by franspartation. BANK (in Commerce). An establish

for the securing of moneys and tetting them out on interest. Ranks are general ly formed by a number of moreyed pay ms, who, for corying on the business of regatisting bills of exchange, and dealing is builtion, & c. advances con as a joint capital. The first back was es-tablished of Venire about 1157, and the mans of Basso was given to it in Italian, from the nearth which the money changers or highers used to all upon in their courses or rechanges. The bank of forms was established in 1945, that of American, in 1000 ; that of Hamburg, in 1019 ; that of Botturdson, in 1030. The Bank of Duc

BALM, or BALM MINT. A personal, i kind, one of the last, but at present the so called from the fragrance of its ment, product of its kind, was established by whiter reasonable that of balance.

BALPAMTACE. A tree growing in into a temperate body, by the title of the state of th Governor and Company of the Bank of England, its notes from the currency of the kingdom to a certain extent, and amount to between twenty and thirty arti-liuns. The Bank of England is also the Government Bank, and pays the intermit of the national debt.

BAN

A person who traff BANKER. money, by receiving the current cash of individuals free of inderest, and negatiat-ing with it, either to the discount of bills or the advance of m

BANKING-HOUSE. Any mercantile house which carries on the husiness of a private banker, as distinguished from the flank, by which is understood the Bank

of Englan BANKBUPT. A trader who fails or breaks, so as to be unable to carry on his business or my his debts. In Law, a bankrupt is one who has committed un act of bankraptey, so as to bring him under the protection of the bankrapt laws, which is allowed to none but octual traders, or such us buy and sell, and gain a twelthood by on delog. It is derived from baccam, a bench, and russpere, to break, because the beach of the Isalian banker or moneychanger is said to have been lunken by HANNER. A fing or stands

standard at the

BANNIANS. A religious sent am the Hindam, who believe in the tennant gration of worls, and therefore abstain from cating the flesh of entireds, which they excefully preserve. They are an employed of having communication with any but their own raste, that if any of and tion or tribe has drunk out of or touched neir cup, they break it.

the north of England, baked in the embers

on a his stone. BANNS OF MATRIMONY. The pub italing of marriage contrast in the church before the performance of the marriage enemony. By the arclinances of the church, when persons are to be marriage, the beans of matriamany shall be published. in the shurch where they dwell three verena numacye or bulydays in the time of Dictine Secritor; and if, at the day hap-pointed for their marriage, any man do-altege any impediment or speciations; as consent, infrarey, see, why they should consent, infrarey, see, why they should





BAR

BAR

SARPTONO: A law pitch of tan ve

tween bus and tenoy.

BARUM. A matel so colled by Sir H. Dave the discoverer, which is obtained by the chymnal decomposition of burytes. BARK. The skin or covering of a ligne-

our plant. Shork-binding is a disease to areas coved by sinting the bark.

street served by sinsing the back.

BARK (10: Cosmorce). A stuff manufourned in India of the back of frees judicities. Foresten or Jesuit's back, which is pressured from the Cinchena tree growing in Units.

BARK, A sex term for a small vessel,

parlicularly can carrying three masts.

BARKING. The process of peeling the mask off the trees, which must be done in the month of May.

HARLEY, A sort of torn or grain which is sown in March, April, or May, and succeeds less to right dry soils. From Barley, when converted into male, beer in made, 6 ARLEY, or Passa-Barley. Buriey

stripped of its first cost, and used in mak-ing a dist drink.

BARLEYCORN. The least of our bang

BARLEY MINY. The place where HARLEY WATER. A decocion of

BARM, or Years, The head or working

out of henr, which is used as a forment to lighten bound.

HAEN. A transhesse for gmin, in which

B is deposited and threshod. RARNACLE. A species of shell-fish which sticks to the bottom of ships,

BARNAGLE-GOOSE. A large water fowl, with a broad flat bill



HAROLPEE: A serve of the proderder, called aims the each mite of heartman BAROMETER, An Destrument for most string the scright of the atmosphere, intown for the place toke herenotically realed at one cod, and alter with moreover, as as

ting his finger on the open end, immedit in a basen of quickstiver or water, a on his rimes ing his finer, the quicks in the interendant rices, by its new we to descend into the bassu, but by the to descend tolo the dates, but by the sure of the external alg on the curls the fluid in the bases, and no alreit the take at the top, the quicksites rise from 35 to 31 inches in mercury from 36 to 35 inches in water. It wenther, the air, being free from vap is consequently heavy, and pressus up quickeliver; but in moist rains weath quickenter; and a model carry weeks the atmosphere being charged with clean and fogs, the air is lighter, and pres with less five on the quickeiter. high winds the atmosphere is light, a the quickeiter law; it also rises high in sold wanther than in warm.



BAHON. In England, a degree of nobtl-ty next to a viscount. All largest are leads of partiagness and pures of the resim-Barons were originally so by tenure, that is, by virtue of the barony assezed in

their lands or office.

BARON AND PEME. A term in Law for bushoul and wife, who are deemed but BARON'S CORONET. On a gold circle



by King Chartes II. after the Restorati BARONET. The lowest degree of B

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BAT

BAT

51

Britons.

BASKING SHARK. A species of the shark, which lies much on the surface of the water, basking in the sun. It grows to a prodigious size, but is not very flerces.

BAS-RELIEF. See Bas-RELIEF. See Tas-RELIEF.

BARSE A Born or Messes and Secretary and Secretary and Secretary of any composition. This note is played on the largest pipes or strings of instruments of the common site, as the organ, let, &c., or on the largest kind of instruments. The base is the middle of instruments. The base is the secretary of the foundation of the secretary of the secretary of the secretary of the secretary whence it is called the fundamental bases. Thorough base is that which includes the fundamental rules of composition. Ground base is that which commones with some subject of the own, that is continually interested of the own, the secretary of the se

ter marked thus,



and placed at the beginning of a stave in which the bass or lower notes are placed. BASSO ERLIEVO. In English, bas-relleft, a sort of sculpture in which the figures are represented, as projecting not far above the plane on which they are formed. Figures cut, are said to be done in relieft, and when the work is low or flat it is called bear-relief, or base relievo. it is called bass-relief, or basso relievo, in distinction from alto relievo, and mezzo

reliavo.

BASSOON. A musical wind instrument
blown with a reed, and has eleven boles.
It serves to play the base part in concerts.
BASS VIOL. A stringed musical instrument of the same shape as a violin, but strument of the small larger.
BASS VOICE. The gravest and solices.
One born

f the male voices.

BASTARD (in Law). One born out of redlock, who cannot inherit.

BASTILE. A fortress in Paris, which was used as a prison, and destroyed during

be seed as a primon, and ware by be french revolution.

BASTINADO. A mode of punishment sual among the Turks, of beating the Stander on the soles of the feet.

BASTION. A large mass of earth, stand-off which it form

ert, of which it forms g out from a ran

no principal part.

BAT. An animal resembling both a bird



BATABLE GROUND. Land formsety so called, which lay between England and Scotland, and was the subject of debate in whom it belonged. BATEMENT (in Carpentry). The wast-ing of stuff, in catting it for the purpose designed.

BAT-FOWLING. A mode of catchin

BAT-POWLING. A mode of catching birds at night, when they are at roost. BATH. Any receptacle for water which can convenient for taking a law on a sufficient convenient for taking a law on a sufficient received by the convenient of the subject to the forty of a mode of conveying moderate to the body in the form of a shower; a vapour bath, or a mode of conveying moderate to the body but means of steam; a medicinal bath is that in which certain chymical subject to the subject of the s

BATH (in Chymistry). A contrivance by which heat is conveyed to any substance; also in the refining of metals, the fusion of the metallic matter is called a bath. BATH, KNIGHTS OF THE. In Eng.

BATH, KNIGHTS OF THE. In Eng-land, a military order of knighthood, re-stored, if not instituted, by Henry IV. These knight wear a red ribbon, and their motto is, Tria juncts in uno, alluding to the three cardinal virtues, faith, hope, and charity, which every knight ought to

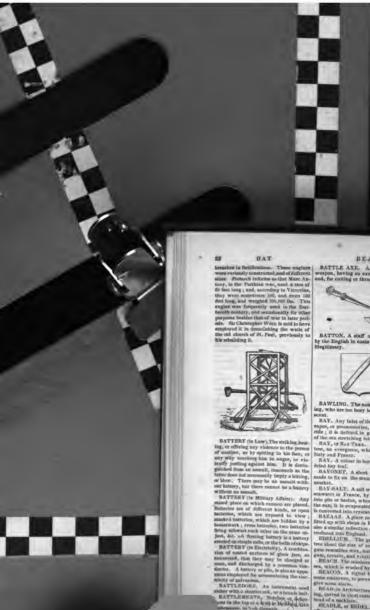
BATON. The staff or truncheon, given as a symbol of authority, to generals in the French army.

BATTA. Allowances made to tro. ps i BATTA. Allowances made to tro, ps in India. Dry batts monory given in lieu of rations; wet batts, what is given in kind BATTALION. A body of foot coldiars of from 600 to 600 men. BATTEL An ancient mode of trial by single combet, which has tastly been abs-lied in English and the property of the standard from two to four inches broad, and one inch thick.

one inch thick.
BATTERING. A cann

BATTERING. A cannonade of hear ordnance against any fortress or works. BATTERING-RAM. A military m chine, with which the ancients effect

900c



officer of a court, of the



BEA

my corporate body, who acts as a mea-sager and attends to keep order. BEAD PROOF. A method of deter-ning the strength of spirituous liquors, roun the continuance of the bubbles or

rom the continuance of the russues are asso and as arriace.

BEAD TREE. As the kind through, and rung as beads by the Roman Catholics as Spain and Fortugal.

BEAGLE. A sort of hunting dog.

BEAGLE. A sort of hunting dog.

BEAGLE. A sort of fourting the state of tit, which is without before the formation of tit, which is without before the formation.

stle, and serves by way of ornament. mong the ancients it was a piece of ass, like a bird's beak.

brass, like a bird's beak.

BEAM. The largest piece of wood in a building, which is its main support; in Naval Architecture, beams are the large main timbers that stretch across a ship to

support a deck.

BEAM-COMPASS. An instrument consisting of a square wooden or brass beam having eliding sockets, used for describing

having siding solution, used to deliber the large circles.

BEAM-TREE. A tree which grows to the height of thirty or forty feet, so called, because it is particularly fitted for making axistrees and the like.

axistrees and the like.

BEAN. An edible pulse, of which there are several sorts, as the kidney or French bean, the broad Windsor bean, the horse

bean, &c.

BEAS. A wild beast, covered with shagy hair, and having hooked claws for climbing mees. It feeds on honey, insects, and carcasses, and thes torpid during and carcasses, and thes torpid during and carcasses, and the storpid during the control of the c



BEAR'S-BREECH. An herb, from the mooth leaved sort of which, is extracted

BEARD (with Botanists). The under lip at a labiated flower, and in corn and grass,

BEA

nie which perv the ear, as in barley, rye, wheat, an BEARD OF A COMET (in Astro-

me sur, set in bearry; 1779, waves, take with BEARDO PA COMET (in Astronomy). The rays which a correct to the common of the comm

prevent its bearing with the whole weight at the ends only.

BEARING (in Architecture). The distance between the bearer, or support, and each end of the timber.

BEARING. A see term, to denote the situation of any distant object with regard to the ship's position, whether shead, rn, or abreast, &c.

BEARING (in Heraldry). Whatever is

BEARING (in hersatury).

BEAT. The walk or round, which a ratchman has to take at stated intervals.

BEATING TIME (in Music). That motion of the hand or foot, by which some cross marks and regulates the movements

person marks and regularity of the performers.

BEATS (in a Clock or Watch). The strokes made by the pallets or fangs of the spindle.

BEAVER. An amphibious four footed

BEAVER. An amphibious four foot nimal, that lives on the banks of rive and unfrequented takes, and is remarkal



for its ingenuity in bullding its habitation. It walks slowly, swims dexterously, eats sitting on its haunches, and conveys its frood to its mouth with its fore paws. This animal is valued both for its fur and its the oil which it yields, called castor oil.

The second second



BEN

HELLOWS OF AN ORGAN. The present of the machine, by which is a supplied with wind. To believe of a large segme as verted by a man called offered by moure of heat, whether by being the control of the co s large organ are worked by a man called the blower | those of smaller organs by the

fluit of the player, BELLUE. The sixth order of animals in the Linesem system, having their feet housed, as the equae, or horse; eas, the swine; the hippoperance, and the lapir. EELT. A girlle for backing a sword or

any other weapon in.

IELIT (in Bernidry). A badge of the knightly order, given to a person when he was raised to the knightlessi. BELT (in Surgery). A handage applied

and the body.

BELT (in Massery). A range or course of bricks projecting from the rest. BELTMIN. An ancient festival is Ire-and, substanted on the 21st of Jone, the masser solution, when fires were made on

mining assuce, were more services on the tips of the hills1051/7%, or Faster. Two zones or globs confid the planes Jupiter, more said than the other parts of his body, and terminabed by parallel straight lines, sometimes broader and conciliance narrower,

verying both in magnitude and position. These holts were first observed at Na-ples, by Zuppi and Bartelli, two Jesnits.

piles, by Zappa and Barthii, two Jesuito.
BENCH. A seast of jostices, or judges,
as the King's Benck, at Westminster, Eng.
BENGHER. De Sugfand, a lawyer of
the office standing in the Inne of court.
BENO (in Regulary). Due of the len
homomode, collinating, drawn from the
dawin, or sight corner, at the run of the
secutions, to the similate base, or left. sorner, at the bottom. It is supposed to represent a shoulder helt, or ecarf, and to show the wester to be valiged in war. It es called a bend dexter, to distopoich it from the bend sinketer, which is the right.



BEND. A sea term for the knot, by

BER

ing or atherwise, by which the fi come relaxed and flerible. BENDS IN A SHIP. The ou

timbers of the side, to set the fact on climbing up the side. They are reckur from the swater, first, second, and the band, and are of great service in strength-ening the ship, as into them the beams, knows, and footbanks are beited. BENETICE. In England, any sectiona-tical living, lest particularly rectories and

PENEFIT OF CLERGY. In Engi a privilege in law, at first peculiar to the clergy, but in after times usuale recomment to the laity. When any one was convicted of certain crimes, he had a book given him or certain crimes, he had a book given him to rend, and if the ordinary or his deputy pronounced these words, 'Legit at ched-cus, he reads like a clergyman, or acho-lar,' he was only burnt to the hand, and set free for the first offence,

was to entire death.

BENZOIN. A dry selld resin, of a fragrant smell, produced by inclusion from the styrut, and indian tree. It is brought to use from the East Indian, particularly Stam and the islands of Java and Sumatra. in masses of various sizes, esemposed of small granules of a whitish or yellowed culour, with a purple cost on the surface. It is very inflammable, and diffuses a fee grant smell white burning, and so in like assumer when rubbed in the band. When the benzein tree is six years old, the na too nearcon tree is say years can; one na-tives cut it in several places, in an ob-lique direction, and the lensalis flows from the wounds. Benzion is used by perfumers in making ewert bugs, &c. and was formerly very much estenmed as an expecturent. The tree was introduced

ctperformst. The tree was mirrors from Virginization into England. BEGUNETT. A begang; what is be-question or left by will. BEGUNITE'S BAIR. A constallation

in the newtown homologue, HENGANOT: A fine and of pear, which is of two sorts, namely, the sim-mer harmont and the actum, herapanal, BERGAMOT in Chymistry, A magasis manner, extracted from a froit which is produced by ingrating a broach of a heroso e le fastened to another or tree, upon the stock of a berganat just This member in the cutter of the rying to the cutter of the respective for the

in the mothern hamisphere.

Google



1 P

BIS

BILL OF EXCHANGE (in Com BILL, OF EXULANCE (in Commerce).
A note containing an order for the payment of a sum of money, to a person calling the control of the control esion of the bill, is the holder. is in possession of the bill, is BILL OF FARE. An acco ount of such is as are in season, or are to be

provisions as are in season, or are to be supplied for the table.

BILL OF LADING, or Invoics. A deed signed by the master of a ship, by which he acknowledge the receipt of the merchant's goods, and obliges himself to feliver them at the place to which they are consistent.

BILL OF PARCELS. A tradesm ecount of goods sold and delivered.

account of goods sold and ocuver...
BILLET. A ticket for quartering soldier: also a small paper, or note, folded up as a billet doux, or love-letter.
BILLET. A small log of wood; also in Beruldry, a bearing in the form of a square, supposed to represent cloth of gold and

BILLETING (in Military Affairs).

BILLETING (in minusy Anaiss).
Ordering soldiers to be quartered in particular houses by a billet or small ticket.
BILLIARDE. A game played on an oblong table, exactly level, and covered with cloth, by the means of ivory balls, which are struck or driven with sticks, made bending, so as to drive the antago-nist's ball into holes, called hazards or pockets, at the corners or by the sides of the table. The art of the game lies in pocketing your antagonist's ball without atting in your own.

BILLION. The sum of a million mil.

BILLS OF MORTALITY. Annu gisters of the deaths and burials, which near London. The term is also applied to a register of deaths, in any town. BINDING OF BOOKS. The art of

soing up books in leather or veilum, as distinguished from those done up in boards or only sewed. BINNACLE. A wooden case, contain-ing the companses, log glasses, watch glas-

s. Ac BINOMIAL. A term in algebra for any mantity consisting of two names, or terms nameded together by the sign +, or —

as a + b.

BIPED. An animal with only two legs,

pay-call-BIRCH TREE. A tree with leaves like

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the poplar, the fruit of which is a squamose cone. The timber is used for hop-poles. BIRD-BOLT. A small arrow with three BIRD-BOLL. A small arrow with three heads, which was discharged at birds from a cross-bow. The bird-bolt is still used in England as a bearing in cost armour. BIRDCALL. A whistle or pipe to decoy

BIRDCATCHING. The art of taking birds or wild fowl, by birdlime, nets, and decoys, which, as respects the more artful modes of catching birds, is called fowling. In the western islands of Scotland, where the birds live in rocks, a dangerous mo the birds live in roces, a unagerous moss of bird catching is in use.

BirDLiME. A glutinous substance, made of the bark of holly, which is spread

on the twigs of trees to catch birds.

BIRD OF PARADISE. See PARADISE.

Bird of.

BIRTH. A sea term for the station in which a ship rides at anchoring ground, as a good birth, for a good anchoring ground. BIRTHRIGHT (in Law). Honour or estate belonging to a person by right of his birth.

BIRTHWORT. A herb having a peren nial root.

nial root.

BISCUIT (from biscoctus, twice baked).

A sort of bread much dried in baking; sea
biscuit is dried barder than any other, that
it may be better preserved.

BISECTION. The cutting any quantity,

as a line or angle, into two equal parts.

BISON. A variety of the ox, which has its horns bent forwards, back gibbous, and mane long. It is very common in the western prairies. Herds of ten thousand sometimes seen together. It is im-erly called Buffalo, in the United



BISHOP. A dignitary in the Greek, Romish and English churches. In the lat-ter he presides over the clergy within a certain district, called his diocess. Be-

)Ot

Mr.



BLA

BLACKBERRY. The fruit of the b ble, or blackberry bush.

BLACK BOOK (in England). A book kept in the Exchequer, which contains the

orders of that court BLACKCAP. A little bird with a fine

BLACK HOLE, A place of confi

for soldiers.

BLACK LEAD. A mineral, the plumbage or graphites of Linnsus. It is found in lead mines, and is fusible only by a violent heat. Lead pencils and crucibles are made of it.

BLACK LETTER, A sort of old English

BLANA LUCI LAB. A SEC AND COMPANIES OF THE PROPERTY OF THE PRO

Raile, recembing use seement grass in shape.

BLADEBONE. The shoulder bone.

BLADEBONE The shoulder bone.

BLADEBONE. A shoulder bone.

BLADEBONE. The shoulder bone.

the root of the tongue, which stops the

breath,

BLANCH FARM (in English Law). A
term for a farm where the rent is paid in
sliver, not in black cattle.

BLANCHING. The art of making any

BLAKGHNO. The art of making any thing white, se (in horticulture) the me-thod of whitesing salada. Blanching mo-ny is the annealing, boiling, and cleans-ing is when it is counsel. Blanching cop-per is does in various ways, so as to make it resemble silver. Blanching is also the operation of covering iron plasts with a thin cost or crust of tin. Blanching ai-thin cost we crust of tin. Blanching ai-

ot water. BLANK. A void space in any writing e printing. BLANK VERSE. That which has no

BLANKETS (in Printing). Woollea cloth to by between the tympans of a printing press, in order to produce a fair

impression.

BLANKETS. A sea term, for comb
ilide made of coarse brown paper stee;
in sire, dried, and then steeped again
tallow, resis, and sulphur; they are u

BLO

BLAST. alled also a blight. BLASTING (ass g Miners). saring up rocks by the force of gun-

BLASTING - BELLOWS.

which are used to produce a more that dinary degree of heat in furnaces. BLAZONRY, or BLAZONING. branch of the art of heraldry which branch of the art of heraldry which con-sists in expressing in proper terms all that belongs to costs of arms. The word comes from the German biasen, to blow; he-cause a trumpet used to be blown at justs, &c. previously to the herald's recording the achievements of the kingists. BLEACHING. The process of white-timal times he arrowers to the mn and

ning linen by exposure to the sun and air; or, as is now more commonly in use, by the application of chymical prepara

BLEMISH (in Farriery). Any im fection in a house which impedes a so warrant, as broken knees, cracked he

Etc.

BLENDE. The ore of zinc.

BLIGHT. A disease incident to p
which consists in a sort of fungus
converts the affected part into a

mass.

BLINDS. A contrivance to prevent any one seeing through a window; in Military Affairs, bundles of orders used at the heads of trenches, to protect the men.

BLINDWORM, or SLOWWORM. A worm so called from the musilesse of its motion.

The prevent of the second of

eyes and the slowness of its motion.

BLISTER. A pustule in the skin, fill with serum; in general, any swelling. with serum; in general, any sy caused by the separation of the out tegument of any substance from which is unmeath. BLISTER in Medicine). The

ter or application that raises a bli-mostly made of the cantharides, or S

ish flies.

BLOCK. A sea term for a pulley, or series of pulleys, mounted in a frame, or shell, which serves to facilitate the passage of the ropes. Blocks are single, double, treble, &c. according to the number of ahivers in them through which the run ning ropes run.

SINGLE BLOCK.



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BOD

mard to each of two ships coming so mare to each maker as to much by the board over

BOARD (in Carpentry). Any piece of timber sawed to a less thickness blan amust an inch; all above this thickness

BOARD, or Passessen. Layers of oper on parted together as to make

nce so ford as a board. BOARDING. The fixing of boards for any purpose, as a floor | [in Naval Tactics] entering a chip in a forcible manner.

ROARDS, or by way of contraction, parabourd tovers, without leather.

unts to then of diet.



BOATHILL. A bird of South America having a bill that resembles a boot in shape. It lives upon fish, and darts down n as they are owitmining.

BOATFLY. An insect with an inflected soil, the fives in stagement waters BOATSWAIN. A sea term, for the uffi w who has the boats, anchors, Sec. in his

BOR. The metallic weight attached

a pendiction.

BORNER. A most of topos Little plan of wood with a

ofth, on which thread, A.c. to wound. BODGIN. A long met of pin, on which we good to roll their hair.

RODY (in Geometry). Any solid lawing three dimensions, torquin, torastit, and thixees. Englis Indies, which have all three angles and sides similar and equal, are of five kinds, namely, leftme dres, a hady named ander from comlateral femogles; hexanoloom, a budy our-taining air spinners; metandrem, a budy hav-ing signt transples; doublementers, a budy entrance twelve postagons ; scoundres, a buly metaning awanty triangles. Is sellife which um not conduct his second, send there successes

BOM

in sums over between tack and tack, or ; BODY (in Physics). As extended actor to make affect learning that is, in tack fre-quently, also the slip heaft, as to go starce, that is, hair threading, as board and where its part do and cooling and for any other start heaft, and where its part do and cooling yield in any strake at percussion; a sell body when he jields to every stroke, and thereby ander. es a change; an elastic body, that changes its form with every stroke, i covers it again when the investigat force is removed.

removed.

RODY. In the phrase 'to bear a body,'
a term applied by poisson to any extent
which is of a pattern to be ground on frely, and in mir with all su entirely, m to seem one thick all of the same reloar.

BODY. Of a chymical vessel, that which holds the uniter in distillation, leady of a pump, the thickest part of the barrel or pipe. Body, in an array, any number of forces united under two com-

BOREA TEA. One of the superior

kinds of sea that comes from China-BOILING POINT: The fixed point at degree of heat required to produce the establishes or bedding of a fluid. Every 12quid has a fived point at which builting commences, and this is called the builting point. Thus water legins to bott at the temperature of 21g". After a liquid has begun to buil, it will out homeon honer, for although a stronger heat makes all liquiets bull more rapidly, yet it does not in-

BOLE: A france earth of the argillace mer kind, which unilso with water so to to form a puste. The Armonian bole, or hote armeniac, is a bright red coloured earth, so called from Armenia, the country from

which it is promised.

HOLL: A measure of two business HOLOGNA STONE: A plose DOLOGNA STONE: A phosphoreis a gray wift sulphureous stone, about the else of a large walnut, which chines in the dark after calcimation. This stone is the entire suiplinte of carytes.

HOLETER. A soft pittow for a freezen limb, in Parriery, it is the parae of these parts of a saddle which are raised upon the bown to menice the rider's thighe.

EOLSTER. A see term, for a place of

timber cut and placed for the ----

the cable.
NOLT. on mon plu used for accepth

equius finher.

BOLLE, An Initenti medicine, of a consistent finite plant homey.

BOLLE, A bettor had of event treat thought. A bettor had of event treat filled with amountatible, and thereaged free a moutar inite town or when it in the best of the finite plant with a moutar inite in the control of initial town or when it is initial to be the control of initial town or when it is initial to be the control of the control of





BUT

HOROGORISC. A customary which springs from the stone or branches descent of hand in more places to the bearing the flewer and fruit, is the posign younger none little. The generic same in the Lineson

system for all animals of the us tribe, as on or, muck or, the blum, buffalou, con

BUTANY. The sessore while odge of plants, as to their discriminating obscuctors, structure, grawth, value, diseases, and the file. Plants are distinguished into natural uniters, or trees, the since of which mad forth branches from the middle and top ; shrubs, the stores of which cond forth branches from the button; undersbrubs, when the steam of the steam period; berief, which bear flowers and weeds, and thou die ; if they die at the and of our year they are called annuals, if at the sod of two years biennials, if they has three or one or years they are personnals forge are shally, roringeous, or woody sign, or marwoods, have neither shows not rus | mount, which have only leaves and Duil . form, that never send forth more on a fastatedle r grames which are distinguished by their arem. whish is a rails or straw : lilies, which have a subcross or bulbous root : palme. which have an arboreous stem, from which the towes grow, and not the branches. The parts of plants are distinguished

anemly min the root, the stem, the bod. the leaf, the informement, and the frueting The rest is the part through which the plant derives nestrubment from the worth ; a pixel is either surroad, biomotal, or permala, assenting to the time that the not lasts. Stools are cometimes called placky, when they cannot of a fleshy protougettee , Alexes, when they named of many Elevan prolongations, between when they consist of a thick fleshy subbalarum, show, with polatoe; bulbons, when they consist at a built or fining body, provided with several costs, so the coston or the liby ; grandual, when they have a cluster of title balls, is in the saxifrage | cresping, when they have a Recitantal prolongation of the nest growing under the earth, and making firth new plants of its kind, as

The store is the preferngation of the plant show the uni, proceeding from the rest. The world show of trees in the trunk , that which is becomes in the stalk, and beHE CO'T

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the or flower stalk ; tent which bears the traf only is the petiole, or torostalk.

The buil is that part of the plant which contains the embryo of the leaves, flowers, &c., and server as their hybermanilus, or winter receptable. The had is guarded by winner receptable. The had is guarded by scales, and formabled with gum, or wo, I, se an additional defence. The mass bus is a round is a long is a body, proceeding from the motion plant, and becoming their a new one; the gaugins is a knot belong ing to the seaword, which fails off on the death of the mether plant, and because a

The less in the furbaceous g from the assenting stem; when the stalk and leaf are so intimately cornected that they cannot be destinguished, this is called a freed, as in the pulses and the sign. The the leaf belong several oppointages, which serve either for ornament or some specific use, as the bracker, or floral had, that stands near or between the flowers, forming a luft, as in the pineapple; the stiputa, a small less that appears on the stem, in the place of a freehealk; the sheath, a prolongstion of the leaf that rolls itself round the stem, as in grasses; the ascidium, or bottle, a followness tylindratal bottlew tody, which is generally furnished with a cases, and contains water; the ampulla or stadder, a round bottom body at the roots of water plants; the gland, a round hody situated on the lower, which serves us an organ of respiration; the spine, or thorn, that runs to the interior of the plant, as in the sine; the acuseus, or prickle, that issues from the lack; the cirous shaper, or mairle, a fillform body which serves to support, weak plants, as in the vine, &c.; the arms, or awn, a pointed sexted in grasses, the pill, hairs, fine clouder bodies, which include all kinds of pubescence, as brittles, wood, i.e. some of which distincts a poleon, as in the

The inflorescence is the caule of floresc ing, which differs very much in different plants, and is distinguished into verticultus, the whort, which connects of several flowers. standing at intervals, surrounding the more. as in the mint; the recomes, the recent a pedancle with short lateral branches, in tange only to be smoothing plants; but the polarization of which are in insightered on to stalk of glosses, radios, and should plants, be of equal beight with the upper, when to refer to the control prints, be of each limit with the upper bear to refer to the refer to th

tized by GOOGE



BOTANY.

eve the purpose of transpiration; the mphatics, which are reticularly united; cellular texture, a delicate me cunding all the vessels, and con ounding all the vessels, and containing sinous juice, as in the fir tribe, and a my juice in fruit trees; the glands,

gummy juice in fruit trees; the glands, which serve as secretory vessels. The principal chymical constituents of plants are carbon, hydrogen, and oxygen, sut chiefly the former, besides which asone, sulphur, and other simple substances, may be found in small quantities. The princi-lal compound substances which four but il compound substances which form the asible ingredients of plants are, the acids, acilage, sugar, starch, albumen, glufen, acident solution of way resin camphor d volatile oil, wax, resin, cample 0

The principal diseases to which plants are incident are, fissures, or a separation of the solids into long clefts, arising from of the solids into long clefts, 'arising from an extreme failcose of julice's premature defidiation, when the leaves fill tof before the small period; inhige mideway, a whitth mucliagiaous coating of the leaves of plants, which canness their decay; rubige, rest which appears on the leaves and steems of many plants; epen, leproxy, which atfects the trush; gallet, pulle, the properties of the plants which appears on the leaves and steems have been compared to the properties of the properties of

of cultivating plants both for pleasure and utility was coeval with the first formation utility was covary with the first formation of man, it is natural to suppose that the science of botany was one of the earliest studies which engaged the attention of inquirers. Aristotle, in his history of animals, has many remarks on plants, drawing a comparison between their mode of g a comparison between their mode of rowth and that of animals, and pointing at in what animal and vegetable life agree and in what they differ. His disciple, heophrastes, has devoted a whole work wourite subject, and has not only the distinctions between trees. lifferent parts of plan leaf, and fruit; show uit; showing their diver-i, colour, mode of growth, sting particulars, which by giving the names of hundred different plants, ha has illustrated by giving the names of not less than five hundred different plants, by way of example. Except the descriptions or allusions of the posts to favorate plants, there is nothing further to be found on the subject of bodany until the time of the Roman. Virgil, in his Georgica, spenks of the uses and cultare of several plants connected with hunbandry. Pilny, in his Ritter History, observing the contraction of the contraction with the contraction with the

67 places where they were indige tonins Must describes the vir plant betony. Columella treats of pl an agricultural point of view. Diose Galen, Ombasiris, Paulus Æzensts Artius have described the medici tues of plants much at large.
writers the subject of betany
have been almost forgotten, than it was pursued by the Arabians in conjunction with the science of medicine in Europe, at least, we find that it was altogether neglected until the sixteenth In Europe, at least, we find that it was from the form the the acids, form the the acids, form the the acids, and the acids of the acid

Logdoni; Valitati, in me someone.

islence; beided Fuchelus, Methious, Dodonous, Canneratus, Berghies, Rheedius,
Lencardius, Berghies, Rheedius,
Casalpinus, in the attitemth century,
was the first who properly systematized
botany. He formed fiften classes from
the fruit and the situation of the corrulans,
lince his time many systems have been
lince his classes from the foundation of his system. Cannellus framed a
system from the valves of the capsule,
calling his classes perfectivits fore, sufcoolis, siviling the plants into force regulares, composite, and irregulares, and
howe sum in the monoportal, idpetall, &c. these again into monopetali, dipetali, &c. Haller formed a natural system from the Haller formed a natural system from the cotyledons, the calys, the cards, the stamins, and the sexes of the plants; but the system must generally adopted before the time of Linneus was that of Tournefort. He divided plants into herbs et suffruitees, arrores et fruitees, and these again into herbs floribus monopetalis,

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The principal a



BRIDGE. A military term, for any ostrivance by which soldiers can cross a iver, as a bridge of boats, formed by outs joined sideways, and covered with

BRIDGE. The name of several th BRIDGE. The name of soveral things similar is figure to a bridge, as the bridge of the nose, the gristle which parts the nostrile; the bridge in a violin, &c. the perpendicular arch which supports the strings; the bridge, among Gunners, is the same for the two pieces of timber which go between the transmus of a gun carriage which the barrets.

o between the transums of a gun carriage a which the bed rests. BRIDLE. A part of the furniture of a ones head, which serves to guide the aimsl. The principal parts are the bits, r smalls, which goes into the horse's nouth; the curb, or chain of iron, that

all, or leather that goes rounn une seems, in sfilet, that lies over the forebead; the broathand, that goes under the throat; and he reiss, which sorve for the rider.

BRIEF (in Law). An abridgment of a fient's case, made out for the instruction of counsel on a first at law; also a license m England to make collections for repairin England to make collections for ing charches, losses by fire, &c. The sort of brides in sow abolished by star BRIEF (in Masic). A measure of tity, which contains two strokes de beating time, and as

tity, which contains two strukes down in beating time, and as many up. RRIG. A small merchant's vessel with two mests. BRIGADE. A military term, for a party or division of soldiers, whether horse

BRIGANTINE.



BRIMSTONE. The vulgar name

alphur.

BRINK. Water impregnated with east.

BRISKET. That part of the breast of a sairant that lies nearest the ris.

BRISTLE. The hair of swine, which is such used by brushmakers, particularly better the part of from Runsig.

that imported from Russia.

BRISTOL HOT WA
waters of the lowest temper WATER. Mis

England, the constituent parts of which are

England, the constituent parts of which are carbonic acid, gas, lime, and magnesses besides the muriatic and vitriolic acids.

BRITANNIA. The name given by the Romans to the island of Britain, which is represented on their medals under the digure of a female resting her left arm on a shield. Also a species of ware made of block tin

slock tin.

BROADSIDE. A sea term, for a dis-harge of all the guns on one side of a ship BROADSWORD. A sword with a road blade, chiefly designed for cutting. BROCADE. A kind of stuff or cloth of

gold.

BROCOLI. An Italian plant of the castificture kind.

BROCOLI. An Italian plant of the castificture kind.

BROCOLE. A defective pronunciation of a language, particularly applied to light manager of speaking Brailleinh.

BROKEN LETTER. A term in Printing for the beating the ordering succession in which the letters stood in a line or page, and mingling them together.

BROKER. One who concludes bargains or contracts for merchants, as exchange

DECORDER OF WHO CONCERNED BAYGAINS
OF CONTRACTS for merchants, as exchange
brokers, ship brokers, &c.
BROKERAGE. What is paid to a broker
for his trouble.

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BUL

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of which is called cow; is cut he is called an ox-



BULL. A brief or mandate issued by the Pope, and seeled with the bulls, a sudien or gold seal.

BULL-DOG. A dog of true English bred, so called from his property of statecking the bull, whence he was formerly used in the cruel sport of builtaining.

BULLETT. A name for the leaden bulls with which small fire arms are loaded.

BULLETIN. In Europe an owner of policy terms of policy terms of the count of policy terms of the times.

count of public tran neral interest, as the state of the king's

general interest, as the state of the health, &c.

BULLFINCH. A small European bird
of a claereous colour, having its head and
wings black, and coverts of the tail white.
It is easily tamed, and may be taught to





ing of an ox.

BULLFIGHT. A cruel sport in Spain

and Portugal, where wild bulls

ountered by men on horseback.
BULL-HEAD. A sort of fish, having its
end much broader than its body.
BULLION. Gold or silver in the mass,

before it is wrought into coin.
BULL'S EYE. A mark in the shape of a bull's eye, at which archers shoot by way

BULL-TROUT. A sort of salmon al

BULL-TROUT. A sort of salmon shows two feet in length.

BUM-BOAT. A sort of wherry used about harbours, to carry provisions, &c. for sale, to salip lying at a distance.

For sale, to salip lying at a distance.

For sale, to salip lying at a distance.

For sale, to sale the sale to sort of sale forms of the sale forms of words of word or conf. It is also a piece of wood or corch frastened by a chairs, serving to point out dangerous places in or serving to point out dang near a harbour.



BUPHAGA, or BESPEATER BUTHAGA, or BERTHATER. A sort of bird of the order pices, found in Africa. It is so called became it alights on the backs of cattle, and picks holes in them to get at the larve of the gad-fly, on which

BUPRESTIS. An insect of the coler terous order, remarkable for the brillian of its colours, which emulate the polish

of its colours, which emulate the poishs of the finest metals. BURDEN (a Sea Term). Whatever can be stowed in a bold, or the aumber of tons which it can carry. Beaute of the state of cities or boroughs held their lands of the state of the

town.

BURGLARY (in Law,. The breaking and entering the dwelling of another in the night, with the intent to commit some falony, whether the felonious intent be put in exaction or not.

BURGUNDY PITCH. The judge of the





suimal, next in the tail : also a sea term for that part of a ship which forms her breadth, right estern from the tuck up-

BUTTON, Any thing in a round fame which served in fasters, particularly wehal is used in garancie; also a part of the cascaled in a gun or howitzer, which is in-the form of a button.

BUTTRESS. A kind of butroons, leads archwise, serving to appears a building or

wall, BUZZARD, A very singular lated of the have hind. The Turkey Buzzard known in the optimen page of the latest and latest a species of (1900a). (Assume that the latest and latest a species of (1900a).) (Assume particular plane or justicilization assume particular plane or justicilization).

ds, which is kittle, and maring the w, sticks there on thorns



CAL

C.

C, the third letter and second consonant of the alphabet; as a numeral, C stands for 100, and CC for 200, &c.; in Music, it is the highest part in the thorough base; as as Aberviation it stands for Christ, as A. C. Anno Christi, or ante Christum; also far Companion, as C. B. Companion of the Nath

CAABA. An Arabic term for the house of God, a part of the temple of Mahomet in

CABALA. A traditional or mysteric UABALA. A traditional of mysicrious strine among the nucleut Jews, which ey say was delivered by word of mouth Moses, and by him to the fathers, smong Christians, the cabala is an abuse certain passages of Scripture for magical

CABBAGE TREE. A tree of the Cape of Good Hope, so called from the resemblance which its leaves bear, to those of

he cabbage plant. CABIN. The apartment in a ve

CABIN. The spartment in a vesses low the officers and superior passengers. CABINET. In England, the closet or private room in the king's palace, where councils are held; also the ministers of the king, who are summoned to attend sur-councils. In the United States, the term is applied to the four secretaries and the at

erney general at Washington, const ellors of the President. CABLE. A sea term for a strong re

rhich serves to keep a ship at anchor.
CABLE'S LENGTH. The measure 190 Outhouse

130 fathoms.

CACOSTRES. An ill habit or propensity; as the cacoethes scribendi, an itch for asthership.

CACOPHONY. A bad tone of the voice, proceeding from the ill disposition of the

organs.

CADENCE (in Grammar). The fall of
the voice; also the flow of verses or periods; in Music, it is a pause or suspension
at the end of as air, resembling points or
virgules in prose; in Dancing, cadence is
used when the steps follow the notes and
measures of the music; in the Manage the
reddence is the measure or presention observidence is the measure or proportion obser-ed by a horse in all his motions, when he

thoroughly managed.

CADET. One who is trained up for the army by a course of military discipline; such as the cadets at the military college

CADETSHIP. The commissi

to a cadet, to enter the East India Company's service in Engiand.
CADI. A magistrate, or sort of justice of the peace, among the darabs and Turks.
CADMIA. A sort of mineral among the ancients, now called cobalt.

CADUCEUS. A name for Mercury's rod or aceptre, which on medals is an emblem of peace. It was turned to pre It was carried by the Ro-



CÆSAR. A title or name given to the twelve emperors of Rome, who succeeded Julius Car

Julius Cessar.

CAGMAG. Old goese are so called, which are sent up to the London market for sale

for sale.

CAIRNS. Heaps of stones in a conical form, which are frequently to be met with in Recdand and Wales.

CAIRSt. A woodeh cheet filled with bombs or powder, and buried under some work to blow it up; also the frame used in laying the foundations of a bridge.

CALAMANCO. A kind of woollen stuff manufactured in England and Brabant. It has a fine gloss, and is chequered in the

CALAMARIÆ. The third natural order of plants in the Linnman system, contain-ing the reeds resembling grasses. CALAMINARIS, or Laris CALAMINA

nis. The calamine stone, or oxyde of zinc among the chymists; a kind of bituminous fossile earth, which, when mixed with

copper, produces brass.
CALCAREOUS. The third order of the class earths in the system of Gmelin, consisting of chalk, limestone, spar, gypsum,

marble, mari.

CALCINATION. The solution of a mixed body by the means of heat or any corroding substance, as mercury, aquaforite, &c., whereby it is reduced to powder. The body so reduced was named a calx, in common language a cinder, and in chysistry an oxide.

GALCIII APPLICATION.

CALCULATION. The act of computing



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CAM

ia. The Amusia species is generally and in the warmer parts of Asia and Af-



OAMELOPALU or Grasers. A re-magnative nature bread only in the middle-less of all minutes, being short 27 feet. It is the search of the search of the search sign. It fields our the tops of freeze. It is the very timels but informally, being natural-ed, by timeling. "Disceptable of prottine and the large of the tength of TI of the tength of the tength of TI of the time line should be search of the reduced at the pairs of the tength of TI of the large of the tength of TI of the reduced at the pairs of the tength of TI of the tength of the large of the tength of the tength of the large of the tength of TI of the tength of the large of the tength of the tength of the tength of the large of the tength of the tength of the tength of the large of the tength of the tength of the tength of the large of the tength of tength of the tength of the tength of the tength of tength CAMELOPARD OF GIBAPPE



OAMEO. A nest of only seems, Inviting success figures upon it is in Features (Tossay, a nest of particula ment.

"IAMEGA LIGHTA. An optional instrument increased by the Honde of the purpose of unking the tosage of any object.

EAN

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ts of santral speed on the wall in a light room, either is generally by day or night. This name has since teen Asia and Afon, for drawing objects in true per

CAMERA OBSCURA. An opucal me character than the Anopular misers artificial sys, by which the hunges of external objects, received through a double convex glass, are shown distinctly, and in their



CAMLET. A sort of staff originally made of casuel's feat and silk mixed, but now of wood and silk.

CAMP. The spot of ground where an

CAMP. The spot of ground where an army rests and interorbes itself. CAMPAIGN. The space of time during which an army is kept in the field. CAMPASACEAL. One of Linnaus's natural order of flowers, including those that are built-shaped, as the campanaita, convicting, and

volvalus, &c.

CAMPANULA, or Bett. Flowers. A
surt of plants, unsetly perennials, and hearing a bell-shaped flower.

CANPIOR. A white concrets crystal-

ing a bell-shaped flower.

CANPHOR. A white concrets crystal-time substance, of an acrid bitter taste, and a penetrating smell. It was fermedy sup-posed to be a resul which was protured from a zers, usual like a walust toos, proving in Roman, and thence sained the conclusions. proving as Serino, and thence cannot the campion tree; but modern chymists con-sider it to be a peculiar substance not to be closued either with the alle or the resista-It is produced from the velatile all of saveral plants, as resemery, sage, invender,

CAN. A drinking vessel; particularly

CAN. A drinking vessel, particularly Bost used by subbre. CANAL: An artificial river, provided with leake and shirter, and sentained of Banks and summeds. CANALY BILD. A singing bits of a greenish subory, forwardy hand in the Cent-ties, and towhere skin. Those little are convenient and an united of kirrage and Amelica. now hand in all parts of Europe and America

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CAR

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CARDINAL. A dignitary in the Rossiste Church, and one of its right governors, of which there are sevently to number. They constitute a nottege, by and from whom

CARDINAL POINTS. The four pai or divisions of the horizon, namely, the

moth, south, and, and west.

UARDINAL'S CAP, or Cambrai.

Fromes. A plant or called because its
flower, by the interse reduces of its calcur. me to emiliate the scarlet cap of a car-

CARDINAL'S CAP, or HAT. A cap or hat of a peculiar form, which is we



CARDINAL VIETUES. The four virtues of prudence, temperance, justice, and

CARDS. Proces of parteboard of an obline figure, and different sizes, made into packs of 22 in number, and used by way of numerous in different games. They are painted with various figures, namely, hearts, spaces, thurmonly, chile, and kings and queens. They are end in have been introduced in the faurteenth contary, to divert Charles VI, king of France, who had fallen into a state of metancinity. By the luxure, course, were meant the game de abount, chairmen or cerlminator, instead of which the Spaniard ose chailers. The species in Spanish capasubility, who were awards or pites. The of ellisens or merchants. The prefic, tre-Ball leaf or clover grows, won up emblero of the fundamentary , this is extend clobs with the the content of the Paper of the States, claim on their sards, The Knaves represent the servator of the knaves represent the servator of the knaves. The fear kings were intended for David, Alexander, Carrier intended for David, Alexander intended fo were intensities for Devel, Australier, Ca-etz, and Charlesmagne, who embelded the feet great measurefules of the Jews, Greeke, Homore, and Frishler. The four quasars were suppressed to represent Argins, i. s., region, the queen by decount, Enther, Jo-man, the queen by decount, Enther, Jo-

OARDIAC's Medicines that tend to for making cards were exactly the three which were aboutly afterwards used in the making of horizo CARLENING, The heaving a ship on

one side, for the purpose of chearing or cutting the other side.

CARGO (in Commerce). The marchanding mi effects that are initen on board a ship. CARICATURE (From the Italian Carlobjects, so us to make them appear ridion-

CARTES. A disease of the busines a kind

CARINA. A best | the rome given | Libraries to the lower namery parts of a pupillermosous or butterfly shaped flower, as the pear, which mountains the best of a

chip in its simps. CARLANE THISTLE. A prant of the thistic kind, which is some

CARLINGS. Short pieces of thater which serve to support and strangthen the larger bearing in a strip-

CARMAN, One who is employed in earrying goods from the wharfs to the merchant's warehouses.

CARMELITES. An order of munks mel CARMINATIVES. Medicines which

CARMINE. A from or powder of a

deup red colour, procured from eachinest, and used for printing in eminiture.

CAKNATION. A heartiful sort of clove pink, having its leright colours equally marked all over the flowers.

CARNATION (to Painting). The fieah

CARNIVAL, or CARNAVAL CARNIVAL, or CARNAVAL. A season of mirch and firstivity, particularly observed by the Italians and generally by Catholice from Twelfth Day until Lent.
CARNIVOROUS. An epithet oppiled

to unimals that find on firsh.

CAROTIDS. Two arteries in the neck, which convey the blood from the norta to

CARP. A fresh-water fielt fixed for stocking pands, as it spawns those times a

CARPENTER'S RULE. A tool gon rally used in taking dimensions, and cast-ing up the contents of timber and the artif-

in the state of th



CAR

CARPET. A sort of stuff wrought out with the headle or the loom, and used as a covering for the floor. Presion and Turk-th carpets are most in extern. CARRIAGE. In general, a vehicle for

tarrying goods and persons; in Gunnery, the machine upon which the gun is mostif-ed; to Carpentry, the frame of timber-work which supports the steps of wooden stairs. CARRIERS. All pursuan carrying guests or hire; also a sort of pigeons that are used in conveying letters to a distance.

CARROT. A finely root, rultivated as

den vegetable, CART. A small carriage with two

CART. A small curriage with two
whose, seed to hostonically.
CART-HORSE. An infector kiled of
horse, used in basicandey.
CARTE BLANCHE. A blank paper,
cartered in a pursuit to fee filled up as he
pleases; applied green-rily lut the ususe of

alimited terms granted to a person.

CARTEL. An agreement between two states at war for the exchange of prison-

CARTILAGE. A part of the animal body, burder and drier than a ligament, and order than a hone; its use is to render carriedation of the bottes more only.

having cartilegiouse instead of buny skele

CARTOON. A design made on strong paper, to be afterwards calked through, and transferred to the fresh plaster of a wall to be painted in frozen, such as the funesa cartesias of Rapicaci now in the paixes of Hampton Court, England. CARTOUCH. A case of wood holding about flow hundred mucket tells, besides

bron balls, from six to ten, to lin fired out of o howmen

CARTOCCHES. Blocks or modificant and in the carnings of welconsisted apart. sounds i absoornaments representing a scruft CARTRIDGE. A race of paper or par-

must filled with guspowder, and used to the charging of guns. CARVING. The art of rutting want

into various firms and figures.

CABVATORIS (in Accistectors). A sort of enducator or pilling shaped title the hodica of women, and in the dress of the Curron people. They stree intended to Ciurios people. represent the Carine women who were to-

two saptives by the Athenia CARYOPHYLLEAS. A natural police CAS-

try differs from joining only innamuch as of plants, commining of such as have plant, the work is convert, larger, and not so like flowers.

CASE. Any unusule revering which serves to conclude a thing entirely, as pucking cases or hards came ; in Corporatey, the case of a door is the wooden fram which it is imng , in Printing, it is a fraces of wood, with numerous a for the letters.

CASE (in Grammer). An accident of terminations

CASK-HARDEXING. A method of preparing iton, so as to render its outer surface bard, and capable of resisting any edged tool.

CASE KNIFE. A large kitchen-knife. CASEMENT. A window that opens on

CASE-SHOT. Musket balls, stones, old tron, &c. put into cases and shot out of real gues. CASH. Boody money, distinguished

from tota.

CASHEW CURASSOW. A hird about
the size of a hen turkey found in Jurnatica
and the northern parts of South America. (See Course

(See Cusasow.)
CASHEW-NUT. The fruit of the cas-hew, that almost in Jamaica and Barrag-doss. From this nut is expressed a judge that is made into a pleasant wine.



CARHDER CARHIEL. The keeper of the cash or

CARRIERS OF THE BANK Officers of the limb who sign the notice that are into bommi

CASHIERINO, A dishonousuble dis mined of an officer of saldier from the CAMINERY ADMINISTRATIONS



CAS

CAT

ciesh, and couly shawls manufactured there from the want of a species of gent of to Thillet.

CASSAVI. An American tree, hearing a best-simped flower. Its root, when drie and ground to floor, was converted inte-brend by the original ininhitunts.

CASSIA FISTULA, or Promise Fire Taxe. A very targetree, a sative of Al-szandria and the West Indies, which learn a long cylindrical tapes or flat pod, divided into many sails, to each of which is a hard end ludged in a clammy black substance, which is pargutive, and is known is medi-

CASSIOPEIA. A marthern c

CASIQUE, or CAUIQUE. A sove-esign ford among the section Americans. CASSOWARY. A vestment worn by ther-gruen under their goves. CASSOWARY. A large hird of the os-trick kind, Bund only in Jarys, and the Asiatic Islands. It is second in uze only

to the Osteich

CAST. The name of figures or small crause in broads. CASTE. The name of different tribes in Handoustan, of which the Brahadne is the most subte. The second is that of the soldiers, the third, that of merchants and husbandmen, the fourth that of laborers in

calcus employments.
CASTING (among Sculptors). The
taking of casts or impressions of figures,
loots, &c.; in a foundary, the running of metals into any mould prepared for

CASTLE. A fortress or place rendered defensible by mature and art. Castles, be-ing an emblum of grandwor, are frequently orne in couts of a



The less to it iver ed from the even by means of easting.

TASTOR. A sett, graphs yellow substance found in the bags of the heaver CAST BON.

which gives name to a valuable kind of near its groin. In a warm air, the casting cloth, and couly shawls manufactured grows by degrees hard, brittle, and of a

dark colour. CAT. A well known anjoint nearly altied to the tiper, is either domestic or wild. The wild or mountain cat, is borne in scale of arms as no emblem of liberty, vigilance,

of arms as an emission in the series, shared and forecast.

The animals of the cat family known in North America, are the Congat, valgarly called Panister; the wild cat, or ratemount, an animal three times the size of the department of the series of the department of the series of the series. mester cut, and having a short tail; and the Lynn. The domestic cut is a tame variety of the European cut. It is not a native of



DAT. A ma term for a ship usual or atrong tackle for drawing also a sort of strong tackle for drawing up the sa-cher; also a military term for a kind of shed under which coldiers conceal them selves while filling up a citch or mining a wall

CATACOMES, Grottees ers cos piarres for the burial of the dead, fre-questly found in Egypt and in Italy, CATALOGUE, A list of books or any

other matters, arranged in order, for purof state or reference.

CATAMARAN. A sort of fleating raft originally ment in China as a fishing

CATABACT. A high, steep place or precipics in the channel of a river, caused by rocks or other obstacles stopping the course of the stream. Ningara is the most stapendous cataract in the world. Also a supendous interest in the world. Also & disease in the eye, arising from sittle film or speck, which swimming in the aquecua humour, and geiting before the papel, caus-es a dimness of sight or biredness.

CATARRE. A defluxion from the head examined by cold.

CAT HIRD. A hird commun in the lini-ied States of a binsible gray colour which makes a nuise very strain for the moving of a six. It is a pretty good singer; its ong strainties of initiations of the nuise of other birds.

GAT CALL, A hareh sort of pipe, imi beling the nature of a cut.

Digitized by GOOGIC



CEN

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CAUL. A montrare in the abdomen BIER serves to cover the intrattness.

tidage, with a seeded bond.

UAUSEWAY, or CAUSEY, A path alsed above the level of the ground, and

paved with clotted or graved.

DAUSTIC CURVE. A corre formed by the concentres or noincidence of the pays of light, reflected or refructed from

CAUSTICS. Medicines which, when applied to may part of the body, hurn it

to a hard count CAUTERY, Any burning application CAYENNE PEPPER. A powder pre pured from the peds of several species of the experimen, which originally came from Cayenne, but is now brought from both

the findless CAYMAN. The American alligator. U.S. In England, Campunion of the Bath. U. C. Cains College C. C. C. C. Corpus

Chefut Callege CEDAR. A well known evergreen, very the the juniper in appearance, which de-lights in old mountainous places. The leaves are much marrower than those of the pine tree, and the count are presuced in large cases. The most conducted species is that of Labaneu, which is also found in flores and retrick is introduced by transacting into various parts of Europe and

OFFILING. The inside of the roof or top of an spartment, in distinction from the sorter of a floor.

OELENY. A sort of paneley much used

CHLESTIAL GLODE. An artificial representation of the honvens.

CELL. The spartment or chamber of a A place, tomeronly CELLAR.

CELLS (in Amstary). Bags or histoirer, CELLS (in Amstary). Bags or histoirer, where faults are helped; in Helany, the partitions in the heaks or pads of plants

other the scale are ledged.

CELULIAR MENIURANE. One of
the large in membranes in the human besty,
of a resembra testure, fixed for heiding the

CEMENT. A compound of sitch, histo-finet, planter of Paris, &c., wood by charers and other artifluous for making Hody work

CEMPULES. A repository for the dead. CEMPULE. A magnificate among the Ro-man, who caloud and taxed once venture. and also purcished may arts of lummorality.

CENSORS. In motors times, per of learning appointed to examine at books before they go to press, and to see that they contain nothing contrary to good mornin

This is confined to despetic countries. for commun, a hondred, as five per coul.; that is, five pounds interest, discount, or upon every hundred

CENTAURUS. One of the kery right of constellations in the sentiorn homi-

CENTRE. The middle point of saything, espacially of a circle or sphere. CENTRE-BIT. A carpenter's tool, which makes a cylindrical excavation by turning



CENTRE OF GRAVITY. That point about which all the pures of a hedy in may situation belongs such other.

CENTRIFUGAL. An epithet for that force which causes a body revolving about a centre, or about another body, to recede from It.

CENTRIPETAL. An epithel for that force which causes all hodies to tend to-

wards some point as a centra.

CENTURION. A military officer unoung
the Bonson, who had the remested of a
hendred men.

CERES (in the Heathen Mythology). The daughter of Sature and Vesta, and



puddens of personal frates. She first taught GOOG





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CHAMBER OF A MINE. The place of here the person of the person of the conflord, that is to be wing up the works.

med for blowing up the works.
CHAMBERLAIN (in England). An officer who has the care of any perticular character or place, as the Lord Great Chamberlain of England, a great efficer of state, to whom belongs the government of the of London, who receives the rents of the city, and deposits them in the chamber or treasury of London.

UHAMBERS (in England). Rooms or apartments belonging to the inns of court ; to Anatomy, two spaces between the crys-taline ions and the corners of the eye, di-

d off by the iris. CHAMELEON. See CHARALEO. CHAMOIS, or, The WILD GOLT, which et, round, and smooth.



CHAMOMILE. An educiferous plant, which has a very litter taste, but many

CHAMPAGNE. A fine French wine, on called from Changagne, a former pro

CHAMPION (in Law). The or

who undertees to fight in the trial by but-led, formerly in use in England. CHANCE MEDLEV (in Law). The accidental killing of a man, not without the finds of the killer, but without any evil

CHANCEL. That part of a church between the after and communion table, and the rails or injustrate by which it is en-cioused. This applies perticularly to Cath-

one, and Epimopal Churchen. CHANCELLOR (in England). cer of state, known by the title of the Lord High Chancellor of England, and the chief person matt to the sovereign in the admin-termition of justime; the Chametter of the Exchanges to an officer when he the principal conveyment of the king's revision.

The term is applied to the first judge of the Principal Control of the stage of the Principal Control of the stage of New York.

CHANCERY, The CHERT OF (IN Enghand). The highest court of judicators in the resire such to the Parliament. The Lord Cleanordler presides in this court; and is anditted by the Vice-chanceller, the Master of the Rolls, the Masters in Chus-

cery, &c.
CHANCES, Document or. A branch
of modern mathematics, which issues of
the probabilities of certain events taking

CHANNEL. The estable or deep CHANNEL. The minim or overest part of any sea; also a strait or narrow sea between two lands, as St. George's Chan hel, between Great Britain and Ireland, and the British or English Channel, propsriy ralled the Channel, between En

CHANTEY. A chapel anciently july to some esthedral or purish, where many used to be said daily for the saids of the

CHAOS. A dark and rude mass of

matter, out of which the heathen philoso-phiers supposed the world was farmed. CHAPEL. In Beglund, a smaller kind of church, which, being lealt for the con-venience of the parish church, is denomi-

CHAPERON. A head or cop, partiesgart

CHAPLAIN. In England, originally signified one who performed divine service righthed one was performed usual environ-in a chapel, but now more consumaly one who attends upon the king, or other person of quality, for the performance of his cleri-cal duties in the family. The term is also applied to the clergyman attached to the BAN OF BERIN

CHAPLET. A wreath or garland worn about the head. Chaplets are home in coats of arms, as traphics or costing of

military prowess.

CHAPTER. A body of the clergy belonging to-a cathodral, collegiste, or conventral church; also the plans of their in England.

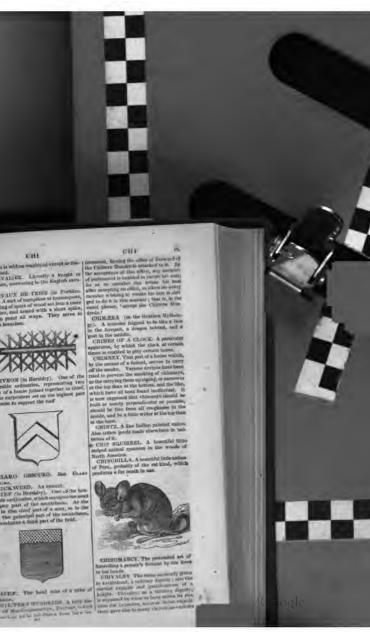
CHARACTER. Any mark which serve as a sign to denote some particular object, as the astronomical characters, mathemati end characters, &c.

CHARADE, A cost of riddle, the side

CHARCOAL. The substance from wo alf burnt, which is much used in the

orange of grapowier.
ORARDS OF ARTHOROGES. The loaves of artichisks plants bound in suretill they have part of their hitterness, and

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and feats of arms; but it is evident that
its origin may be traned much higher, to
the northern extens who settled in Surape
on the darline of the Roman empty,
whose markin helits and ramper led them
to make valuer and provess, the only
success of housers and duration.

CHIVES. A sort of small onlines. CHI.OHIVES. A gaseous body of a green yellow colour. CHI.OHITES, A kind of green jasper,

almost as polincid as the course one-

CHOCOLATE (in Commune). A kind of gaste, prepared chiefly from the coose and, with a mixture of other ingredients. CHOCOLATE THEOLA species of the coose free, from the fruit of which the shocolate is prepared.

CHOIR. That part of a cathedral where the service is performed.

CHOKEDAMP (in Mining). The notions air occasionally found at the buttons of mines.

CHOKEPEAR. A very rough instead page. CHOLERA MORBUS. A disease consisting of a visident perturbation in the

sisting of a wisdom permination in the belly, accompanied with a discharge of bite upwards and developed. CHORD (in Geometry). A right line, drawn from our part of no are of a circle

in another.

CHORDS (in Masis) Strings, by the vibration of which the sensation of smand in control.

CHOROGRAPHY. A part of geography, which treats of the description of particular countries.

CHORUS. A company of persons all singing in concert. CHRISM. An unction or amounting of

entitions, which was hormore practised as soon so they were liure. CHRIST, Which properly significa against it is the name of the ever blessed Redessors of the world.

CHETENDOM, The whole Christian world.
CHRISTENING, The percenary of

CHREATENIOU. The careanny of admitting a person that the communion of the Christian church, by means of baption, or sprinking with water. It is a term perturbarly applied to infant baption.

on. CHRISTIAN. One who professes the Bristian milgion.

CHRISTMAS. A feetival observed in the Christian ratural, in the twenty fifth of December, to commonoration of our Parismr's rativity. CHROMA A soft kind of roune

CHR CHROMATICS, That part of option

which eaps

CHRONICAL. An epithet for discusses.

CHEONICAL. An epithet for Birmann of tong duration.

of the control of the section when the control of t

the purposes of history. CHRONOLOGY, Hoross or. nology, as regards the natural divisions of time, was doubtless conval with the quartiess for we learn from the enered historian than the work of creation was performed within the period of a work, or seven days, who more this division was observed by the Hebrews, and from them transmitted to the Egyptians and other nations. But the Perstans are said to have been ignorant of such a The Greeks had weeks of ten days, and the Romans weeks of eight days It is evident from the names of the days of the week among most European nations, that we derive this division from the an cient Cells or Scythians, who, to all prothe delage, borrowed this patriarcial mode of measuring time. The year is that divimotions of the ran, being that period of time in which the sun passes through the signs of the notice. This division was signs of the action. This division was doubtless formed at the time that garme nomical observations were first made , but the Egyptians are the first people on record who formed this division, which they unde to renaist of 300 days, and substitution turn 12 months of 30 days each , to those Twismegistus is said to have added five mes days. The ancient lewish year was the same as the Egyptian; but on their departure from Egypt they salopeed the lamor year, consisting of 30 days and 21 days alternately, and in order to make a agree with the adaryour, they sometimes udded with the solar pair, they sometimes unfided in I are 20 days at the soul of the prove, and sometimes a whole month either a certain variable of general. The Greek dates week. A common of general control of the contro





















nd birth between persons descended from the same common stock CONSCRIPT PATHERS. An appel-

tation for the Linnan senators, so called because they were carrilled from the equestrino peder Into the list of senators, CONSCRIPTS. Becaute in the French

CONSEQUENCE. That which follows from any principle by way of inference; among higicians, the last part or propesition of an argument, in distinction for the encecedents, being comething gathered from a preceding atpriment.

CONSEQUENT (in Geometry). The atter of two terms of proportion, in distisction from the former, or antecedent.

CONSIGNMENT. The mading or de-Reserve over of goods to another person. CONSISTORY, or CONSISTORY COURT. In England, the session or an-

sensity of ecclesiastical persons held by the bishop or his el CONSONANCE (in Music). An agre ment of two mounds.

CONSONANT (in Gra which cannot be sounded by itself without the beip of a vowel; in Music, an epithet for that interval which produces consonant

CONSTABLE A civil officer, ancie of great dignity, as the ford high constable of England, and also the constables or keep are of courtor, &c.; now an inferior officer

CONFIGLIATION. An assemblings of and stars, Imagined to repor are or other oldest, as a be

a member of parliament. The term of applied to years in the United States CONSTITUENTS (in Physics).

CONSTITUTION (in Law). Property, any form of government regularly counti-tuted; in a particular sense, the mixed and popular form of government in linguant, cannicting of king, lords, and comments, or station of the United States.

CONSTITUTION (in Civil Law). A law made by some king or emperor; and in the canon law, the same as an annimal astioni inw or can

CONSTITUTION (in Medicine). The temperature of the whole body, arming from the quality and properties of the paris. CONSUL. A chief ungistmin among the Romans, of which there were two that were elected every year.

CONSUL. An afficer commissioned by government, to reside in foreign course tries of any reconsiderable trade, to facilitate and desputch business and probest the

CONSUMPTION. The wasting and disor of the body by disease.

CONTEMPT (in Law). A disobestissace

CONTINENT. The main land, as one hed from the sea. CONTORTAL One of Linnson named

edors, inch wisted petal including plants with a single CONTOUR. The outline of a figure

CONTRABAND GOODS. Goess pro-CONTRACT. A coremula or ogr ween two or more presum, with a lawful monalderation or command of C













CUL

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CHIEF (in Formetry). A regular solid - for a criminal affence. It is as much us bedy, respond to be prescribed by the its say, to French, compette part, found on motion and super-plane times it line equal motion and perpendicular to one of the video. It is noticed by a size regular video or faces, of several positions, and personal production of the control of the video of the video. It is noticed by a size regular video or faces, of several positions, control when prelied, and the video of the which are square, as in the annexed figure. A die is a small cube



CUBE (in Arithmetic). The third p. of any number, produced by multiplying the number into itself, and then again into the product, as 3×3=9×3=27, the cabe. CURE ROOT. The side of a cube number; thus I is the cube root of 27.

CUBIT. A measure equal to

CECKOO. A bird which is heard about the middle of April, and ceases to sing at the end of July. It deposits its eggs in the nests of other birds, generally in that of the hedgesparrow. The American Cuc-hoo differs in its note from the European hird of that name It is also smaller in



CUCKOO-SPITTLE. A white froth or epums, vary common on the lavender and usher plants in the spring, which forms the

of a sort of clouds CUCURBITACEAL, time of Linnsus's natural orders of plants, somprehending

CULM (in floring). The stalk or st OF STREET,

turni orders of please, consisting of the

of a rough texture, unctoons when bruised, of a strong smell and an egid mate. CUPBEARER (in England). An officer

of the king's household, who was for merly an attendant at a feast.

CUPEL. A chymical vessel made of earth, oshes, or burnt bone, in which amay-

masters try metals.

CUPOLA. A roof or vanit rising in a circular form, otherwise called the Thomas or Dome, as the copule of St. Paul's Ca-thedral, here represented.



CUPPING (in Surgery). The operat of applying the copping-glass to the deshy parts of the body, for the purpose of draw-ing away idead, or humanes. CURACSOW. A species of hird of which

there are several varieties in South America, and the West Indies, of which the Cashew Curassow is the largest. hird was formerly domesticated in some parts of Europe,

CURATE. Properly, one who has the cure of souls; now applied in England to one who ufficiates for hire in the place of the bremelicut.

CURB OF A BRIDGE. iron that rany over the horse's beard.

CURPEW, Literally, over fee or fire; England by William the Conquerer, that all people should put out their fire and lights, at the ringing of the eight o'clock bell.

f over in gramms.

(ULDA (Samong Minerol). A sort wif could be Wallers.

(UTAM NUMER). One of the Linnesta mental street of the street of the









telempton to the king of Portugal weights 1600 certie, and is valued, although unrut, at 254,000,000. seering; that, to the empire of the empire of Russia, weights 778 earnts, and is valued at upwards of 4,000,000°, but was hought by the em-press Catherine for about 152,000°. The flit Diamond, which at that thus was one of the largest, weighed 136 carate, and cost Loose XIV. 150,000%. Dissuends are found in the East Indice and in Braall, where they are gathered out of the

BLAMOND (among Glaziers). An in-strument for outling gloss; in Printing, the annalisat types or letters.

BIAMOND BEETLE. An exceedingly

sexutiful insect, so called from the marks on its wing-menths, that resemble gome

bi houliboor.
DIANA. The guideen of hunting, the doughter of Jupiter and Laterra, and twin sister of Apollo; sile is commonly represented with a bow and an



DIANDRIA (in Betany). Our of the classes in the Lineran system, consisting of such plants as have bermaphredite flowers with two stamens, as the olive, the privet, the night



DIAPASON (in Antient Music) interval of an octave; among Musical In-strument Makers, the dispason is a scale

DIAPER. A kind of lines for the table,

DIAPHANOUS, Transparent III.
DIAPHONIA. The precepts from
sight for the use of the argun.
DIAPHORETICS, hiedicines

DIAPHRAGM, A nuscular question which divides the thorax from the or

DIARRHOEA. A disorder which sists in the frequent discharge, by steed, of a billous burnour from the intestings. DIARY. An account of what posses in

the raurse of a day. DIATESSERON (in Music). An inter-

yal composed of a greater and less town.

DIATESSERON (in Theology). The DIATEIRE, A disputati

ersial discourse.

DIBRLE, A pointed tool for making

holes to plant in.

holes to plant in.
DICE, Piccas of home art ivery, of a
DICE, Piccas of home art ivery, of a
cubical form, and marked with dans on
and of their forces from one to siz.

BICTATOR, An extraordinary magniticals moving the Konsana, chosen upon posticular eccasions, and invented with above
late power. He table down his office, as
and the neuralistic remed. In within his
size with encuplation remed. In within his soon as the occasion censed, for which he had been appointed.

DICTIONARY, A collection

words of a language, explained in alphabesical order, DICTUM. The positive opinion pre-

senced by an individual.

DIDACTIVE. An epithet for what serven to teach or explain the mature of things, as dislactic pieces.

things, as unacted pieces.

DIDYNAMIA (in Betany). One of the
Linnean classes, including such plants as
laye flowers with four mamons in two pairs of different lengths.

DIE. The stamp used in coining
DIE (in Architecture). The middle of

DIER One who follows the trade of dyeing

DIER'S BROOM, A skeak so called by diars in dyeing was grown.

His NON; that is, Dies non juridies.

Days on which no pleas are held, in one DIET. Find regulated by the rains of

DIETETES. That brench of the medi-

Of about, which toute of the diet of fined material to particular cases. DIEU ET MON RHOLT, that is, God the King of Spalands by 1000 the arms of the King of Spalands by 1000 the Spalands by 1000 the











between two persons for the trial of the truiti ; but now an unlawful buttle between two persons on some private quarrel, in the which, in England, if death crame, both the principal, and the seconds are guity of murder. To most of the United States, the laws are similar.

DUES (in Law). Moneys due to the clergy, as Easter offerings, &c.
DUET. A little song in two parts.

DUKE. A savereign prince in Germany; the highest title of himsur in England next to the Prince of Wales. DUMOS.E. One of Lineway's natural

powers, particularly of the motion of bodies mutually acting on one anesher. It is a branch of the science of mechanics, and be distinguished from statics in this, that then farmer considers bodies only as reports their metion, but the inter considers those testies when in a state of rest, as to their equilibrium. When fluids, metend of peque which is a state of real as so there equilibrium. When fluids, instead of solids, are the subjects of investigations, that which treats of their equilibrium, weight, pressure, &c. is called hydrostation. and that which treate of their motion,

DYNASTY A series of process who have retrand sum dom, perticularly applied to the Respine Mines

DYSENTERY. A dimensy, or disturb rdies of plants, consisting of shysts and ance in the intestines, which forged so their functions.







sticked scaling wax, or rylinders of taked wand, for producing the negative rise. tricity; peoper rubbers, us black offed sith, with smalgan upon it, and soft new flan-nel or hare or cut skins tanned with the hair on; toated jury, or plates of glass, slither single or combined in a battery for alcumulating electricity; metal rods, or dischargers; an electrical machine, sleetrometers due. ELECTRICAL BATTERY, A ROL

of coased jars connected with each other, which being charged or electrified are then exploded or discharged with proligious



ELECTRICAL MACHINE. The pripcipal part of the electrical apparatus so constructed as to be capable of exciting > great quantity of the electric fluid, and exhibiting its effects in a very sensible manner. It is constructed in various forms but the cylindrical machine is in most common use. This consists of a glass cylinder, fixed in such manner that it may be turned with a winch | a cushion, supported



TRUPAL CRIE. A protection out by a glass which down have been of settle















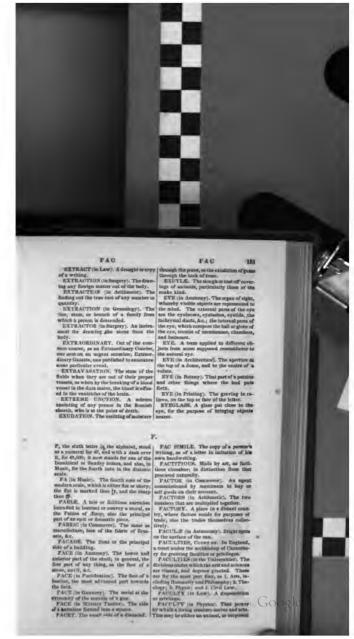
with thankful remembrance.
EUPLOALTER. An instrument for several for a several for the plane.





















BITUES On Law .. The loss of

BEIRREVCER. In Emplaced, the heaper

ndry file (in Source and Original States) of the file of the control of the control of the file of the control of the file of the control of the contr



PORTIORI, or A PORTIORI. A term

conveyed to each pattern. After the while has been set; to each, frem now over to eagen not of the sand. The model fire very large striction be made in west tempered form, bettl up by diagross to a pit, into whach the matted needed to make it run along a viluntial on the ground is the most of. The composition used in casting both in terms.

form a chief ranal for the metal to run through, from which canal run others astending to couch market or pattern procedin the frame. When the mouths are fully prepared, the faced mutal is pourced out of the cruellite into the other canal, and thence

FOUNT, or FOND. A set or centary questile of letters sent at one-time by a letter faceable for rise one of a printer, one or Faceable set large or sentil, amounting to



the hundred weight or by the sheet. A fount of five bundred, including letters, points, spaces, quadrute, &c. is to weigh A found of ton sheets is expected to contain a sufficiency for composing ten absets without being obliged to distribute; in the making of which the founder takes care that those norts of letters should be best supplied for which there are the spirition, so that scarcely any two boxes will contain the same nument sorts of characters in a fount should bear to early other has been now reduced to a rule, which by the French is called the police.
FOUNTAIN. A natural spring of water

rising out of the ground, also a stream of water ejected through a pipe by means of a machine contrived for this purpose. Artificial fountains are various in their forms, but they all act on the principle of a pose sure, either from a head of water, or arising from the spring and elasticity of the air. When fountains are formed by the per of a head of water, or any other fluid of the same hind, with the fauntain or jet, then will this spout up nearly to the ear height as that head, allowing a little for the resistance of the air, with that of the adjutage, &c. in the fluid runhing the but when the fountain is produced by any other firste than the pressure of a solumn of the same field as itself, it will rise nearly to the attitude of the fluid, whose pressure is equal to the given force that produces the fountain. The subjoined figure represents the careslating fountain, or the fountain of Hero of Alexandria, so called beyour it was invented by him, in which



the hit, being compo I of water farms a let that appearance if then

which fell from the jet we again; but, in reality, that water d come up again, for, coming down three a pipe into the bottom box, it drives int the air through an assending pipe into the her at the top containing water who being pressed upon, is forced through the spent as long as there is any in it. POWL, The largest sector birds, who lives

dimentic or wild, as goose, phonounts, pag-tridges, &c.; also a full grown chicken, or young hen.

POWLING. The art of taking or killing birds, either by means of source or nets, or by various devices, as imitating their volces or using decoy birds and the like.

FOWLINGPIECE. A light gun for

shooting birds.

FOX. A crafty, Rively animal, pages allied to the day, which seeks its food by night among the poultry, rabbits, and havea. The fix is borne in coats of arms, and as a charge, is supposed to denote a subtie wit by which a man has served his country.



FOXGLOVE, See DIGITAL FOX-TAIL-GRASS. An berbuce

P. R. S. Pellow of the Royal Society in FRACTURE (in Mineralogy). The house

ing of minerals, or the manner to which they break, which is one of their specific

PRACTURE (in Surgery). The break-ing of any bone by an external act of vioten: FRENUM LINGUE (in Anatomy).

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PROG (in Parriery). The hard projecting substance in the hellow of a horse's FROG-FISH, or Posters o Pass. A kind

of this resembling a freg in the tallpole state, that puts forth its stender horns and entices the little fish to itself, in order to FRONT. The principal face or side of

FRONTIER. The boundary of a king-dom, which superates it from another kingon on the land side. store which faces the title page in a

PRONTLET. A hand worn on the

FRUCTIFICATION (in Matuny). The temporary part of vegetables, appropriated to their propagation, consisting of the flow after population, constitue in manufacture of the real in real.

one in trail.

PRINTY in Reserve, 2 not weight an EVALUER'S RABTH. A specific to the former, if may either be week semantable for the property of or most time fruit.

an system, comprehending most which are commonly called as from which, when borot, an impa



FUCUS. The name given by was procured, for dycing woodless on cloths of that colour. FUGITIVE PIECES Links

reposition of temporary between FUGITIVE'S GOODS (in La-

one who flies upon felor FUGUE (in Music). A special position, in which the different pa-each other, each repeating in or

the first had performed. or support by which a lever is a PULLUR. One who rivans a





tar into gas. Since that period, numerous works have been constructed for the manufacture of oil gas, which, in the opinion

of many, is preferable to the cost gas.

GASOMETER, or GAZOMETER. A
reservoir for holding a sensiderable quantity of gas. It is made of this tinged iron place, and mostly provided with some contrivance for measuring the quantity of



GASTRIC JUICE. A finid separated by the capillary vessels of the stor and serving so the principal solvent of the This juice in a healthy subject is

GATE. A surveshie part of a fence, ands of waed or tron. Gatas with five r six bars, large enough to admit of carts



oring through, are must commonly oped in frome for parting off fields

postry.

GAZETTE, A newspaper; particularly that published by authority. The five Gazette in England was published in four. of a Gazetic; also the title of a geographic

or a terremy, cal distinctly, or Jalay. As animal out GELATINE, or Jalay. An animal out of the state of the s stance, spinnio to water, and capable of assuming an eigstic or transitions comming-

amoning an chaste or tremmines communi-caces when cooled, and insuripling again by the application of heat.

GEM: A precious stone; or a sort, ac-dification such as a state of these soot and the control of these soot and the control of the soot and the control of the control of its harden competented in the soot the same is competented in the soot ruly, supplier, hystatis, bert; perma-try, supplier, hystatis, bert; perma-try, supplier, hystatis, bert for the con-trol of the soot of the control of the force crystals, the fine fillum of petities, the soot eyes the control must, the restoration cat's eye, the ocutus mundi, the vicational ny, the moon stones, the onys, the name lian, the eardonyx, aguts, &c.
The imitation of antique series, by laders

The imitation or antique mans, to last together impressions and figures upon blasses, in glass of the colour of the original mans, or on acallag war or brimstone, that these on scaling was or brimstone, the practical Missionattimes by personne when in respect to the first method of taktus them on glue, have kept the art to troom selves, and suffered it to dis with them nelves, and unfered it to die with them between adopted by Mr. Bomberg which her aim been communicated by his to the world, is highly esteemed for the to the world, is highly esteemed for the perfection to which he has brought the au-from the segraved game of the stage above, he took sept rainst preceivance of the agenting at most fine 3 by the of the agenting at most fine 3 by the of the agenting at most fine 3 by the second of the agenting at most fine 3 by the second of the agenting at most fine 3 by the second of the agenting at most fine 3 by the second of the agenting at most fine 3 by the second of the agentime at most fine 3 by the second of the agenting at most fine 3 by the second of the agenting at most fine 3 by the second of the agent means to the second of the secon

true antique stones. His nethod committee in taking the impression of the gern is a very fine certh, and then conveying the impression from the earth to a pic half melted gians

GEMINI, the Twist, A or and eign in the notine, marked thus II.

GEN. An abbreviation for General and

16.60

MAKE mark to be

lun.

on d'a

PROPERTY AND PROPERTY AND AND PROPERTY.

GENDARMES, AT GENS D'ARMES A select body of soldlers in the French army, who are now much employed by

the p GENDER (in Grammar). A distinction in nouse to mark the sexes, genders are

either musculine, for the male east femi-nine, for the female sex; or neuter, for which are of neither sex. GENEALOGY. A series or succession of the rela-

tions and alliantes of any person or family, GENERAL (in Mistery Affairs). An officer in chief, to whom the command of

troops is fotrusted; also a particular beat of dram in the morning, to give notice to rch GENERALISSIMO, The expresse gos

mander in chief of an army. GENERAL ISSUE (in Luw). That pire which traverses or device at once the whole

GENERAL OFFICERS. All officers above the cank of fientenant-colonel in the

GENERATING (in Geometry). A term for a line or figure, which by its motion produces any other figure. GENERIC CHARACTER (in Natural

History). The character which distin-guishes the grants or general kinds of plants, animals, &s. from each other. This thurscier belongs to all the species of the same genus or kind.

GENERIC NAME (in Natural History).

The name of any genus or kind of animal, plant, or minoral. This name can be de-scribed only by describing the generic

GENET. An animal of the wearel kind, assumbling the civat cut in its mark small.

GENEYA. See Gra-GENITIVE CASE. The second case in atle and Greek norms, which donnts pos-

passion. If is marked in Buglish by a with an apostuping time ('e). (EDN) food or evil spirits, much thought of in the santon nations. The Tales of the Genit graften in give an arement of their proceedings and dealings

who did not emission the all hanthens

GENTLEMAN. Anciently, one als the state of a yeemstr. GENTHY (in Law). The order and rank

of gentlemen, descended from ancient fam-lies, that had always heree cost armour. GENTOO. A pative of Hudgeton.

GENUS (in Natural History). A mildivision of a class or order of natural objects, animal, vegetable, or mineral, and aving under it different species or variety GENUS (among Lugicians), That which is common to a number of individuals; the summum genus, or highest genus, is that which apperialns to the greatest number of individuals, as substance, which belongs to all material GEOCENTRIC. Being correstric with

the earth, or baving the carek for its tentre; a term applied to a planet in its orbit. GEOGRAPHICAL MILE. The 60th

part of a degree.
GEOGRAPHY. The science which

treats of the earth as an habitable world, comprehending a description of the whole globs, together with an account of all its parts, limits, inhabitants, &c. Geography is either general or particular. General prography comprehends the knowledge of the earth in general, and the affections common to the whole globe, as its flavre, magnitude, motions, rircles, winds, tides,

meteors, divisions into bind and water, Acc. Particular geography has respect to particular countries, showing their bose-daries, figure, climate, seasons, infanticalls, duries, ngure, climste, ecasous, unanitante, arts, rintoun, language, history, der. When it respects regions, districts, or parts of countries, it is called characterists, and when particular cities, towns, or villages, when porticular cities, lowers, or villages, Ac. II is called (topograph). Particular geography is also distinguished instruction and phase existing among the uncleast; modern geography, when it weats of ea-dern places, the geography of the models are also as the second of the second for the models are placed and fuguration in the models again, and batty, sucred from the placed in the second of the second in the models again.

groupingly, which bears or places mer-tioned in the Bible.

The earth, considered as a planet, is supposed to be marked by circles corre-positing to those which the sun approachly describes in the heavens, as the horizon, heregies to in the emistive nations. The which devides his spiner, into two parts of the control of the control



they are of great extent, as the Russel and Austrian empires; or hingdoms, as the kingdoms of Great Britain, France, Spain, &c.; or states, as the states of Hol Span, a.c., or mans, is he sistes of Hos-land and America; or republics, as the republics of Venice, Genon, a.c. Under this head geography freshs of the subdivisions of each country into provinces, cities, towns, &c.; also of the number inhabitants, the nature and produce of the soil, the artison's peculiar to each place, the state of the arts, meanifectures, com-merce, &c. which constitute the wouldbud each country, and is comprehended under the name of statistics. Total thus may be added an account of curtosities, natural and artificial, as volcanose, caveros, canale, springs, fimutains, and the like. Boulds geography treats not only of the earth's curioce, but also of the affections which is is exposed to from the waters of the occurren which produce the flux and reflux of the tide, and the currents belonging to par-ticular seas, as in the Mediterraneous and Entire seas; likewise of the winds which blow in particular manners and directly such as the moneums, or trade winds, when its to Ania; promining, or cape, h below for some mainths in the year axis be performed food stretching out into some year and the rost marker; and, many, the some year of the cart was some conference of personal production of the cart was not considered personal cart of some year of the source of the cart was not be alpha and Pyremera is Engaged with the source of the cart was not be alpha and Pyremera is Engaged with the source of the cart was not be alpha and Pyremera is Engaged with the source of the cart was not be alpha and Pyremera in Engaged with the source of the cart was not be alpha and personal production of the cart was not because and Craisen Mountains in three for some mouths in the year nas

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GAMECOUR. A cack bred to fight. GAMESTER. One who is viciously

telested to playing at gennes. playing at games for purposes of gain.

GAMDT (in Music). The table or scale of males hid down by Guido, and marked her the monosyllables of, re, mi, fn, not, la ; so the first note in the scale GANG (among Mactamps). A select non-

or of a ship's crew, appointed on any

A plot of ground was sed colored with creambany and furnish with the fac his

essentin their below by twinging his themselves the suppression of cuttle within the narrow cities of their within the narrow cities of their helatistics. The secondario quarters as the anchests are confined to those of po-arrow or griph were, as the pushes of not and the profine of Astronous the Pin-ting, within he intuneled Besselts Ling, within he intuneled Besselts down of Bahylow, positive the dress of Bahylow, positive to the same of the windows of the same of the windows of the same of the same annual fair twindows first he same of

by Unodorus and Strates, may among the considers of art. East, and tended four bundeed fied, so that they have man marry on acre. The her of a ship's cryw, appointed on any of the fine transmity on arc. The magnitude services of the magnitude services of the magnitude services of the service



passing through, are most commonly played in fences for parting off fields.

lian, the exidonys, space, &c.

The institution of antique germs, by as,
the impressions and figures upon these
gless of the colours of the original gas
on scaling wax or brimmins, has a
positional differentitions by pressons a
staffing wax or brimmins, has a
positional additionations by pressons a
them on the colour of the colour
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them on gless, and seeded by the art to a
server, and seeded by the first of
that the present adopted by Mr. More
list th But the present stropted by Mr. From which has also been communicated by in the world, in highly estenant, for perfection in which he has brought the From his contraved grans of the hi-lands, he took such crue amounts, of the originals as represents to day





ogy may be considered under two heads, namely, first, as regards times bodies which naturally form capanisent parts of the globe; and, secondly, as regards these for time of the equinoves and seletices, and deduced from these the length of the lungeign bedies which have been buried in the see days. He also measured and computed earth and partly amalgamated with its the distances of the principal roads men-These are now distinguished by the masse tioned in the different surveys and itineof final of organic remains. In the consideration of these two branches of the am by order of the corperors, and encyscience of goology, it will appear that the scrone of general, is who appear that the cards has undergone such changes, since its original formation, as mobiling but a universal delage could note produced, and in this point of view it formation to the lasparsed them with such reports us he could patter from travellers. In this manner did Philony execute his system of geography, which, or a work of minner, has deserved by Bath the first rank among the works of navey a wanderful and gratifying cours the modernie, and, considered as the labour than of the Meriphure necount of and interperture convertings.

The study (f) (c) (c) (c) (c) (c) (c) (c) of non-man, was never surposed, and





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There is a strong public clausity, servered

There is a strong public clausity, servered

the attack the attack of the attack

lives by sorking the blood of other and-GNEISS. A suct of rock that lies is

GNOMON (in Dialling). The stile or

pin of a dial, the shadow of which points GNOMON (in Astronomy). An instru

ment or accounting for measuring attitudes.
GNOMON (in Geometry). A figure
formed by the two complements with elther of the parallelograms about the

GNU. A particular kind of antelog having heres bent forward at the bass and backward in the middle. GOAD. A staff pointed with a sharp fron for driving cattle,

hiss for driving cattle.

GOAT. A quadraped find of dry, rocky
situations, and feeding on aromatic vegetables. The varieties of the goat are distingatished principally by their horse.

GOAT-SUCKER. An American hied,

so called because it was supposed to suck the tears of the gotte

GODFATHER, One who standarp for a child in topcions.

GODWIT. A bird resembling the Plu-ver, that feeds on worms on the ses shore. GOLD. The richest and heaviest metal except platina, being the most solid and the least porcess. The ductility and resile-ability of gold is each, that one grain of it will rover upwards of fifty square inch and an onner is capable of being extended in the form of wire many hundred miles, Gold is found in beds of quartz, sand stoom, &c. and also in many rivers, particularly in Peru, in minute and irregular grains, which are known by the name of fruh blog

gold duct.

GOLDHEATERS SEEN. The akin or
membrane of any animal, which is used
by the goldboaters in preparing gold teaf.
GOLDEN NUMBER. A number beginning with one and increasing one every gioing will cone to director, when it year till it recent to nineteen, when it begins with one again, and is used to show what year is the lutar cycle may given

GOLDEN ROD. A plant which is for be most part a native of North America. we species only are found in Europe.

Suit of These.
GOLDFINGH. A benetiful European-kiel with a fine yellow mark to its black

qual-feminers. It sings very charmonally and is very decide, few Yealless Brane, GOLD PRO). An elegant fish of a policy colour, reagently brought from Chine, and

colour, originally househ from China, and move keep to way of streament.

GOLD LEAT, or Labe GOLD. Child GOLD LEAT, or Labe GOLD. Child Lake in househourse by the latery, artist it becomes as thin and attendance as a least. GOLDSHIPL A worker or seller of gold or silver vessels. The Company of goldentible in Landon, were himoproximal in the reign of Bichard II.

GONDOLA. A wort of Venetic

sure barge.

GONG (in Music). A Chinese bastra
ment, the form of which is a challow circufar conce GOODS (in Law). The rainables of

which a man is possessed.

GOOSANDER. A water bird, the size



GOOSE, A well known don which exists to a wild as well as a fatter state. The gray lay guess, or common wild goose, is easily tassed: from this sort

wild goose, is easily tamed: from three-or-has egroup the domestic broad, GOOSTERRARY (in Botany). A plant that is set with prickies, and yields a fruit of an oval and gobolar figure, containing or an oval and gobolar figure. of an aval and gooder agree, communication of an aval and gooder in a pulpy enhanced in gardens.

GORGE (in Fortification). The entranced

in, meetin, or silver outwork. GOEGET, A pleas of armose round the neck; societiling similar is now about

the neck; secontling student is new mornly by officers on dairy by way of greatment. GOSHAWK, That species of basek which was formerly reach used in faircoary. which was becomenly much used in the onery.
GOSPELL, The hear books in the New
Testament written by the Leangelista,
St. Mathew, St. Mark, St. Luke, and St.

GOSSAMER A fine flimy su like a culoweb, which is ment in clear days in notume in stubble finite, and in producin actions in symbols finds, and is presented by worked by worked by worked by the state of the

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BEARTBURN, A Burn BEARTHEAST. A plan Digitized by GOOGIC

HEAT (in Physiology). See Calonic, HEAT (ames & Goographers). The heat different clienting, which errors from the different quality upder which the son's rays strike upon the surface of the earth; added to which, the host of different places is sither increased or diminished by the areldents of situation, with regard to mountains and valleys, practicity to the sex, and the like.

HEAT (among Smiths). Ti a degree of heat regulate for iron work, samely, the blood sest heat, the smallest degree; the fisme, or white heat, the second degree;

and the sparkling, or welding heat, which is the strongest degree. HEAT (among Sportemen). A cortain prescribed distance which a horse cure to

HEATH. A wide open place, generally

rergrown with heath.

HEATH (to forany). A shrub, which ther grows wild, or is cultivated with cut care to bothouses. The cultivated great care to bothouses. merts are remarkable for their variety and

HEAVEN (in Astronomy). That less monre region wherein the planets, stars, and comets are disputed, and perform their motions; among the ancients, a leaven denoted an orb or circular region of the ethernal beaven. Astronomers therefore acromed as muny different heavens as they descrived at many uniferent necessary that they had seven heaven for the seven planets, the Moon, Mercury, Venos, the cut, Mare, Jupiter, and Satoro. The sightly was the fived start, which was particularly homomorphisms that the formation. Protemy added a ninis beaven, which he calls Or Princes Mobile , Alphonous afterwards added two erystalline housens, to uccount for some arregularities in the matinus of the other leavens. Other ancient arts more admitted more however, according to their different hypotheses.

HUB. An abbreviation for Belowers. HECATOME. The massificant's bundled

HOLTHO PEVER. As babitral fever, use which to stor and continued, and ing in a remanigation HEMSE. A fewer of therms or shrube to

boul Tin en perturbilities. A quedraped setended oil over with seary pricking, which we a carry of through, and found also in Madagamus. It lives in thickets, and ewins:



HEDGESPARROW. A kind of spar ow that lives in the fields and about the Berdrey

HEEL. The back of the foot protabarst.

ng behind. HEEL (usung Mariners). The heel of a mast, that part at the fied of a ship's mast that is pared away elasting. HEELPIECE. A piece of brainer put upon the heel of a shoe.

HEGIRA (in Chromology). As we which takes its date from Mahomet's flight

from Mecca, a. n. 1821. HEIR (to Luw). One who succeeds by

descent to lands and tenements.

HEIRLOOM, Hossebuld goods and furalture which have for several descents

belouged to a house, and necessarily come to the heir with the house.

HELIACAL (in Astronomy). A term applied to the wars or planets when they rise and set with or at the same time as

HELIOCENTERS. An epithet for what

HELIOCENTERS. An epities for wind-places to the centre of the sun.
HELIOMETER. An instrument for reasuring the diameter of the heavenly edies. This instrument is a kind of telebadine. scope, consisting of two slicet glasses of e-peal focal distance, placed one by the side of the clier, so that the same cycellan yes for both

HELIOTROPE, or Tuns sin. A plant nich to said niways to fell

of the sun.

HELLEHORE. A plant, the flower of
which expands in the form of a rune. The
send is obtain, like a grain of wheat. It
is very desirtful whether the plant sow so
named be the trud indichare so famous for-

named to the true militaries so cancess for the polarimous quality morns for anchetic. HELM (in Navel Architecture). A long that piece of fination sumptended at the land part of a shiply storagest, which carear is direct the course of the ship. It is conspend of they prove, namely, the which turns upon its hingis. '188 thing which turns upon its hingis.' 188 thing.

diam'r S-problem. and here to To-se ot Che like 2000 CHARLE The square pil

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to bear of a pair No separate N). As ormal

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their frequent, so that hobility and general have their dots of arms out in stans. As patiented in constantations over their gains At their function them statuss were been At their fundation on their them were being the hingelons when he had the just limiting the first satisfact and their satisfact and their satisfact and their satisfact their satisfact their satisfact their satisfact their satisfact their satisfact of their satisfact the by the flavons on their first sattle is England. They were all onto



SHEA An abbreviation to beginning the HEATON Age of Chains of the HEATON Age of Chains to warms and difficulty in a manuscript which surgers the contraction.

HECCOLUM, or MICCULA. A confed-law with the MICCULAN Age of the HEATON Age of the HEATON Age of the HEATON AGE of the HEATON AGE OF THE AG

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HOP. A plant with a creeping root, a stalks of which climb and twist about whatever is near them ; wherefore, in hop grounds, poles are fixed near to the plant for them in rise upon. Hope are said to here been introduced into England from the Numberlands to the eithernth century: they are principally used to had up with here, to easier to prevent it from turning sour, and to give it a strongthorning quality How cognize to be planted in open situa and is a rich strong ground. The

chiefly used in bunting and in the chase. HORNEEAM. A tree that has leaven like the eim or borch tree ; it was formerly med in hedgerows. The timber in very tough and inflevible.

HORNBLENDE (in Mineralogy). A sort of sixty stone, of a green and blackish green colour. It is a very abundant min-

HORN-BOOK, The ilm book for children, containing the alphabet, which was rly covered with transparent horn,

HORNET. A large, cirong, and stinging HORN-ORE (in Mineralogy). Das of

the species of silver on. HORNPIPE. An animated sort of dai

HORN-STONE, A species of flint. HORNWORK (in Portification). As

HOROLOGY. The science which trees on the presenting of partiam of time. The principal instruments used to the success tog of trees are didle, elepted to ur water

as seen as the white and the gree, who have galance.

These about it is white and the gree, who have galance.

These about it is pleasure in him 1 700 (50) (60) decidence one of the relative terms of a season. About instrumentally another in the measurement in ming of July hope begin to him, time by means of the sem. The reput



of specimens of plants carefully dried and preserved. Various methods have been

adopted by notamints for ultraining a hortus

sicous; but that of preming the plants, that are in is dried, in a box of and or with a hat smoothing iron, has boxe recom-

HOUND'S TONGUE, A plant culti-HOURDS TUNIOR. A plant culti-vision in gardens, bearing a plant dower. HOUR. The twenty-fourth part of a natural day; the space of sixty minutes HOUR-CLASS. A plant for measuring the hours by the remains of the saint from a hat smoothing iron, has how recom-mended. If pressure be employed, that is been effected by means of a betanical green made for the pressure, in which the plants of the property of the property of the At first they ought to be property of all necessionally taken out in order to are son of the linear to recommend or at the property of the property of the At they continue to day, the pres-ary be increased. When they are only direct, increased, taken coils!

one part of the vessel to another.

HOUSE, A boilding, constructed with all conveniences for honizations HOUSE (among Genealogists).

HOTE Commended from the same demonstrated from the same entering same demonstrated from the same entering the same entering to the same entering the same en



water and the lightest species of ponderable matter hitherto known, which was discovered by Mr. Cavendish in 1765. It is an inflammable air, or an invisible aeriform floid, which worms rapidly when kindied, in contact with atmospheric air, and forms what are now termed gas-lights. When combined with axygen, it produces water. It is unit for respiration, so that animate, when obliged to breathe it, die almost immediately.

HYDROGRAPHY, A description of

rivers, bays, takes, and other pieces of water

HYDROLOGY, Test part of natural history which treats of and explains the nature and properties of watern in general,

HYDROMETER. An instrument for measuring the density and gravity, a.c. of water and other liquids. That which is facilized simply for acceptaining the specific gravity of different waters is more commostly radied as arrunmer or tratermine, the term hydrometer being more community

And and the second for accounting the gravity of spirits, though some the indifferently for all keys. It's terr contrived an hydgreseter

of fluids, and the hydrostatical paradox



HYDROSTATICAL PARADOX. principle in hydrostatics, so called because it has a paradoxical appearance at Rest view; it is this, that any quantity of winter or miner floid, how small mover, may be made to believe and support any quantity

and or terms are supported to may be an any weight, however great it may be.

HYDROWINTIES. The science which trains of the large agenting its mechanical property with the desired property with the desired property was a small and bodies, parlicularly water, and afair



mi motoge which treats of fishes. These animals are divided into five orders, name. ly, fair special, or those which have no ventrat five, Jugular, which have the renpersonal andominal, or those which have the vestral flor estasted behind; thoracie, or those which have their ventral fine site and immediately under the personal; and the cartifogues follow, which have a carthalmon immed of a heavy electron, ICHTHYOLOGY, Harrony ov. The soulest of fisher has engaged the attention

earlies of flatter has engaged the attention of naturalism from the time of Arteretic to the present period. Arteretic, probable the flow ovider on the subject, divided fishes

IGNIS PATUUS. See JACK WITH THE

IGNITION (in Chymnery.) The appul-ration of fre to metals, (ill they become

red but without melting.
IGNORAMUS. An ignorant fellow, a

netunder to knowledge.
IGNORAMUS (in Law). The twen uns

by the Grand Jury when they ignores or throw out a little Indictorest. If the notice We know nothing about it, or have not We know nothing about it, or have not collisions evidence respecting it. I GNORING A BULL (in Law). The throwing out a bill of indistance by a

that write up les, subject, named name this versement, primes, and narrical con-ne was, after a long interest, followed by taken, an invested of the final content of the final con-jury planes, as (viel, with route of grand jury, who indome it with the word



n the most happy

INDIAN WHEAT, SEE MARRIE a des Différences, dec. is thought INDICATIVE MOCE On Grammar ATION. The prevent of a bird of CINDETED QUE That is, account







HORSESHOE (in Post work, sometimes of an oval figure, raised in marrier grounds. HORSESHOEING. The fitting and

nalling a shoe to a borse's foot.

BORTICULTURE. The art of cultivating a garden, and rearing the finest

kinds inds of plants.
RORTUS STOCUS. Literally, a dry

garden; an appellation given to a collecti of specimens of plants excelely dried and preserved. Various methods have been adopted by tedanists for obtaining a hurtur siccus; but that of pressing the plants, that are to be dried, in a hox of sund or with a hot smoothing iron, has been recom-mended. If pressure he employed, that is best effected by means of a botonical press made for the purpose, in which the plants are put, with sharm of dry paper between At first they ought to be present gonily. and measurably taken out in order to see that none of the leaves are rampted or fidded. As they continue to day, the pressore may be increased. When they are sufficiently dried, they may be taken our

roots; in Law, in England, the putting lauds together, that belong to copareeness, for the purpose of distributing them equally.

HOTHOUSE. A imilding, constructed in a garden, for the rearing of exotics and or plants that require hear. HOUND, A hind of sporting dog, buying

one cars, and very strong scent.



HOUND'S TONGUE. A plant colti ated in gardens, hearing a pink flower. HOUR. The inenty-fourth part of a natural day; the space of stary minutes
HOUR-GLASS. A glass for measuring the hours by the rouning of the sand free

the hours by the running of the sand from one part of the trees by another.

HOUSE, A building, too-drunied with all convenience for helitations,

HOUSE (among terminipless). A matter family, or an illustration are also enclosed from the space of the control of The twelfth

HOUSEHOLD. The whole of a family

jointly. Since his time, many discoveries and theorems have been made on the motions of finids by Sir issue: Newton in his Principia; Daniel Bernonilli, in his Hy-Principal Daniel Dermanni, in his Truité drodynamique; D'Alembert, în his Truité des Pluides; M. Bosout, în his Hydrody-nomique; M. Bunt, în his Principes d'Hydraulique; and M. Eysetwein, in his Hand huch der Menksnik und der Hydraulik.

HYDEOGEN GAS. A constituent of water and the lightest species of ponder-able matter hitherto known, which was discovered by Mr. Cavendich in 1785. It is an inflamerable oir, or an invisible acc). form fluid, which horns rapidly when kinfiled, in contact with atmospheric air, and forms what are now termed gas-lights. When combined with oxygen, it produces water. It is unfit for respiration, so that animalic, when obliged to breathe it, die most immediately.
HYDROGRAPHY, A description of almost to

elvers, baye, laker, and other pieces of Walto

HYDROLOGY. That part of natural history which treats of and explains the hlamy which treats of and explains instance and proportion of waters in general, HYDROMETER, As instrument for measuring the density and gravity, for, of water and other thereto. That which is said and simply for assertation of the specificacy of the specific spec e gracity of different waters is more coumonly called an accounter or waterpoint,

HYDROSTATICAL BELLS machine for showing the upwar



principle in hydrorestics, so called it has a parminghal appearance view, it is thue, that any quentity or minds floid, how small sonver, monly saids an accumulator of the propose, fine term hydrometric them gives commonly mod between the softeness of the propose of the propose mod between the softeness of the propose of the propose of the fine specific gives by of parties. Hough some three soud indifferently. The propose propose of the propose previously and proposed of the proposed of t



of z, or noy variable, as by a; but Faller employs the character \(\triangle \), thus \(\triangle \zeriangle \) the increment of z, and Ay the increment of y. thedus Tecrementerson in 1715, which was afterwards illustrated by M. Nicole in the Memoirs of the Roy at Academy of Sciences for the years 1717, 1749, and 1781. In 1783, Everyon published his method of Increments; but the writer who contributed most to the sincidation of this subjest was Euley, who, in his institutiones

Various other writers have since treated on this subject, soming whom Larreit, in wie Traitie des tifficences, &c. is thought

Calculi Differentialis, gave a new and ex-tended from to this branch of analysis.

INDIAN ARROW ROOT. The root of a plant growing in the West Indies, where it was formerly used as an antidote against

INDIAN FIG. Ficus Indica in the Lin in system; another many for the Barries

INDIAN RUBBER, OF CASCON-An elletic gam, a suintence procured 72 a tree in Scatt. America, catted the 03 pers nia elastica. It is mostly brought into formed by opressing the gam over a mount

as where written have more representations of crisis, and special conduction of the production of the conduction of the



rancous take in the body of animals. the burnin subject, the intestings are d help, which resembles churing in the uniture, and power of destroying vegetable colourer, and power of destroying vegetable colourer, ledine is incombuschie, but with manne it forms recurson designating powder.

10x16/06/06/16/n Architecture). An archer no called from London in L. Long Asia, ander no called from London in L. Long Asia.



INC

INCOGNITO, or INCOG (in Europe). Literally, unknown, not to be recognised; a mode of travelling without any mark of distinction, which is sometimes adopted by princes and great people who do not wish to be recognized. INCLINED PLANE (in Mechanics).

A plane luclined to the borizon, or making an angle with it, which is one of the me abanical powers.



INCOMBUSTIBLE. A body that is expalds of undergoing combestion.

INCOMBUSTIBLE CLOTH. A suct of cloth made from a stone in the form of a tale; which stone is called inple amianthus, INCOMMENSURABLE (in Geometry).

A term applied to two floer or quantit which have no common measure by which they can be divided.

INCORPORATION (in Law). The

formation of a body positie.

INCORPORATION (In Chymistry).

The mingling the particles of different hadies together into one mass, in such manner that the different ingredients con-

not be distinguished. INCREMENT (in Plusions). The small forceme of a variable body. Dr. Brook Taylor, to whom we are indebted for the ductring of increments or finite differenses. denoted his increments by a dot under the variable quantity, thus the increment of a was denoted by a; others love employed a small accept, thus c', or thus p. M. Nicole turn mather letter to denote the increment tion another interest of once the further of a, or any variable, as by w, but Euler employs the character A, thus A the increment of a, and Ay the increment of p. Dr. Brook Tuelor first published his Mr. thodas Incrementaries in 1715, which was affectwards illustrated by M. Nicole in the Memoirs of the Royal Academy of Sciences for the years 1717, 1721, and 1724. In 1725, Emerson positioned his method of Increments; but the writer who contributed must so the elucidation of this uphject was finter, who, in his lemmationers Calcul Differentially, gave a new and ex-Various order writers have dince treated so the subject, among whom Laureix, in Tenjace due Geffinences, &c. la thought

ATION. The present of a bird or desire east nativiting its young: 1NDE

IND

the time required for this varies in diff out birde, samestic fawis all three ducks, goose, and turkeys a tur eighteen days, &c.

INCUBUS, or Neuer Mann. which consists in an obstructed respir tion, that produces the committee in sires. of a weight pressing on the breast.

INCUMBENT. One in present present

INDECLINABLE. Not varied by ire. indicate, as an indestinable as INDEFINITE PRONOUNE.

that are loose and undetermined in mesning, as whaterever, any, every, &c. INDEMNITY (in Law). The saving INDEMNITY (in Law). The savi all damage and danger that may ensue

INDEMNITY, Acr or (in England). An act passed every semion of partiament for the relief of those who have neglected to take the necessary eaths, &c.

INDENTURE (in Law). An agreement or contract made between two or move persons, so called, betame it was indented or cut scottapwise, so as to correspond with another writing containing the same

INDEPENDENTS. A sect of Protest-ants in England and Holland, who govern themselves in their own congregations, without acknowledging any dependance upon, or connexion with any other clearch. INDEX 'in Arithmetic and Algebra).

INDEX in Arunnesse and Algebras. The number that shower to what power the quantity in to be raised, as in 10³, the figure is the exponent or index.

INDEX (in Watchmaking). The little

stile or hand fitted either to a clock or watch: &cc.

INDEX (in Literature). An application table of the contents of a book.

INDIAN ARBOW ROOF. The run

a plant growing in the West Indian, whore it was formerly used as no untildote negativet

INDIAN PIG. Picus India in the Linnean system; another name for the lianum

INDIAN RUBBER, OF CARDE OF An elastic gum, a submance procured from a tree in South Americo, called the syphicand eduction. It is manify broader into Curope is the shape of bottles, which are farmed by spreading the gum over a month

INDIAN STREAT, INDIANT WHEAT, The harmoner, Whou ATTYRE MOUD (in Grammor).
That must of a work which simply affirms by GOOG C

INDICTED (in Law). That is, notes



paid for the arm or loan of mor sum tent is called the principal; the sum paid by the burrower, the interest; and visco the two are incorporated, the interest paid upon that is called compound interest, vest upon interest.

INTEREST (in Arithmetic). A rule by which the interest of money is computed, lich is either simple or compound. INTERJECTION. An indeclinable part

of speech, serving to express the emetic INTERLOCUTORY ORDER (in Law).

An order which does not decide the cause hantfunly some intervening matter relating INTERLOPERS (in Law). Those who

without legal authority, intercept or hinder the trade of a company, lawfully established to trade in a particular way or part. INTERLUDE. An entertainment be-

tween the acts of a play, for the purpose of allowing the performers time to rest, &r., INTERPOLATING (among Critics), Inserting a sparlous passage, into the writings of some ancient nuthor.

INTERREGNUM. In Europe, the vacancy of a throne, by the death or deposition of a king.

INTERREX. He who governs while there is no kine INTERROGATION. A question ;

INTERROGATION, or Note of Is-TERBUOATION (in Grammar). A mark thus (f) put at the cod of a question.

INTERROGATIVES. Words used in

asking a question, as why, wherefore, dec INTERROGATIVE SYSTEM, A mode of teaching by means of question and an-

INTERBOGATORIES (in Law). Ques-Hors in writing demanded of with

A cause, perticularly in the Court of Chan-IN TERROREM, By way of Dighten-

g or deterring.
INTERSECTION (to Mathematic

The cutting of one line or plane by another. INTERVAL (to Music). The difference beets acute and between two sounds, as you INTESTATE. Our dying without a will

INTESTINA (in Zoology). An order in the Linneau system, of the class vermen, aniuding earthwerms and beeches. INTESTINE MOTION (in Physiology)

muslim which takes place to the say. rentines. The convoluted me-ons take in the body of animals. one subject, the ini

ded into targe and empil, each of which insists of three distinct portions.

INTOLERANCE. The new television

or allowing of every man's private Judg ent, in matters of doctrine or discipline. INTONATION (in Music). The art of sounding the notes in the scale with the voice, or any other given order of enumeral

INTRANSITIVE VERUS. Verbs tion express actions, that do not puss even to n idject, as go, come, ar. IN TRANSITU. During the par

IN PLANSITU. During the pa-on one plans to another.

INTRUSION (in Law). A violent or alawful seizing upon lands or tenomesus. INTUITION. The mental view of

atter, or the instantaneous act of the oxind, in perceiving the agreement or disa

IN VACUO, i. c. In empty space, ce space comparatively empty.
INV ALID (in Military or Naval Affaire) A suldier or sailor, wounded or discussed

in war, and unfit for service, INVENTION. Any new mechanical

entrivance for assisting human labour.

INVENTORY. A catalogue or list of INVERSION (in Geometry). The chang-

INVERSION (in tentestry): The ing anticedents into consequents in the terms of proportion, and the emetracy.

INUNDATÆ (in Botany). One of the Linners extern orders, consisting of aqua-

INVOCATION (among Poets). An ad-

dress to their favorate poet.

INVOICE, A till or account of goods such by a merchant to his correspondent

int by a mercuany, in a force-positive in a foreign country, INVOLUNTARY HOMICIDE In Law). The killing a mun by accidentally which differs from expanable homicids by misadventure in this, that the latter hapmondventure in this, that the fatter map-pens in the performance of a lawful are, but the former may be an indifferent or a positively unlawful art, which to rous in or manufaughter according to the pature

INVOLUTION. The raising any or tity to a given power by multiplying of into itself the required number of tions thus, the cube of 3 is got by multiplying a the root, into itself twice, as 3×3×3

TODINE. A deadly pulson, af a block colour and metallic matre, procured room and, which resembles elitorios in two dears,

had power of destroying weathbut colours had power of destroying weathbut colours fedine is incuminately, but wells across in from a surface defounting peroflar to the colours of the col

or so called from Lunin to Linear As





en lack JACKAL. A beast of prey



the dog. It follows the lien and foods p

strument for taking heights and distances. JACOBUS. A gold coin in the reign of ones L current at 20s, 22s, and 25s.

JAUTITATION OF MARREAGE. In Hagland, a suit in the ecclessissityal cours, when one of the purious bassets or gives out that in or size is married, which the other party denying, real ne morquous proof of the marriage balun brought, size

offending party is onjo mid at JADE. SER NETHELE

JAG (in Bottoy). A divinion or cleft in

JALAP. The conceptions tribe, or a black colour on the mulder, and reddink wirning.





mercial associations, having a stock consliding of many shares c in such associations the shareholders gain or lose, according to

husband to the wile, to be enjoyed after

JOINTS. Timbers found into the girders,

r sommers of a building.

IONQUIL. A plant of the Narnisons kind, the flowers of which are either single

or double, and are much estuemed for their

we assessed of what passes to the day, POURNAL On Merchants'

payout senut

the number of stores which they hold JOINTURE (in Law). A settlement of bands and framments made over by the

the Common Pieus; the Lord Choof ! of the Exchanger; the three Pulm inferior Judges of the two first course the Paisne Barons of the latter must. Chief Justices are installed or pioce the bruch by the Lord Chancetter, as and the Chief Justines. JUDGE MARTIAL, or Jensey SAVE, III ABPREATE GENERAL TH

preme judge to course energial. JUDGMENT (in Law). The sea

of the court, pronounced by the jud the matter in the record, either in co default, where the defendant pate pies ; or of confession, when the date seknowledges the action; or upon d rost semi.

JOURNAL Any head in which is kept the plaintiff withdraws or obtaid. control wing more to the dec-position of the control of the contr an orberoin every thing is posted out







KALMUCS. A aution of Tarture inhabiting parts of fluxula in Asia,

KADSIN. A lest said dry conthorty wand, common in Egypl and the deserts of Africa, which prevails more or less for KAMSIN. A hot and dry southerly in or livining small report alound a wind, common in Egyly and the desertion of the single state of Africa, which provide more or less for fair gays. Unit as any termine that and heavy, the single single state of the single state of t

KAN. A magistrate in Persia, and

tacle for its young during the time breeding, and is rejorted to after the for the sake of warmth and protection is said to loop thirty yards at a single be



used as one of the two ingredients in Inin.

RECKLING (among Mariners). A ing or livining small reper about a co

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LANGUAGE.

to be derived. In fact, he maintains that mpetent knowledge of the Hebrew, or any other of the oriental languages, will enable a person to understand very much of the Est lopic, there being several Hebrere roots and eignifications of Hebrew words in this language which are not to be found in any oth

As the Phonicians, the descendants of the Cananites, inhabited the maritime parts of the fand of Canana it is not surprising that their language should be supound to have been nearly the same as the Hebrew. Some vestiges of this affinity are to be found in the proper names of the Carthaginians, their descendants, wha spoke a dislect of the Phonetrian called the Punic language: this latter language also said to have had a tincture of the Chaldee and Syriac, which may be easily accounted for by the intercourse which these two trading nations held with all

ther people. A writer in modern times

a number of Ponic words, from which it i justly inferred that Malta was once in the possession of the Carthagintane.

The Parsian, as it is now handed down to us, is confessedly posterior to the Arabic, to which it is nearly allied both in its primitive letters and whole construction, but it has been shown by writers that the ians or Persians were Scythians who Fartnans of Fermans were sextenant with mingled with the Elemines or original im-habitants of Pernia, and gave to the Pernian language that Celtie tineture which brings it nearer in accordance with the northers lenguage of Europe. In the language of India and Armenia there are strong marks of resemblance to the Persian; but as to the Chinese it was probably one of the sartiest tongues formed after the flood, as if lears few or on marks of affinity to any but the Heirew.

In proof of what has been advanced on the oriental languages the following alpha-

CHALDES.	SYBIAC.	corrie.
Alesh Bath Gaine Gain Charle Tvo Zain Charle Teth Jod Charle Laued Mon Non Barnech Gronin Phe Tradi Roph Robius Thau	Olaf Beth Gomal Dolath He Wew Zein Hheth Toth Yod Cof Lorend Min Nun Sameeth Ber Pe Rode Rode Rode Rode Rode Rode Rode Rod	Alpas I'ii Beria Ch Beria Ch Garness Ch Beria Ch

As the shovementioned languages were packers by the most ancient people, it is a clear that the roots of the Greak are to not surprising to find that they retained in the faced either of the Egyptians, the ware marks of their sergin, but it is Phenician, or the Pelaggian, while was which sprung out of them underwent greater changes in their external form, so as to give them an air of originality which structure and a richness of expression which made it pass for a primitive tongue, which made it pass for a primative imigue, when in trut it is a much a herewive of Japlet, who at a very early nericed hangings as those which have store been creded from Scythia to Europe, sun formed. That it was induted to the the foundation of all the modern Europe.

ETRIOPIC.		ARMENTAN.
Alf Bet Gend Gend Heat Heat Heat Tail James Car Hibres Hale Hale Ar Tail Hale Hale Hale Track Track	Blif Be Gain Dal Dal Ile Waw Gim Hite Ta Ye Cof Lam Mean Mean Mean Ke	All Ue Blin Tache Blin Pacha De De Cha De Ch

be torned eather to the Egyptian, this Phenician, or the Pelasgian, which was spoken by the Pelasgi, a Celtic people, who first took puncession of Greece, or the fales of Elistis as it is called in Scripture. as to give them an air of originatity waster it may also seem casarry answer than this does not in reality belong to them. Thus Pelasgina and a common original with a t in that the Greek, from the inventive the truth and Welsh, the primitive than does not in reality belong to mem. I must relarging and a common original with it is that the Greek, from the invanity of the litch and Welsh, the primitive familiars of the people, acquired as poculiar grains of the people, acquired as poculiar grains of the people, acquired as poculiar grains and a richness of expression model to two blacks which were peopled by two kindred tribes, the descendants of Magor and Gomes, the sum conded from Scythia to Entrope, and tank present. That it was indested in the the financiation at all the modern Europe gyptan for the among of the fetters will integrated. These peoples which instantial the Greek alphabet with the blockle, were afterwards smaller, by the Color.



much esseemed in iniconry. It is next to the boxrard in size. LANTERN FLY. A recognisate in-

A nort of bawk, formerly

extracedinary light from the hollow of its LANVARDS (among Mariners). Short

pieces of rope fastened to several parts of aship LAPIDARY (in Commerce). One who

LAPIS INFERNALIS. A sort of LAPIS LAZULI (in Painting).

stone of an usure or blue colour, of which the paint called ultramarine is made. It is a supper see, very compact and hard, and is found in tumps of a heautiful blue culser, righly variagated with clouds of white and veine of chining gold colour.

LAPSE (in Law). An emission on the part of the patron to present to a benefice within six mouths after it is vacant, upon which default the ordinary has a right to sullate to the said benefice.

LAPSED LEGACY. Pallen or lost by a lapse, as where the tegater dier before the testator, &c.

LAPWING. See PRIMIT.

LARBOARD, A sen term for the left hand side of a ship, when looking towards the stem or head.

LARCENY. The fidunious and fraudo

lent taking away the personal goods of another, which in England, is petty larcany if the thing he of the value of twelve pence or under, and grand incomy if above that

LARCH. A lofty tree of the pine kind, bearing tenves like those of the pine, and a next of mushroom for the fruit. The game of this tree is called Venice turpentine. The leaves fidl off in winter. The timber, which is remarkably durable, is used in

uliding ships.

LARDER. The room whose meat is

LARES. The demestic or issueshild gods assess the Romans, places in some private part of the house, which the facilty

relate part of the bosses, which the mainly meaned as their protection. EABGE (in Music). The prested mea-met of masteri quantities; one large conlalalog iwn longs

LABGE. A wa plome for the what when it consent to line of a surp's course in a favourable direction.

LARGESS (in Hostondry). A grid to

LARGO (in Monic). A clow a

LARK. A well known singling hird, this most remarkable species of which is the skylart, that sings no beautifully as it is soaring in the air. This bird is not feated is America. Our meadow lark bears some resemblance to it, but is hearly two

large,
LARKSPUR, A plant cultivated in
gardens, the flower of which consists of
many discimilar petals or leaves, some of which god in a tail or spor.

LARVA. The grab or enterpillus mate

of some insects so called by Lintennas, but

by athers the cruca or caturpillar.

LARUM. A nort of clock that makes a niss or alarm at a certain bour,

LARYNX (in Anatomy). The top of the windplp, below the root of the toopse. LASSO. A rope with a nesse, used in South America for catching wild castle.



LAST. A measure or weight, a of core, &c. equal to ben quarters, and last of cod fish, &c. squal to from twenty to twenty-four barrels.

LATH (la Carpentry).

LATH (in harponny): A tong, this piece of weed, nailed to the variety of a wall or roof to receive the pluster as exverte. Laths are distinguished secret, ing to the wood of which they are made, A lone. inn hearts of oak, sap tothe, and dear

LATHE (in Turnery). The ongine m is turning wood, &c.

LATIN. The language spoken by the

LATITAT in Engineer spaces by the name of the name of the including the name of the including the name of the including the name of the na





LED

LEAF. A term applied to other objects coembling a leaf u: shape or make, as the eaf of a book; also leaf gold or silver, old or silver beaten into plates of exceed-

pass or a compared to the compared to the compared or silver beaten into plates of exceed-good or silver beaten into the compared to the compa

alliance between different states or parties. LEAR. Any hole or chink in a vessel which admits the water, particularly applied to a ship at sea.

LEAKAGE (in Com Commerce). An allow-chants for the leaking or nor made to m

inning of vossels. LEAP (in Commerce). A measure equal

to half a bushel.

LEAP YEAR (in Chronology). Any
year in which a day is added more than

ordinary.

LEASE (in Law). A conveyance of lands, generally in consideration of rent or other annual recompense, for term of years, for life, or at will, provided it be for a shorter term than the lessor has in

for a succession of the provises.

LEASH (among Sportsmen). The number of three applied to partridges or other game which are killed.

LEASING. The same as gleaning, or picking up the ears of corn after the field in cleared.

LEATHER. The skin or hide of a be

LEATHER - DRESSER. One wh

dresses leather.

LEATHER-SELLER. One who deals in leather. The company of leather-sellers in London, was incorporated in 1382.

LEAVEN. A piece of sour dough put to

LEAVEN. A prece or one.

LEGUTURER (in Ecclesiatical Law). In
LEGUTURER (in Ecclesiatical Law). All mannes or relations
in sections of the section of the section of sections of the section of sections. In proceedings of section of se

LEM

ed page, and creditor on the rie

hand.

LEE. A sea term for that part which
the wind blows upon, or that is opposite
to the wind, as the lee shore.

LEECH. A well known insect that lives

LEECH. A well known insect that Hves in the water, and a commonly used in bleeding. The two principal species are bleeding. The two principal species are the medicinal local, which is employed to draw blood where the lancet is less safe; and the other leech, which is larger, and the principal control of the safe of the same purpose. LEECHES. A sea term for the odges of a mil.

ot a sun.

LEEK. A potherb having long cylindrical and coated roots. It has something of the flavour of the onion.

the flavour of the onion.

LEES. The drep of wine.

LEES. The drep of wine.

LEET. In England, a little court within a manor, having a criminal jurisdiction.

LEG (in Anatomy). A limb, and that part of the animal body which serves for walking.

walking.
LEG (among Artificers). Whatever sarres for the support of a thing, so the leg of a stool, &c.
LEG (in Mathematics). The two esides of a stool, &c.
LEG (in Mathematics). The two esides of a stool see a culed the legs.
In the leg of a stool, and a stool see a st

legatee.
LEGATE. A cardinal or bishop sent by
the pope as his ambassador to sovereign

princes.

LECEND. A book used in the ancient Roman churches, containing the lessons that were to be read; also chronicle or register of the lives of saints.

LECEND (armon Antiquarians). The lacerition on the edge of a medial or colo.

coin.

LEGERDEMAIN, or SLIGHT OF HAWD.

Tricks which, from the dexterity of the
performer, are made to deceive the ob-

STYPE.

LEGION (in the Roman army).

ody of 6000 foot and 300 horse, or less.

LEGUMEN. All manner of pulses.

LEGUMEN (in Botany). That Specification of the second and second arms of the second arms.

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LEV

by a merchant to his correspondent, ade has drawn upon him. LETTER OF ATTORNEY (in Law).

A writing whereby a person constitutes another to do a lawful act in his stead, as to receive debts, &c.

LETTER OF CHEDIT (among Merchuots). A writing by one murchant to another, desiring him to credit the bearer with a certain sum of money.

LETTER OF MARQUE. An extraor

dinary commission, granted under the king's seal, to merchants or others in the time of war, to make reprisals on the eneme

LETTUCE. A garden berk much u

as a mind.

LEUCITE. A stone of the garnet kind. LEVEL. An instrument used to make a line parallel to the borizon. The plaint level is that which shows the hortanetal line by means of another time perpendicu-lar to that described by a plummet or pendologo, which instrument consists of two legs or branches, joined together at right angles, whereof that which carries the librard and pittomet is about a foot and a builf long, the thread is bung towards the top of the branch. A telescope is placed on the horizontal branch of the instrument, baving a hair placed horizontally structured, fixting a mar peaced normanitary arraws the focus of the object glass, which determines the point of the level. The telescope is flattened by a ball and socket.



LEVES Is England, a company of the mobility, gentry, &c. who beautible to pay their response to the bing. It consists of mon only, by which it is disjo-

Aphatici. Letters we conjound of yowels and forms a draw tingerment, we have had in an electron and the product of the product stations, in order to determine this majora of one place in respect in amorther. The subjected figure shows the manner of real ing the difference of the level of a place. where there is a level line and two say level with each other, whereby the parpendiminar distance between the surface of the ground and any point in the level line the grand and any point is the first line may be discovered. The art of tevelines is particularly applied to the laying out grounds even, regulating descents, drainuses, conducting water, &c.



LEVELLING (in Portification) reducing an uneven surface to that of a plane, so that the works may be of a cortesponding beight and figure.

LEVUR, One of the six powers, which

LEVER, One of the six powers, which may consist of any instrument, as a straight lar of iron or wood, a M. supposted upon a faircum or prop. C. having a weight, W. at sue sein, Power, P. as the other. Than A C and B Power, P. as the other. Than A C and B or the arms of the lever. Of this kind are balances, scales, pincers, &c.



LEVERET. A young hare. LEVIGATION. The unchanical poor of grinding the parts of bodies a by rubbing the flat face of a stone called a mother, up sailed the table or stab.

LEVITE, One of the telles of Levi, or

LEXITO OR OF THE STREET OF THE LEXICOLULARITY. The art of witting OQ C

LEVIUS PHIAD, Digitized by



produce of a West Indian tree.

LdLAC. A tree of the syrings trib

which bears a pretty flower early in the LILY. A plant with a built personnel rose, the flower of which is eix petalled and camposulated.

LIMB. A pointed or articulated part of

LIMB. A ponten or articulated part or an animyd body. 14MB (in Astronomy). The utmost edge or border of the body of the sun or

of which is a strong mid.

curves or right itues. LINE (in Fortification). Whatever

drawn on the ground of the fintd, we drawn on the ground or the state teach, or a row of mbions, we take to the teach, or a row of mbions, we take to the teach of the military of

LINE, or a Suir or you Labor On Steam

Letter, or start or van letter (in least letter). In any vessel of war to define the drawn problem of the letter of the LLMS. (in Geography). Another man for the expanse, or support a line of the letter of the le

ANY OF INSTITUTE The disposition of the body of the superior of the body of the superior of the body of the superior of the superior of the body of the superior of the superi



LOA

ten pence sterling.

LIXIVIUM. A lye made of ashea

An attentive tribe of and male, classed by Linneus under the genus lacesta, conversionaling the crocodile, has-tilled, chameleon, and salamaniler. The lizard, properly so called, is a little raptile of a green colour, and is frequently to be met with in gardens or underdunghills, &r.



LLAMA (in Natural History). An animal of the camet kind in Peru and Chili, which has a bunch on the levest, long, and hair, and defends itself by ejecting its



LL. D. L a. Legum Doctor, or Doctor of the Civil and Cansu Laws. LOAD (in Commerce). A certain quan tity of may or timber, about 2000 lim. of

bay, and of timber fifty feet, LOAD (among Miners). A vain of ore, the leading vein of a mine.

LOAD (in Husbandry). A trench to LOADING A GUN, Charging a gun.

LOADSMAN, The pilot.

LOADSTONE. A sort of one dug out

of iron mines, on which the needle of the mariner's company is touched, to give it a direction north or south. It is a peculiarly th new of iran, found in large masses in Figure 2 to the board in targe masses in England, and most other places where there are mines of that metal. It is of a par, and when fresh broken, it

LOC

LIVEE. A maney of account formerly theater forms, of quarterns or half a med to France, upual to twenty some, or large; about eighty quarterns are a

from a sack of floor.

LOAF (among Some bakers),
of sugar of a conical form. LOAM, or LOME. A pasticular his

of fat, unctions, and isnuctions carrie, that is used much by gardeners in making com-

LOAN, In general, any thing introduced to another to be returned again; particu-

to abother to be intermed again; particularly money.

LGAN (in Political Economy). Sums of money terrowed from individuals applied by the political public baddes for the service of the start.

This practice of barrowing money to deduce This practice of narrowing momey to been the extraordinary expenses in three of we which has been adapted in Great British during several of her late weres, has give rise to the national slebs. All toams on the part of government in England, are part of government in England, are contracted for by the Chancellur of the Exempter, and afterwards confirmed by particular, and formerly to be greated by public budges to the king in consider tion of certain privileges that were m to them, but now money to advanced by individuals, in case

accessed by individuals, the consideration of receiving interest,
LOBRY (in Architecture). A kind of passage, room, or gallery, as the labby in

a theatre.

LOBBY (in Naval Architecture).

small room ness the bread room in vessel of war, appropriated to the use of the surgion.

LOBE (in Aminon). A division in any ody, as the lungs or liver LOBE (in Botany) A division in sends,

inch as leasn, pear, &c.

LOISTER: A small clusterous fish, having a spik. A continuous fish, having a spik and hody, with a long and and long anten. w. Labasares are fluend an most of the rocky causes of England, and



LOCAL (to Law). The or local plant; thus real actions are breat, too.

nines of that medi. It for a plane; time real arrives are breat, becomes given and when real because the survey of the same realists. A time of breat of a serious are all the manufactures of the same of the sam

Licia

geometrical progress to with which those indices correspond, thus, 2 and 3 sides together are equal to %, and the was been d and o corresponding with those indices being multiplied ingeller are equal to 20, which withe number answering to the index 5. So If any Lodes he was from another, the difference will be the index of that unmitter, whilely in equal to the quatient of the Iwo terms to which these ledices belong, thus the index 6—1 a=0, then 6s divised by 16, the terms corresponding to time two ladices leaves the quotient 4, which answers to the index the quotient s, which showed to the index 2. Legarithms being the expenses of ratios are on that account railed indices, these the logarithm 2 is the expenses or index of the several numbers in the gramatrical series over which it stands, as ut. or the square of 2 equal to 4 to the first series, 32 or square of 3, that is 0, in the second series, and 100 or the square of 10, that is 160, in the third series; so likewise 3 is the index or exponent for the cabe numbers 3, 27, 1000, &c. over which it

LOG-BOARD. A table on which an account of the ship's way is nearled.

LOG-BOOK. The book in which the LOGIC. The art which teaches the right use of reason, and brests of the several operations of the mind which are em-

ployed in argumentation or reason LOG LINE. The line factored to the fifty feet in length, by knots or pieces of twise, unrecved between the

rands of the line, which show, by means of a half-minute glass, how many of these sphere or knots are run out in half a minute, and as the distance of the knots and hears the same proportion to a ceile that blers the same propertion to a some that half a minute does to an boar, whatever number of knots the amp runs in half a minute, the same number of miles she runs

to an none,
LOGOGRAPHY. A costline of printing
in which the types form whole words inaroud of letters. By this method the nemary of the compastion to law burden and the luminous presents with some ex-politions and too Hability to err. It is also said that the log-graphic number is not non expensive than the continue method.

LERGWOOD. * seri of most used by

Liberrythin. 2 seri of more used by dysor, satisf size Compacts wood, he stone it was submain trought from Cam-City, in New Spain. Lagrenced is say and from to its therms, exceedingly ser to to took into water, er, of a de

LOG

It pieds he colour heats to species water material, but should extracts at those practic those water. Acids toro in dye to a garlow, alkatica decemen no as

and gree it a proping or whoter home.

LOMENTACEAS (to formany). To make of the thirty-third natural profits. Langens's Pregnome, consisting of plant many of which literate henoutful dyes, and the pericarpium of which is always a pad containing steels that are surfusceous, of meally, like those of the tame, or the amthe wild scane, logwand, mimous, or the

LONDON PRIDE. A plant bearing a LONG (in Music). A mate squart to two

LONG BOAT (among Martiners). The troopest and longest hour belonging to s

LONG BOW, An ancient brow that was LONGIMETEY. The communiting of ingthe or distances, both accomplise and

inaccombie.

LOGGITUDE (in Astronomy). An array of the exliptic intercepted between the beginning of Aries and then points of the

ecoptic cut by the circle of longlinds b longing to any star, LONGITUDE (in Geography) tent of the earth from a nt of the earth from cost to west.

of the equator intercepted Butteres n some of the equator interpretate a servician according to the meridian passing through the proposed the meriana patents and the property of the property place. This may be estimated on the control of the control of west side of the first meridlan.

LOOP. A sea turn for the after part of LOOKING-GLASS, A

LOUNTENED LINE TO THE LAND TO THE LINE TO

LOOM (smarry Weavers). which the process of wraving in per-LOOM. A wa term for a sleep which

LOOP (in Genney). A ment of street o

LOOP (in templety). It seems from the barrel of a gon.
LOOP (in the Iran Works). A part of new or block of one bein, he has a melted off from the real

LOOP Assistant to the LOOP Assistant to the LOOP Assistant to the LOOP HOLDER forms Martiness in the results of the Re form markets three LOOP OLDER for the LOOP COLDER for the LOOP COLD



MACCAW.

& kind of pure

wise distinguished according to the architectural muchine, electricial some hydrastic muchles, &c.
MACHINE INFERNAL

MACKON COUNTY & Stand of garnet.

MACHINE INFERNAL. A machine according to the large of the nutraing of those one on the large of the nutraing of those one on the large of the nutraing of those one on the large of the nutraing of those on the large of the nutraing of the large on the large of the large

234

MAL

ative of Florida, and b

milkenis dower.

MAGPIE. A conning, variegated bird
MAGPIE. A conning, variegated bird
sommen in Europe and found in the wassure repions of the United State of
MAHOGANY (in Bonay). A beautiful
MAHOGANY (in Bonay). A beautiful
Manerica and the West Indies, known by
the boaniest amone of the swetenen masupegani, or the mahogany tree.

MAHOMETAMS Bellevers in the docrines and divine mission of the imposter
Mahomest. Am

MAIDEN-HAIR. A plant, native of th

MAJESTY. A title given com kings. It was first used in England in the reign of Henry VIII. instead of high-

mess.

MAHHEM, or MAYHEM. A corporal
wound or hurt, by which a man loses the
use of any member. It originally applied
to such corporal injuries as rendered a
man less fit for war.

MAIL, or Mail Bag. A leathern bag

MAIL, or Mail Bao. A leathern has for the conveyance of letters.

MAIL-COACH. A coach of a particular travelling, several of we appellious travelling, several of we have considered by government for the conveyance were of the particular travelling part of England. Mail coaches we no all particular travelling to the particular travelling to the particular travelling to the particular travelling to the particular travelling travelling to the particular travelling travell

MAINPRIZE (in Law). Receiving a person into friendly custody who might etherwise be committed to prison, on secu-rity given for his forthcoming on a day appointed; a sort of hail.

ppointed; a sort of bail.

MAINTENANCE (in Law). The wrong-

al upholding another in a cause, MAJOR (in Military Affairs). An officer

MAJOR-GENERAL. He who recei MAJOR OF A BRIGADE. The officer the receives the orders from the major-

MAJOR OF A REGIMENT. The offi-

m next the lieutenant-colonel.

MAJOR, Tewn. The third officer of a

MALACHITE. A mineral, the green mALACHITE. A mineral, the green carbonate of copper, found frequently crystallized in long slender needles. It consists of a oper, carbonic acid, oxygen,

and water.

MALACOLITE. A mineral found in the naver mines in Sweden, and also in Nor-ray, consisting of silica, lime, magnesia, lumina, oxide of iron, &c.

MAL

MAIZE, or Indian Corm. A well kno-plant, once peculiar to America, but n extensively cultivated, in France, Ger ny, Italy, and parts of Africa and Ar It is one of the most important of all be stuffs, in the United States.



MALADMINISTRATION. Bad ma-agement of public affairs, or a misde-neanour in public employments. MALAPROPOS. Unscasonably, or at

MALAPROPOS. Unseasonably, or at an improper income. MALATES. Saits formed by the union of the malic acid with different bases. The malates of potash, sods, and ammonias are deliquescent. MALE. One of the sexes of animals. MALE FLOWER. A flower that bears stamens only, without pistile. MALE SCREW. A screw that has the spiral thread on the outside of the cylindrical properties.

MALIC ACID. An acid discor MALIC ACID. An acid discovered by Scheele, shout the year 17a. It is procured from the juices of many fruits, better than the particularly from that of one particularly from that of the particularly from that of the particularly from the office of the particularly from the particularly from the particularly from the particular than the particul



MALLOW. An herbaceous plant, mos species of which grow wild in the field The common sallow is an annual; be there are several species which are portes nias and binary.

LT. Barley prepared by a particula s, so as to fit it for making into bees



MAP

mosphere, but the form e air in which it is fou e air in which it is found. MANOR (in Law). In England, a nobl

sciently granted by the bring to some baron to dwell upon, and to exercise a jurisdiction greater or less within that cirsuit: this was in part let out to the lord's eait: this was in part let out to the ford's tenants, and part was reserved for the use of his family, which latter was called terra dominicalls, or demesne. Some part was left uncultivated, which was called the

MANSION (in Law). The lord of the anor's chief dwelling house within his

MANSLAUGHTER (in Law). The killing a man by misadventure without MANTELETS (in Fortification).

kind of moveable parapets used in a slege. MANTIS. A sort of insects, of which MANTIS. A not of innexts to which there are numerous species, dies which there are numerous species, died by the difference and singularity their shape. The chief species in English their shape. The chief species in English because when skiling it holds up in two fore legs as if in the attitude of prayer. This is a rapsecious insect, that situates other insects with great forceness.

MANUAL. Pertaining to the hand, as meaned operation, an operation performed by the band.

by the hand.

MANUAL, Store (in Law). The signing of a doed or writing, under hand and seal.

MANUAL (is Literaries of the hand, which would be carried in the hand, which constains a compendame of the company of the

MANUFACTURER. One who e

is capital in manufacturing goods.

MANUMISSION (in Law). The act c offanchising, or setting a slave or bos

man free.

MANURE. Whatever serves to enrich
the ground and fit it for husbandry purposes, as dung, loam, soap sahes, &c.
MANUSCRIPT, abbreviated MS. or in
the plural MSS. A book or copy writen
with the hand, in opposition to a printed

copy.

MAP. A plane figure representing the surface of the earth, or any part thereof, togetner with theseveral dilyisions of land and water, and the several countries, as, and the like. It is called a universa, and the

ap when it represents the nts the wh MAR

and a particular map sents particular regio me or countrie map is properly a representation of as distinguished from a chart, which presents the sea or seacoast.
MAPLE (in Botany). A tre

there are numerous species, of Linneus under the scientific a Linneus under the scientific name acer. The acer sacharisms, or sugar maple, in North America, is one of the most remarkable species, from which, by tapping the trees early in the spining by capring a continuous states of the most remarkable species, and the spining special spining the spining spining

MARSLE. A sort of feasile comp chiefly of lime, moderately hard, form ing with and soluble in acid monet and calciving in a slight fire: so man admit of a fine pollsh, they are us as ornaments in building. Martile is found in most of the mountainous parts of Ed in most or the mountainous parts or at rope. Derhyshire abounds in this article as also the Isle of Anglesses, where the is a beautiful markle called Versie de Co sica, because it is found likewise in Co

sica, because it is found likewise in Cor-sica, and in some parts of Italy. MARBLING. The painting any thing with veins and clouds, so as to represent

MARCH (in Chronology). The this month in the year, which was former the first month.

the first month.

MARCH (in Military Affairs). The
movement of a body of troops from one
place to another; or the stopping of a
solder according to a certain form.

MARCH (in Music). Any piece adapted
to a solderie march.

MARCHES. Borders or confines, par ticularly the boundaries between England and Walce.

MARIGOLD. A plant cultivated in gardens, which bears a radiated, discous flower.

ower.

MARINE, A general name for the navy MARINE. A general name for the navy of a kingdom or state, comprehending also all that relates to me perfect fairs, as the building, rigging, arming a fairs, and the building, rigging, arming a fair, either for partial and the state of the

MARINE REMAINS. The shells of sea fishes and sea farts of crustaceous and other sea animals found in digging down other sea animals found in digging down great depths into the earth, particularly the tops of mountains, which, as they prove that these places were once coxed with water, an considered as yestifyers an atriking evidences of the general, delange



officer in the army.

MARSHALLING (in Heraldry). Th manageralizate (in Heraldry). The disposing of the several coats of arms be-louging to distinct families in one and the same escutcheon, together with their orna-ments; one branch of the science of heraldry.

MARSHALSEA (in England). originally instituted to hear and determine causes between the servants of the king's household and others within the verge of the court, that is within twelve miles round Whitehall, in London.

MARTIAL LAW (in England). T law that has to do only with soldiers and seamen where the king's army is on foot. This law differs from the common law, in This law differs from the common law, in as much as it depends upon the pleasure of the king. In cases of riots and rebellions, Martial Law is sometimes proclaimed when the civil power is not strong enough to preserve the peace.

MARTINGALE (in the Manego). At thous of leather fustands at one and of the girts under the belly of the horse.

MARTINGALE. A sea term for a rope, extending from the Jib boom to the end of the burnkin. on law, in

MASCULINE GENDER. The gend of nouns that denote the male sex. MASH. Bran scalded in hot water and given to a horse or cow, &c.

MASHES OF A NET. Holes forme

by the strings of a net.

MASHING. The mixing the malt as

MASHING. The mixing the mail a of water together in brewing. MASK. A covering for the face. MASONRY. The art of hewing, cutting

or squaring stones, and fitting them for the use of buildings; also of joining them to-gether with mortar

gether with mortar.

MASONS, or WORKERS IN STORE.
Were incorporated in London about the

year 1419. MASONS, FREE, OF ACCEPTED MASO

MASONS, FREE, or ACCEPTED MASONS. A fraternity of great antiquity, so called because the first founders of that society were persons of that profession. They are board by an coat of secrecy not to reveal any thing that passes within the society, and the members throughout the whole world are known to each other, by contain ascert gime.

ertain secret signs.
MASORITES. The rabb'es who, under 1 the Hebrew Bible of the errors rept into it during the Babylonish Ry. They divided the canonical into twenty-two, and the

MAS

chapters, and the ch MASQUE (in Architecture).

deces of sculpture representing his forms, which serve to fill up vacant sp MASQUERADE. An exhibite An exhibition which persons, having masks coost together and represent diff

MASS (in Ecclosisatical Affairs). 2 ritual or service of the Romash charm when the prayers are simply rebears without singing, it is called Low Mis but when the prayers are sungs by obseters, and the service are rungs by obseters, and the service performed by Gazon and subdeacon, it is called H or Grand Mass.

or Grand Mass.

MASSES (in Painting). The parts of a picture containing great lights and shad-

ows.

MASSICOT. A yellow exide of lead.

MASS-PRIEST. The name for priest
who are kept in chantries or at particula
altara, to say so many masses for the soul

altars, to say so many masses for the seeks of the decease, at vessel, to which the yards, MAST. The upright beam or poist on the deck of a vessel, to which the yards, sails, &c. are fixed. The main mass is the largest mast in the ship; the command is the next in size, standing near the vessel to the ship; the mizemant, the small out of the three, stands between the mainmass and the stern.

MASTER (in England . The name of anastek (in England. The name of several officers who preside in their several departments, as Master of the Amay, Master of the Ceremonics, Master of the King's Household, &c. ing's Household, &c.
MASTER OF THE PACULTIES (is

England). An officer under the Archbish-op of Canterbury, who grants licenses and

dispensations.

MASTER OF THE HORSE (in England). A creat officer of the crown, who orders all matters relating to the king's stables.

MASTER OF THE ORDNANCE (in

MASTER OF THE ORDNANCE (in England). A great officer who has charge of all the kings ordnance an estores. MASTER OF THE BOLL of (in Eng-land). The chief assistant of the lord chancellor and tork keeper, the state keeping of all the rolls and grants for MASTER OF A SHIP. And officer a public ship who inspects the provisions, tores, &c.

a public ship who inspects the provenance stores, &c., MASTER AT ARMS. In aship of war, he who has charge of the small arms, and exercises the petty officers, &c., MASTER OF ARTS. The second degree taken up at Cambridge and Oxford in

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not my reason to namer, and Minds Backenmins, which treat of the properties of quantity, to applied in material or maalie opers, not interview with physi-al pumilentiant, or introvers, propri-

phy, narigodies, mechanics, surviving, otherten, in. The littlewing list of the women who have distinguished themselves in the diffiwill furnish the best historical view of purbroative in grainst.

S. E.

8. t.
728 Cardinina, Sin Chicese philosopher.
728 Cardinina, Sin Chicese philosopher.
728 Cardinina, Sin Statistical Cardinina.
729 Constroute, an astronomer. Austra729 Constroute, an astronomer. Austra720 Constroute, an astronomer. Austra720 Cardinina.
720 Cardinina.
7

Hills Attention of Front and Hall Street Early Services for Front and Hall Street Early Services for Early Services Early Services for Sacratement, and the Alphanouse Labor. In Services of Sacratement, on Francisco Marie Sacratement, on Francisco Marie Services for Services of Early Services on Services for Early Services on Services (Services Services Services

Delan. Louis Bassin, in opher. Component, an a fellis, at a quision. Est like at the control of the control of



MEA

c. in which any mineral sul MATRON. An elderly res

o m employed as a nurse in i MATRON (in Law). A married we

MAIL ROW (In Law). A married woman of experience, who is in certain cause em-unancialed upon juries MATT. Rope yarn, junk, &c. beaten flat and interwoven to save the yards, &c. from gailing. MATTE Paruvian tos, much used in South America.

MATTER. That which is the object of ur senses, and appears under the diverse bruss of solids, fluids, and gases.

MAUNDY THURSDAY (in Engand). The Thursday before Good Friday, a which the king is accustomed to give

i which the home.

MAUSOLEUM. A stately seputchr MAUSOLEUM. A stately seputchr aft by Artemisia, queen of Carta, for he seahand Mausolus; also any pompon spatchral monument.

(ii) Mathematics). Th

spatched sonument.

RAXIMUM (in Mathematics). The
RAXIMUM (in Mathematics). The
reases quantity attainable in any case.

MAY. The fifth month in the year.

MEAD. An agreeable dish by year.

MEADOW. Ground covered with of

MEADOW. Ground covered with of

MEADOW. SWEET. A herb with

MEADOW SWEET. A herb with

MEADOW SWEET. A herb with

MEADOW streams of the stream of the streams o

and the way of the second of t

tween two extremes, as a mean motion can distance, arithmetical mean, geomet

MEAN ARITHMETICAL. Half the sm of the extremes.

MEAN GEOMETRICAL, or A MEAN

PORTIONAL. The square root of the MEAN HARMONICAL. Double

rth proportional to the sum of the exemes.

MEAN TIME, or Equal Time. The
which is measured by an equable motion

which is me MEASLES A di rder inciden m, consisting of a fever, attended with immation, cough, and difficulty of

reathing
MEASURE. Any given quantity by
shich the quantity, length, breadth, thicksee, and capacity of other things may be

TEASURE (in Geometry

MEC

which the ratio of other similar qu is expre m expressed, thus the measure the extension of a right line which is to be considered and inch a feet are of inch, a foot, or a yard. MEASURE (in Arith

MEASURE (in Arithmetic). A cer number or quantity, which being repe a certain number of times is equent to the first in bigger, to which it has reint as 6 is the measure of 36. MEASURE (in Music). That note the semilevee, by which all the o notes are measured or adjusted to its

MEASURE (in Poetry). A umber of syllables metrically m MEASURE (in Commerce). MEASURE (in Commerce). Determ manufactures, by which all things the are lought and soid are measured as their quantity, and estimated as to the trate: these are various in different cou-

MECHANICAL. Pertaining to

MECHANICAL AFFECTIONS imong Philosophers). Such atter or body as arise from sch properties of from its figure, bulk or motion.

MECHANICAL PHILOSOPHY. The

MECHANICAL FRILACOPHY. The which explains the phenomena or appea-ance of nature from mechanical principle, viz. from the motion, rest, size, fig-ure, &c. of the small particles of matter This is the same as the corpuscular philes

ophy.

MECHANICAL POWERS.

MECHANICAL by which all c MECHANICAL POWERS. The six simple mechanics to which all care, how complex source, may be reduced, and of the assembles whereof they are complex source, may be reduced, and of the same though whereof they are the same they are the palley, the inclined where the palley, the inclined plane, the welfar they are the screw. These six might be reduced to the screw and wheel are only assemble for the pulley and wheel are only assemble are inclined planes.

planes.

MECHANICAL SOLUTION OF A
PROBLEM (with Mathematiciane). Is a
construction or proof not done in a strictly
geometrical manner, but by the help of MECHANICS.

The sc or that branch of mixed mathem which treats of the effects of power ich treats of the effects of por ving forces, and applies them nes and engines. Newton divichines and engines. Newton divides the science into practical and rational; the former of which relates to the mochanic powers, namely, the lever, balance, when Any cer- and axis pulley, wedge, screw,

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244 MEN

MEERSHAUM. A fine sort of Turki ay, of which pipes are made in Germ various forms. It assumes a beau arious forms. It assumes a bea on colour after it has been use s a beautif

Brown coour saler it has been used for smoking for some time.

MELLITE, or Howev-Stows. A mine-ral found first in Thuringia, which is of a honey-yellow colour, and is usually crys-tallized in small octaedrons. MELLITIC ACID A substance pro

MELODY (in Music). The ag

ation produced by a regular succes t sounds. of differen

MELOE. A sort of insects, of which the two principal species are the oil bettle, of called because, on being handled, it exso called because, on being handled, it ex-udes from its legs, drops of a clear, deep yellow oil or fluid, of a very peculiar and penetrating smell; and the meloe vesica-torius, or Spanish fly, which is used in raising blisters.

raising blisters.

MELON. A plant of the cucumber tribe,
the flower of which consists of one bellshaped leaf cut into several segments. The
fruit is mostly of an oval shape, and filled

with seeds.

MEMBRANE (in Anatomy). A broad,
nervous, and fibrous substance, which
serves as a covering for different parts of
the body, particularly the brain and the

MEMENTO A hint to awaken the

memory.

MEMORS. Histories written by the
who have been witnesses of the transs
lons, and acquainted with the person
which they describe.

MEMORANDUM. A short note, i

me better remembrance of a thing.

MEMORIAL. A monument, o

er else serves to call a thing or perso remembrance.

MEMORY, ARTIFICIAL. MEMORY, ARTIFICIAL. A method of sisting the memory by some artificial nerivance, as that of forming certain ords, the letters of which shall signify e date or era to be remembered. Various he date or era to be remembered. Va levices of this kind have been hit up MENDICANTS. Monks so c

MERUPORITIO: sevene so clauses, who go about begging alms.
MENSTRUUM. A liquid which serves to extract the virtues of any substance, binfusion, decoction, &c. Water is the mensurum of all salts, olls of resines, acids of alkalies and the like.

kalies and the like.

MENSURATION. The art of measurig lines, superficies, and solids, which, in
masquence of its extensive application to s of life, is consid

MER

Euclid treats of mensuration, regards surfaces, only of the measuratriangles; and in regard to cas figures, he attempted the measurath ecircle and the sphere. Are carried this subject to a much green; the found the area of a past two thirds of its circumscribine. be two thirds of its circumscrib which, with the exception of the of Hippocrates, was the first inse the quadrature of a curvilinear spe the quidrature of a curvilinear space.

Illikewise determining cryding and conclude to their curvaneribing cryders, and has their curvaneribing cryders, and has conclude to their curvaneribing cryders, and has concerned and the concerned and concerned and the collection of the state of the cryding concerned and the collection of the concerned and the collection of the cryding concerned and the collection of the cryding concerned and concerned and the collection of the cryding concerned and concerned a tio of the circumference to the dia nuls of the circumference to claritating, ratio of the circumference to cold only a problem, in the solution of these so could only arrive at an approximation the ruth, abouting that the arrivation between the ruth of the circumference of the circumference of the ruth o greater approximation. As all hopes of ac-curately squaring the circle and some other curately squaring the circle and some oth curres were at length given up, mathem ticians applied themselves to the finds the most convenient series to the supercrise ting towards their true lengths and quadri-tures; and the science of merutation is laconsequence assumed a more consistent form, as may be clearly some the true tisses of flawney, Robertson, Hutton, as Ronnvasarie.

Bonnycaste. MEPHOTO Polisonous, Hutton, and MEPHITIC Polisonous, like the Mephitic, or Damp, as it is called by the phitis, or Damp, as the called by the miner; as Mephitic Air, as the nozious of the n

lines.

MERCER. One who deals in wrought sliks. The mercen' company in Loudon was incoporated in 1303.

MERCHANT. In England, one that exports and imports merchandise. In the U. S., the term is applied to large dealers meantly.

nerally,
MERCHANTMAN
ASSISTED BY





MEZ

MIL

of con ooting o. falling e ignis fatuus, seen in marshes. METEORIC STONES. Heavy, s

i, that are negrous and a second is after they have exploded.

It after they have exploded.

It which are looked upon by some as a whole are looked upon by some as a whole are looked upon by some as a whole are looked upon by some and to contain

lica, oxide of iron, magnesia, me and exide of nickel. METEOROLOGY. The doctri y of the vari-sephere. The sphere is most in general, or the study of the es to which the atmo ct are such as respect its ten rises. I me resum or these cannings, rains, snow, heats, colds, de he intensity of the winds is meas as aerometer, and the quantity of measured by the pluviometer or rain METER, or COAL-METER. A my

coals before they are METHODISTS. A sect of phy-rho flourished at Rome, and profe-illow the rules of Galen; also a to a sect of

h of Rome against the Pr arch of Rome against the Protestants; In modern by a rule of their own, as dis-pushed from the doctrine and disci-se of the Church of England. The ders of this latter sect were Wesley and situated, the followers of whom are diri-

Affathesis, the followers or winners and the two parties.

METONYMY (in Rhetoric). A figure of speech, whereby one thing is put for concher, as the cases for the effect, the art for the whole, and the like.

METRE (in Pootry). A system of feet many array weres; as pentameter, a weres

composing a verse ; as pentameter, a verse of five feet, hexameter, a verse of six

ine inches. METROPOLIS. The chief city of a

ingdom or province.
METROPOLITAN. A bishop of the rehishop, who is

METROPORTIALS A term tother church; an archbishop ishop of the metropolis. MEZECTINTO. A particula igraving, so called from its res rticular kind of to drawings in formed by pu formed by puncturing the with the grounding too with the scraper, and the with the burnisher or the scraper of the scraper of

eel, to produce the eff MIASMA. The com-estilential diseases.

MICA, or Muscovy G: which forms the essential p mountains. It consists of a mountains. It consists of a numbe thin lamine adhering to each other has long been used as a substitute for g particularly in Russia. MICROMETER. An astronomical

MICROMETER. An astronomachine which serves to measure extended interest in the heavens, &c. MICROSCOPE. An optical instru

which magnifies objects, so that the est may be distinctly seen and de est may be aminicily seen and we see may be aminicipally a seen and the interescopes, it other ingenious discoveries, in other ingenious discoveries, in other ingenious discoveries, in claimed for different authors. Informs us that Drebell, a Dutchin structed the first microscope in I structed the first microscope in 162 Borelli states, in a letter to his he that when he was ambassador in Es-in 1619, Cornellus Drebell showed in 1619, Cornellus Drebell showed microscope, which he said was give by the archduke Albert, and had made by Jansen, whom he conside have been the real investor althese by the archduke Albert, and Ind. been made by Jansen, whom he considers to made by Jansen, whom he considers to made by Jansen, whom he considers to be the real inventor, although F been bonour of point of the property of the bonour of the point of the bonour of the b

MILIARY GLANDS. The small infastely numerous grands, which see the perspirate of the woody of soldiery, with their equipments. MILIARY GLANDS.

body or southry, and the state of the state

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MIS

ancients, made by the boys to their ters before the feast of Mineres. ten before the feast of somerva.

MINIATURE. A deficate kind of printing, consisting of lattle points or dats instead of lines, community done on twory.

and used in taking portraits; also the por-

test their,
MINIM (In Mesic). A measure of time
marked thus, Q, equal to two cretchets.
MINIMUM (in Mathematics). The least mentics strainable in a given case.

MINISTER OF STATE. In England,

me who conducts the offsirs of state by an ority from the king. MINISTER, FOREIGE. A person of

into a fiveign country, to manage the af-fairs of the state by which he is sent. MINIUM, or RED LEAD. An oxide of head, precared by exposing this metal to a great heat and a free access of air. MINK. An animal of the weater kind,

mon in North America, that frequents the banks of streams. MINOR (in Law). An heir, male or

male, within the age of twenty-one. MINORITY (in Law), A state of nonage; also the smaller number of persons give their votes on any questions.

who give their value on any questions.

MINSTREL. A player on any musical instrument; an illnerant performer.

MINT (in Issuny). A pacherb, which has a cresping root and a strong arountie. MINT. The place where coin is made

MINUTE (in Geometry, marked thus(').
The sixtleth part of the degree of a circle; also the statisth part of an bour.

MIRACLES, Works offerfed to a max any different from the ordinary course of unders, by the humandians power of the Almighty, for some particular purposes, MILERON. The surface of any supages body politheds, and obspaced to reflect the may of light which fall upon it, and to suppose the product of the course of the masses of olicies. Mirror on either

rays of light worth the appears, and to represent objects. Mirrors are cither flat, as looking classes; concuve, for the pur-pose of converging the rays of light; or convez, for the purpose of diverging the rays

MISADVENTURE (In Law). A nort of hundride against the mind of the kill-er, partly by negligenes and partly by MISCELLANDE. One of Linners's

the is remarked; represented with all the symbols of war, as the helmer, spear, and gain, but with 6 small-closs retreat shield.

MISLETOP.

Mislattie. A plant which grows in tree, and was thought, it is been a served with the provision tree, and was thought, it is be an activation of the tree of the provision of th and other smusth-rimine apple, ace troop, MISNAIL The code or collect

the civil law of the Jews.

MISNOMER (la Law). The gr

Allanomers (in taw). The grant a wrong name.

MISPRISION. In general, a magnet to as misprision of freezon, a neglect to treason; which was formerly high; MISSAI, The book of the Roses MISSILE

Any weapon thrown charged from a machine, as stones; MISSIONABIES, Ministers ser

any country to preach Cluristianity.

AUSTR. Vapours bovering over earth, which are ofther drawn turwa parts, which are other strawn upwards in mys of the sure, or fall dower by own weight in the shape of slew, cold weather, in that of hear frost.

Mark the straight in the str

cold weather, in that of hear front.

MCTL. One of the smallest immediate immediate is sarrely visible in the trained eye, at he state is the state of the state of the sarrely state of the sarrely state of the sarrely sarr iwo jointed tenurous. It mostly liv



MISCELLANGE. One of Limmus's part of a firsting; and a western and a color of plans, conveniending the sound to the other and a series. The color of a grain, since a western and a grain, since a color of a grain, since a color of a grain.

MISCELLANGE. One of Limmus's part of a firsting; and a western the color of the color of a grain, since a grain, since a grain, since a grain, since a grain and a grain.

MISCELLANGE. One of Limmus's part of a firsting; and a western the color of the color of a grain, since a grain and a grain.





MUSTI. The chief priced across



marcial instruments, expanse to more va-riely and expression, existed at a time when other nations were in an exercisized state. The invention of the tyre is by them The in terminal of the 17 to 15 by them od to florence Triamposition, the Mayor the Egyptison, which is a proof critagina ; left a still greater proof

of the Egyptone, 2 is probable the probable that the probable the probable that the probable the probable that the proba MUSD: The same which resids of the camber, then, division, succession, and the camber, then, division, succession, and a solid control of the division of the camber of the division of the di Earth Millewed of Pythapuras recise, wh to mothemetical Tin t Her of Greek without and be themselves Greek without and be the Deckhart Greek load.



256 NAK

when he will not put himself upon the

equess.
MUTE (in Mineralogy). An epithet for
mierals which do not ring when they are

MUTES (in Grammar). Letters which not form a sound without a vowel after

cannot form a sound without a vowel after shem, as b, c, d, g, k, p, q, t. MUTES (in the Grand Seignior's Se-ragiio). Dumb officers, who are sent to strangie, with the bow-string, bashaws or other persons who fall under the suitan's

spleasure.
MUTES (among Undertakers). Those men who are employed to stand at the toor of the deceased, until the body is

MUTINY. A revolting from lawful au-activ, particularly among soldiers and

NAS

of pitfall for the ensured MYRRH. A resin ed from a tree growing is byssinia. The sort of tre s this substance is not exactly k

yields this substance is not exactly k bett, according to Bruce, it is a a minosa. Myrrh is in the form of brittle, of an aromatic tastle, not m when heated, and burning with difficulties oil by distillation, and forms low solution with water.

MYRTLE. A fragrant shrub, Jamene the anticelus. was sared to a manner the anticelus. was sared to a

MYRTLE. A fragrant shrub, which, among the sncients, was exceed to Yeaus The common myrtie is a native of Asia, Africa, and Europe.

MYRTUS. The generic name of the myrtie in the Linneau system; includes also among its species the primento or all-spice tree.

MYTHOLOGY. The fabulous history of the heather delatie and

mYRMELEON. A genus of insects in the Linasan system, one species of which the Linasan system, one species of which of the beathen delties and becoes, and is remarkable on account of its larra, divine honours paid to them.

N.

sectionnical observations were made; sectionnical observations were made; sectionnical observations were made; single-religion to the section of the section

"ED. A term in Architecture, ap-ther to a column or a wall, to he face or plain surface from se projections take their rise.

NANKIN. A well known stuff, so callstood as a numeral for 500, and, with a
dash over it, thus, N, 5000. N. or No.
neade as an abhervatian for numero,
not not not not not numero,
not not not numero,
not not not numero,
not not numero,
not not numero,
nu

NARIOW. A small passage betwee two lands.

NARVAL. An animal of the white tribe, remarkable for its single tooth stan-ing out like the horn of the unicorn.



NASTURTIUM. A tivated in gardens, as a deep crimson colour





NAV

s, and in consequence of the war save been since carried on in seve sequent reigns, it has risen to its

resent state.

In 1678 the British navy consisted of 2 ships, of which 58 were of the line; in 1689 there were J. ships, and in 1791,

389 there were bove 430.

NAVAL CROWN. A crown among he Romans, given to him who first boarded in enemy's ship; it was a circle of gold wing the beaks of ships.



body or main part of

NAV

explore dis that the P Tyre, who first who made cables for vessels of the shrub spatum wise pushed their discover wise pushed their discoveri-extent. They were perfectly with the Mediterranean and in it, and proceeded to the wither than any other nation. ther than any other nat the Canaries were know the opinion of some the far as America. The for-fitted out, the quantity as America. The fortaidable fied out, the quantity of shipp ed out, the quantity of shipp yays kept in their employ, your they so long enjoyed of t sters of the sea, sufficiently a advances which they made in navig As the Greeks and Romans were addited to war than commerce, the ployed their shipping principally in porting their men to the countries were going to attack; or in engaging snemles at see. Thus the Albanika







NIB

NIG

NEWTONIAN PHILOSOPHY. The NEWTONIAN PHILOSOFHY. The duction of the universe as explained by Sir Issae Newton, respecting the properties, laws, affections, forces, mutuous, &c. at leafles, both retestful and terrestrial. The chief parts of the Newtonian philosophy are explained by the author in his Principle, or Principles of Natural Philosophy.

NICENE CREED. A particular creed

formed at the first general council assem-bied at the city of Nice by Constantine the Great, A. E. Mill. This great has since been adopted by the church of England.

NICKEL. A metallic substance, mostly found in a partallic state, but sometimes

in that of an oxide. Its ones have a suppery red color. NICKEL KUPPER, or the Sournouge or Nicket, is a compound of nicket, arsenic, and a sulphuret of iron.

NICTITANT MEMBRANE (in Com parative Anatomy). A thin membrane chiefly found in hirds and fishes, which owers the eyes of these animals, so as to shelter them from the dust and excess of

NIGHT (In Law). The period of darkness, when a man's face cannot be dis-

MIGHTHAWK. An American bird, that makes in appearance at evening, and is seen high in the sir, flying about in parent of insects. It has been erro-neously supposed that it was the whip-



note breat during the night, to

NEWT. A small animal of the litered | NIGHT ING SLE. A seeds become as ropean bird, that sings beautifully dies



NIGHTSHADE, OF DEADLY RIGHTSHADE, or Dearer Nu-Mark. A poissoned place, bearing a shaped corolla, from the feaves or which pulsiers extract a Gog green. SIBIL DICHT (in Law). A failure the part of the aderadation to put in an away to the poisson.

which oniesion, judgment as of bad against him.

had against nin.
NILOHAU, or NYLGHAU. The reslan name for a species of universe, the
antilope picts of Lineaus, having home best fieward, and the upper an under parts of the nexts marsed.



NIMB.'S (among Antiquerians). A circle observed on some medats, or re-the brad of some emperors, unswering the circles of light drawn around the gen of saints

NISI PHIUS. In England, NES FOIUS. In England, a make the interest to the judges of most make the profile of makes and profile of the interest of the profile of the interest of the i





the warm's main.





the equator, being now estimated at some-thing less than 22 degrees 28 minutes, as the ectiptic approaches toward to a paralabout 42 seconds in 100 years.

OBOLUS. A small Grecian coin, equal

to one penny farthing.

ORSERVATION. The observing the phenomena of the heavenly badies by come of any instrument.

ORSERVATORY. A place emutad in some tofty situation, and fitted up with telescoper, quadrants, &c. for the purpose of making astronomical observations, such as the observatories at Greenwich, Paris, Munich and Palermo, which are the most ries. The ancient Chaldrans had also cimi-

OBSERVATORY, EQUATORIAL, or PRETABLE. An instrument for solving many problems in ustrenomy, as finding the meridian, pointing the tel though not in the meridian, in full day light, &c.

OBSIDIONAL CROWN, A crown made of the grass that grew in a hesieged place, which the Romans gave to the eral by whom the town was taken.



An abbreviation for obedient, OFFUSE ANGLE. Any angle greater than a right ungle. See Angun.

princettal, &c.
OCCIPUT. The back part of the bead,

OCCULTATION. The obscaration of any star or planet by the interposition of any ather body, as the moon, &c. OCCULTATION, Cracke or. An imsins these stars that are not visible in our

OCCULT DISEASES. Diseases, the mes and treatment of which are not

OCCULT QUALITIES. Qualities in

OES bedies which do not admit of any ratio OCCUPATION (In Law). The pu

on and use of lands or tongs OCEAN. A vast collection of sail and navigable waters, embasing the caratherns or quarters of the globe, forcope, Asia, Africa, and America, and comprehended

under the several divisions of the Atlantic, the Pacific, Indian, Northwa, and St en Chen

OCRLOT. A very flerce, but beautiful animal of the cat kind, found in South OCHRE. A surt of earth consisting of

ina and red oxide of ire OCTAGON. A figure of sight sides and ungles.



OCTAHEDRON. One of the five regu-

OCTANDRIA (in Botany). One of the Linnean classes, consisting of plants having eight stamins to each fi



OCTANT. An aspect of two planets when they are distant from each other 45 degrees, or the eighth part of a circle.

OCTAVE (in Music). The eighth inter-

val in a scale of sounds.

OCTAVO, i. c. in cichi, aspreu printers thus, eve. The form of a page by folding a sheet loto eight leaves, so as to make it consist of sixfeen pages

OCTOBLE. The eight mustle in the year, containing thirty-one days.
OCULIST. One who cares the di

ODD. An epithet for any number in the

series of 1, 3, 5, ", inc.
ODE. A poun written to be sung to

ODOUR. The sent or soull:
ODOURA. Any toneour or swelling:
OBSOPHAGES. The guilet, a more) brance our canal waveling fruits





structed in a small wooden tube, so as to

without any one knowing exactly who is

OPERATION (in Military Affairs).

ment of a particular object.

OPHTHALMIA. An inflammation of the membranes of the cyc, a disease which

particularly affected the English soldiers

OPINE. A medicine made of opium. obtained from the head of the puppy. It is impacted in cakes from Penin, Archin,

and other warm cliquites; is of a reddish brown colour, and of a namenous bitter mate; and has a powerfully narcot's

property.

OPOBALSAMUM, Balse or Gulks.

A guamay jules of the balsem tree.

OPOPONAX. A guamay, resimus juice

seained from the root of an umbeliaterous plant growing in warm climates. POSSUM.

ves in heles and woody plares, lemale is remarkable for having or three postches, wherein the control themselves in line of dan-

during their stay in Egypt.

OF ATE. A medicine made of opsi

OPERATION (in Chymistry).

pensens that leads to a given result.

by the use of instruments.

sheered. OPERATION (in Surgery). rise of the surgical art which is performed

property

OPTIC. Pertaining to the empt; of Optic Glasses, places ramtrived for viscing objects which cannot otherwise be seen. view a person in a theatry, and, as the glam is made to point at a different object from that which is viewed, it may be used as spectacles, telescopes, microscopes, Ac. OPTICIAN. A dealer in or makes of optical instruments.

OPTIC NERVES. The second pair of nerves of the brain, which perforate the night. OPTIC PLACE OF A STAR.

point of its orbit in which it appears to be In our eye.

OPTIC PVRAMID. A pyramid tigned by mys drawn from the several points Any movement of an army for the attain-

of the perimeter to the eye.

OPTICS. That beared of noticed white

incephy which treate of the mature of light and colours, or of the general distrine of vision. It is distinguished into three vision. It is distinguished to the land, kinds; namely, optics, properly so called, which treats of direct vision; categories, which treats of reflected vision, or that which is performed by memps all rays so facted from speculiums or infrare; and disperses, which treats of refracted children. or that which is performed by means of rays refracted or turned out of simil comme

rays refracted or trigged out of this course to possible through medium or different densities, chiefly through flames or tennes, OFFICS, Between V. The properties of their entered of the entered of their enter the a treation on Half of Columbia of Arm

079 ORN

erous pipes of various kinds and di- taze, hawk, &c.; Piers, including a uccasions, which, for its solomity, gran-dest, and rich volume of tone, is peculiar-by fitted for the purpose for which it is commonly esaphysed. Organa are coun-times of an issuement size: the argan to the organic force. times of an instrument size: the organ on the exhedral church at Clee, in Germany, is said to be Ell floot high and 22 broad, its largest pipe being LI inches in diameter,

and it having sixteen pair of bellows.

ORGANIC REMAINS. A name applied to all these animal and vegetable substances which have been dug out of the earth in a mineralized state, and serve as strong evidences of the universal defugs, and the changes which ensued. They also afford reason to believe that the matter compasing the solid parts of the globe, has undergone violent and extensive revoletions, and that whole classes of vegetables and arimals now extinct have existed on the globe, unterior to the present constitution of things. See Guacour.

ORIENT. The east or rising point. ORIFICE. The mouth or entrance to any cavity in the animal body, ORIGINAL. The first supp, or that

from which any thing is first transcribed ORIOLE. A species of birds, of which

the Baltimore oriole, or hang-bird, is a beautiful variety, well known in the U. States.



ORION. A constellar ern hemisphere, containing from thirty eight to seventy-eight stars, nem-OBNAMENTS (fix

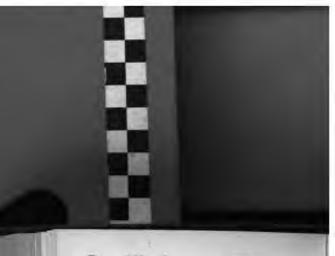
Leaves, ross, channelliags, and the like, which eventuent the different puris of a

ORNITHOLOGY. That branch of Na-Oll NT MOLDEY. That is such of Na-eral History which treats of Birtle, and str names, "white, form, corosany, oral ses, Birds, in the Linnesh system, are d, under the close Aves, into six according to the form of their buts : ocipitres, imtoding the ough, v

ORN

crow, jackdaw, parrot, &c.; Amerea, to cluding the duck, game, swam, gull, &c.; Gralle, as the heron, woodnock, carrien, &c.; Galling, including the percent, pheasure, turkey, domestic first, &c.; l'asseres, including the sparrow, lask, swallow, &c. ORNITHOLOGY, RISTORY OF

only scientific writers on the subject of only examine the nicious were Arbatale and Play. The former of these writers speaks of the different Armin of find adapted to the different species, of which he gives an imperiact noncensistare, and adds some remarks on their various periods of latiding their nests. Pliny's one or informer needs. Printy's re-marks on binds are very described, and are very extended. The first writer among the moderns, who has treated of birds me-thodically, in Peur Belon, who has examed thoughpiles of the processing of the continue of their external form and character. Cournd Genner, his cotem parary, has nisplayed much tearning his work, having given siphalectical tables of the names of birds in Hebrew, Chaldee, of the names of thus in species, Coulder, Arabic, Groek, and Latin, and numerous references to the writers from whom he collected his materials. Addressandus, the reichented naturalist, followed in the steps of Belon and Gesner, and added much to their store of learning and research; at the autos fine illustrating the subject with numerous wood cutz. The next ornithol-ogists of may distinction, after these three. were Willoughby and Ray, the lotter of when published the works of the former, whose published the works of the normer, as friend, with many additions of his cover, in 167s. In this work, the external and internal structure of tirds is described. Jacob Theodore has I to his History of Birds, divides them into families unders, and tribes; the fundliss disringument as cording to their first the orders by the form of the bill, and the tribes by the form of the bead, &c. In the systematic arrangement of Mochring, the clauses, coders, and from at the force are distinguished by the form at the feet and bit. The system of Linnaus, which follows here in order of time, is detect from the year 170s. It is formed from the numbers and habite of the birds, as well as their sutternal form peop Zauteur). Brissen, in his system of Ornithology, has distributed birds into Deminiscrapy, has distributed birds into twenty-six princips, from the firms of the bill and first, the birding under themsone to the birding and the birding to the birdin



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of a building. A delicate blist of the bunting tribe, which visits England before the setting in of frost and snow,

OBYCTOLOGY. The misuos of or-OSCILLATION. The vibration of a

OSCULATION. The contact between

osign. The red water-willow, of which wicker buskets are made.

OSIRIS. An Egyptian deity. OSPREY. The fish hawk, on



OSSIFICATION. The formation of og into a bony strie. OSTEDLOGY. The description of the

Dones.

OSTRACISM. A mode of product the
motions of bankilment among the Athenians by means of thes, on which the
name of the person to be bankind was written.

OSTRACITIS. A kind of crest sticking to fernaces where the bress ore he melted

noited.
OSTERCH. The largest of all histo, he-ing usually seven feet high from the top of the head is the ground, but from the



OUT

The elevation or representation of the front | which are as large as the head of a cath There are three buds allied to the estrict which are sometimes contounded with the the camowary of the Asiatic Istanda, the omes of New Indiana, and the visco of Palamunks.

OTTER. A squaims spinus, that u hobits the honles of rivers, and feeds principally on fish, his far is much estimated. It is fiere and crafty when attacked, but may easily be tarned when young, and taught to catch fish. The sea other, which inhabits the northern was, is the large of the species



OVAL. An obling corvilinear fig. in the shape of on our. The mathematical oval, which is a regular figure, equally broad at such and, is called an ellipsis. OVERSERIES (to Law). Parish offionlys parish roller.

OVERT ACT (in Law), A plain and open matter of fact, moving to prove a

OUNCE. In Avoirdapois weight, to sixtocoth part of a pound; in Froy weight, the twelftir part 1 in Apothococion' weight, equal to eight drams.

OUNCE (in Zeology). An natural of the isopard kind, but smaller and milder than the other species. It is trained to looning in the East Indies.



OVOLO (in Architecture). A convey the granue of a virtu.

Coogle

PAINTING.

arable attendant on a prince, to PAGODA. A Chinese or Hindoo tee de; ains an Indian coin worth about

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PAINS AND PENALTIES. In England, an act of partiament to indict palms and penalties, beyond or contrary to the common law, in the particular cases of great public offenders.

PAINTED LADY, A heautifully

An artist who represents PAINTED. elijacte by colours, as a portrait pointer; also as artises who lays colours on would or stone, &c., so a house painter. company of painters in Landon is of great antiquity, but was not incorporated before the reign of Elizabeth

PAINTER (a Sea Term). A rope for

PAINTER STAINER. A painter of mats of arms. They were incorporated with the painte

PAINTING. The art of reall objects of nature by lines and colours on a plain surface. In the exercise of this art, the powers of imagination, imitation, and investion, are required for making a those of the subject, and of the several figures and subordinate parts of a picture, high are comprehended under the carof design. In the execution of the work, there is likewise required a due regard to the effects of tight and shade, and col which is termed recopcultion; and also a nice choice of the colours to be onployed, which is known by the same of colouring. Painting, as regards the schjeets, is distinguished into historical painting, portrait painting, landscape painting, as regards the form and the maters als, inte pointing in all, water colours, freeza, ministure, distemper, messic, &c., PAINTING, HISTORY OF. It is to be

supposed that painting was among the c liest efforts of human ingeneity, for the lave of imitation would naturally suggest the idea of representing the surrounding objects which engaged the attention and talerested the affections. Thus it is that the savages painted their own bodies, by means of puncturing the skin, and infus-ing different colours into the punctures, and that they paleted on their sheetds difand that they person on their ensemble in-ferent figures according to the finity of the beaver. So, libewise, we find that the Mexicans were in the hand of represent-tion worlder exploits by means of

re witting, which was something ar in the hierogryphics of the Egypthat served to represent more

jects for religious purposes. The first step beyond the rade outline was an attempt to complete the imparison by applying on ours, which at first was effected by severe ours, which is now man of the figure by the ing tim different pures of the figure by the different calours, after the manners of our coloured maps, as was stone by the Egyptians, and is still practised by the Andi

×

Painting was partially cultivated by the Egyptians, but was not carried to any per-fection, because they principally compleyed flection, section they principally conjugate themselves in the representation of the menstress objects of their warship, rather than in depicturing natural or road objects in consequence, their natural figures were very stiff and ansocody, the logs below very sign and transmity, the tops indirectly desired to the sides, like the manuales which they copied. Their pointers were likewise very much employed on curling vessels. or drinking cops, or in unmercenting for of magazines. Piny also informs on that the Experiens patried the precises metals, which doubtless rounded in surveing sold or elect with a single minur. The Persians, as well as the Ambians, had some idea of mornie; but the art was cottivated by those people principally for domestic purposes. Among the Indians, painting purposes. Among the Indians, possible is confined principally to the representatints of their labor and monstress objects of worship; but the painters of Thing are remarkable for the delicacy of Hear stroker, in which they might vie with the Greeks, although deficient in every other particular. The Chinese are resemblished for the brightness of their colours, has this is the only perfection they can boost of is the only permittion they can boost us. Their figures are as onlike nature as pos-side, devoid of vapreacion and of proper tion. The Ermitians were that first people who appear to have excessed to this art. Me ny specimens of Errocan painting have by specimens in Lerman parties paint-ben preserved, which consist of long paint-ed frees, and planters adversed with long figures. The printings are executed on a ground of thick marter, and many of them are said to be in a high state of preserva-There are likewise many Campaning vases extant, which are wonderful num vasce extent, when are wooderful proofs of the perfection of the art in verse early period among these people. As to training the period of the training among the tracks, it is not may be done the period of the commensument. The Greek's the modern, it is not easy to define the period of the commencement. The Green's themselves, securing to Pinty, speak of Polysmate as, securing to Pinty, speak of Polysmate as, there for spinter of resilients of periods of these Christ. This pinting of the poly-tern Christ. This pinting of the poly-ome extend in the time of Message, it was



270 PAL

PALISADE. A finer kind of paling in | America. This inseed is not comedy section

PALISADOES, or PALISADES (in Formication). An enclosure of stakes, used to fortily the avenues of open form, They were sometimes so ordered, that they would turn up and shown as occasion required, and might be hidden from the view of the enemy until he came to the attack.

PALLADIUM, A sort of nostal drawn

e platina. PALLAS. A small, newly discovered planet, sinused between the orbits of Mars

and Jupiter.

PALLET. A painter's calour board.

PALLET (among Gilders). A tool for taking up the gold leaf.

PALLET (among Mariners). A partition in a bold,

PALLET (in Hershley). The dim tive of the pale, being one half of its brendth

PALLET-BED. A small, low bed, PALLETS. Levers in clacks and watches, connected with the pendulum or balance, which receive the immediate impalse of the wheel.

PALL-MALL. An ancient game, in which an iron ball was struck with a maihe through a ring or arch of iron, as was once practised in St. James's Park, and gave its name to the street called Pail-Mall, rottounced Pett-Mell.

PALM. A tree of different kinds, the branches of which were carried in token of victory. The coons not tree, date tree, bread-fruit tree, and many others, are va-

eties are found in ocarly all tropical nit-PALM (in Commerce). A mo-

PALM. A sea term for the broad part PALM (in Austomy). The inner part

PALMAE. Prime; one of the seven families into which Linners divided the regutable kingdom, including such

ess and shoule with simple as fear leaves resembling them of the

PALMER. A pugrim bearing a start. PALMISTRY. A mode of tolling formes by the lines of the hand. tames by the lance of the Sand.

FALM SUNDAY. The sixth Sunday is Less, the next before Easter, commonweastive of our Saviour's tromptal page into Jerusalem, when pain lean-

wil in the way. LM WORM. A polesmon insuct of PAN

PALSY, or Panagents. A prientless of olion or sense of firling , a narvente die order arising from so affection of the co.

PAN. The god of mountains, woods PAN. The god of described and shepbords, who was said to be the some of Mercury, and the toverner of the Pan. Ho is represented as a mon ster, with horne on his head, and the legs and feet of a goot.



PANACEA. A universal remedy for the cure of all disorders.

PANADA. Brest pap.
PANADA. Brest pap.
PANATHENEA. A flustival colebrafed at Athens in horour of Minerva. PANCRATIUM. An exercise among

the ancients, which consisted in wreatling, the anticats, which comments the came time, boxing, and kicking at the came time, Anatomy). A flor PANCREAS (in Anatomy). A flat glandday rietus of the abdomen; in ani-

male called the awesthead. PANCREATIC. Belonging to the pan

FANDESTES. The name of a viduous of the civil law, algored by order of the

emporer Justician.

PANDORA. The first woman, according to the poets, mode by Jupiter. She presented her bushand Epimerthone with a

box, the gift of Jupiter, and on his opening it, there flew out all kinds of avils on the PANE.

FANSA A square of any one; in the Greek socients in peals of any one; in the Greek Church, a hook of praises of Jesus Cheket and the uniote.

PANEL, or PANNUL. roll of purchasent on which are written the names of the purch soburned by the aberity.

PANICLE (SEE MORREY) LA QUO Q floremence or flowering, he which flowers and fruits are scattered on per-



PAR



PAR. An equality betwee sanges of different countries. PARABLE. An allegorical in

ething real or apparent in

PARABOLA (in Conic Sectionary made by cutting a cone by made by cutting a cone by a plane, el to one of its sides, or parallel lane that touches one side of the



PARACHUTE. shape of an umbreila, which serves to break the fall in descending from an air

balloon.

PARADE. The place where tro
draw up, to do duty and mount guard.

PARADIGM (in Grammar). An exa
ple of a Greek or Hebrew verb, conjugathrough all its moods and tenses.

PARADISE. The garden of Edd
where Adam and Eve dwelt in their six

PARADISE, BIRD OF. age, that chiefly i beautiful plumas fly inhabits the

atte mana. Its reasoners are much i as ornaments for the head among the ences, Chinese, and Persians, from m they are obtained, and imported Europe. Its name was given it by liors, who, seeing it on the wing, to see, fancifully imagined it to be

PAR als, and not of the



PARADISE, GRAINS OF. The hories or seeds of the cardamum.
PARADOX. An opinion appeabrud or contradictory, although times true in fact.
PARAGRAPH. A collection of secondary-banded between one of secondary-banded between one

PARAGRAPH. A collection of senten-ces comprehended between one break and

another.

PARALLAX. A change in the an rent place of any heavenly body when a from different points of view.

PARALLEL (in Mathematics).

PARALLEL (in matnematics). The same for lines, surfaces, or bodies everywhere at an equal distance from exclusively where at an equal distance from exclusively where at an equal distance from exclusively where at an equal distance from the population of the experiment of the opposite are parallel and equal to one



FARALLEL SPHERE (in Astronomy). The situation of the sphere when the quator coincides with the horizon, and the summary of the second of the sphere when the part of the second of the s



989 PAR

PARSLEY, A petiers, and a puren-PARSNEY. An elling cost. PARSON. In Brigland, the porsen

bolding the office of rector or elear in a PART (in Arthmetic). A quantity con-

tuined in a whole, PART (in Music). A place of the score

or partition, written by itself, for the con-PART (in the Drama). The character or portion of a piece assigned to a per-

former: PARTERIE. An open part of a garden in the front of a house, commonly orna-

mental with flowers. PARTHENON. A temple at Athens,

aged to Minerva. PARTICIPLE (in Grammar). One of the parts of spansh, so called because it partition both of the noun and the worb, PARTICLE (in Physiciogy). A minute

part of any budy which enters into its PARTICLE (in Granemer). Small in declinable words, that serve to enite or connect others together.

PARTIES (in Law). The persons nam-

PARTING. Beparating gold and silver by accunivetis. PARTITION (in Law). Dividing hands

te among tabeles or parts PARTNER. One who joins with anoth-PART OWNERS, Partners pos

of a certain chare in a ship.

PARTRIBUE. A bird of game which

almonds in all parts of Europe, and is highly esteemed for its flesh. It resembles the quall of the United States, but is larger.



The kird carried partridge in New England, and phoasant at the mouth, is a spe-

PAS

in number, namely, the acticle, months mero, very, purtucpeo, adverte, compresente PARTY in Minury Astainst,

A ... detachment or odustor of onest west specsay particular duty, so a purposition posts,

PARTY; to Public Arrays). Any num of then combining together to follow their own particular survey, without in position or

PARTY-WALLS. Portained of bridge ide between buildings separately occupaid, to prevent the sprouding of thes.
PASQUINABLE A some salirons that

that is generally stuck up to be read by the passency by.
PASS (in Military Affairs).

or narrow postage, which remains the antranse interagementry difficult for an army, PASS (among Miners). A traite of this courds, set sloping for the ure to elide distre PASS (in Procing). A push or the

at the adversary. PASSAGE (in Music). A enecession of sounds forming a member or phrase to a

PASSAGE (to Military Affairs).

aming over bridges, mountains, &c., PASSAGE (in Sovigation). The course Prince days for example of the control prince of the control has been attempted to be laken by the north pole in going to India. This attempt has pies in going to these. The attempt has been made in two wors, namety, by count-ing along the northern parts of Earrope and Asia, called the north sust pussage; and another by valling round the northern part of the American continent, called the morth west prieszen; besides which, an attempt has also been made to sail over the pain

PASSENGER. Any our travelling by a conch, teem), or other name of conveys ance; also say one pussing by.

shee; also say one passing up.

PASSIREM. An order of hinds in the
Lineman system, comprehending smelt as
fave the bill conic and pointed, as the pigeon, the lark, the flirade, A.c.
PASSION WEEK, The work tunes.

distriy before Earny. PASSIVE. Softwing on spithet for

verja which express the suffering or being PASSIVE PRINCIPLING Dis Chemis Earth and water, so radicel forming

their parts are not so swiftly moved us libro, the presents of the control o



PEA

PEACE ESTABLISHMENT.

in England, the time of vacation between terms, when there is a cessation from

PEACE OF THE KING. In England ast peace and security, both for life and sods, which the king affords to all his

subjects.

PEACE OF THE KING'S HIGH-WAY. Is England, the immunity that the king's highway has to be free from all

PEACH. A delicious, juicy fruit, that, in and, grows against garden walls, an merica, is produced abundantly in or

chards.

PEACOCK. A well known domestic wind, remarkable for the beauty of its tail and the barshness of its cry.

A mountain on

ush the barnhness of its cry.

PEAK (in Geography). A mountain or
the value with a sharp summit, as the Peak
of Teneride.

PEAK (among Mariners). The upper
corner of sails which are extended by a
for by a yard, which crosses the mast
bliqualy.

PEARL, MOTHER OF. The shell of

another species of oyster, not the pearl oyster. It is extremely smooth, and as hite as the pearl.
PEARLASH. Potash calcined or clear.

d of its impurities by fire.
PEARL BARLEY. The seed of co

FEARL BARLEY. The seed of common barley rubbed into main round profine ilike pearl, of which a cooling round profine ilike pearl, of which a cooling round profine ilike pearl, of which a cooling round rou

PEL

PRACE ESTABLISHMENT. The square of effective men required in the square of effective men required in the square of effective men required in the square of t

PROCARY. An animal of the hog kind, found in Mexico.

PECK. A dry measure, the fourth part
of a bushel.

PECORA. An order of animals in the FECURA An order of animals in the Linneau, system, under the class same mails, combineding such as have the lick thought and the combined to t

Wann meet,
PECULIARS, COURT OF. In England
a court belonging to the archbishop or
Cantorbury, which takes Cognizance of
matter relating to parishes that have a pe
culiar jurisdiction.

uliar jurisdiction. PEDANTRY. A needless or ill-tim display of learning rning.
L. The lowest part of a

pedim.

PEDIMENT. A low pinnacie, serving o crown a frontispiece, &c.

PEDOMETER. See PERAMEULATOR. to crown a fr

PEER (in Law). An equal, or one of the same rank and condition; formerly applied, in England, to the vassals or tensus of the same lord; and now applied to these who are improved that the same lord; and now applied to ants of the same loru; and now applied it those who are impannelled in an inquest upon a nan accused of any offence, who, by the criminal law, ought to be peers or

by the criminal law, ought to be peers or cousin of the person accused.

PEERS ST He lady of a peer.

PEERS ST He lady of a peer.

PEERS ST He lady of a kingdom, when though distingted by the different titles of dute, manufacturing the cart, viscount, and baron, are now-there all peers or equate in their political characters as lords of many in their political character as lords of pe

Illnesse; PERWIT, or Laywing. An Expression of the Control of the

PEGASUS (in Astronomy). A consuca-stion in the northern bemiephere, con-tining from 90 to 89 stars, according to PRLICANIZA large bird forced in all



PEN



PENTAGRAPH. A copying machin by which designs may be copied in any proportion by persons who are not skilled in drawing. It consists of four jointed le-vers, as in the subjoined figure.



PENTAGYNIA (in Botany). An order of plants in the Lineman system, comprebending such as have five pistile in an

bernaphrodite flower.
PENTAMETER. A nort of verse in Latin and Greek, consisting of five fact or metres.

PENTANDRIA (in Botany). One of the Limnesh classes, comprehending plants which have flowers with five



PER

Don't by Ring Henry VIII., whom office is

PESPER. An arminute prove a large set of season to be large set of season to king's person in his patient.

PENTAGON. A geometrical figural, proving the large set of season to be large set of season and for angles.

PER. A Latin peop by, used in many phrases | av, per form FERAMBULATOR. An instrum for measuring distances, otherwi a pedameter, or surveying



PER CENTUM, OF PR. CENT of interest, so much for each hundred; se, five percent, that is, five percent,

five porcents, take
founded pounds, the point of fish with energy he
PERCH. A kind of fish with energy he
fit that men upon other fish; PERCH. A sine of fish with energy lic curvate teeth, that pury upon other fish, the deab of this fish to worr delicate. PERCH (in Commune). A measure of five yards and a laif, or sixteen first and

PERCUSSION. The impression a body makes to falling or sroking upon another. It is entire ducet or ridique y direction of a line perpendicular at the direction of a line perpendicular at the point of impact, and oblique where it is given in a line oblique to the piece of ins-pact, or that does not posse through the menns swatze of gravity of the two strik-

PEREMPTORY (in Law). Absorpts PERENNIAL. A plant the most of which routiness for more than been reaching to the continues for more than been reaching to the continues for more than been reaching to the three th ole th

PER PORCE. Against one's inclina PERIANTIL. The sales or our of a

flower when it is continuous to the flower, in distinction from the only s or outer our-

PERICARDIUM: A double membrane which surrounds the whole compuse of the bear

PENTATRUM. The five books of Maren.

SENTIOUSE. A shed hanging for word predicting words.

PENTIOUSE. A shed hanging for word.

PENTIOUSE (in detroncomy). A position for the control of t



-MAR PER PET

mathematics, which shows how to repre sent objects on a plain surface as natural-ty as they would appear to our eight if seen through that plane, supposing it were as transparent is glass. Perspective is divided into Aerial Perspective, which has principally a reference to the redescring and shading of distant objects; and Lineal Perspective, which relates to the position, form, magnitude, &c., of the sev-

emi tines or continues of objects, &c.
PERSPECTIVE, Harroar or. Perspective, as a branch of optics, was known and practised at an early period. It was taught by Democritus and Assungers, and trested of by Buchli in his Optics. Allowen likewise, in his optical treatise, speaks of this art, and of its importance for the painter; but the first writers who professedly treated on perspective, were Partoleomea Brancintina, in his linguise di Perspectiva, &c., dated 1449, and Pietro del Bargo, who compared adjects to be placed beyond a transparent tablet, and so to teach the timiges which may of light emitted from their would make upon it. Atlanti Danerounstructed a perchine upon the principles of Forze, by which he could train the perspective organizate of objects. Leon Build's Ameri, in his treatise De Baltitugar Person, of Steam, who died in Line, wrote a common of perspective, which appeared in these. He arend to have find resummended points of distance, to which are drawn all lines that make an sough of 45 degrees with the ground line Uhaldi, in his Perspective, published in 1631, showed that all times are parallel to one another, if they be inclined to the ground line, and converge to some point in the horizontal line; and that through this point also will pass a line drawn from the eye parallel to them. His work non-tained the first principles, which afterwards formed the groundwork of Dr. Tay-lor's. He was immediately followed by Gianumo Barotzi, of Vigueia, whose Two Rules of Perspective were published, with a communitary, by Ignation Dance. Marclois' work was published at the Hagos in

late natural presents, whom God has decrement. He does not confine the cales formed, and artificial persons, or those formed by accept, and capturations to bull-make them applicable to very species on less positive. PERSPECTIVE. A branch of mixed od, which is exceedingly simple, the Second est lines imaginable are required to pro-duce any perspective representation. As a proof of the excellence of his method, it suffices to add that it has been followed by all who have treated on this settled, and is universally adopted to practice. Mr. Bamilton published his Sternography in 2 vots, fotio, after the manner of Dr Taylor; besides which there are some good treathers on the subject from Ware. good treatment on the subject from Ware, Carrley, Pergusin, Emerson, &r.; but Mr. Rip by's system of perspective has been generally esteemed for its practical utility. PERSPECTIVE. In partient, or at the

end of galleries, designed to deserve the

alley or a building, acc.
PERSPECTIVE-GLASS. The glass or other transported surfaces, supposed to be placed between the eye and the object, perpendicularly to the borizon.

PERSPIRATION. The evacuation of the pures of the body through the pores of the skin. This is either sensible, which is called sweating; or insensible, which

PERUVIAN BARK. A drug, the burk of a tree growing in Pera.

PESTLE. An instrument for pounding The leaf of the counts or PETAL

PETARD on Portification). A. Amstern oughne shaped like a sugar-lost, sade for breaking open gales, drawbridges, &c. PETIOLE (in Roinny). The leaf-stalk,

or the atem winch supports the leaf-PETITION (in Law). A expellention in lieu of a wris, which, to England, it al-ways made by a subject to the king when the faster is a party in the suit, then a supplication drawn up to form, and an dream! wither to the war

PETITIO PRINCIPIL (among Lagi-cians). Begging the question, or taking for granted, that which is the matter in dispute.

PETRIC. A nex-birtly which one the faculty of spouttog pure oil from its toll. It is a sure prognostic of a storn at sea, when it havers about a ship. The pears best mark was published at the Hagas In I, in a year personal control of 1815, and that of Strictuit, which was an into the hourse alout a stay. The potential of Vagoda's, in 1826. But the is should be stay of the owners of the of the owne



os in the satural and ade ano moral world; us the Pythagersan philoso-phy, which taught, among other things, the transmigration of souls; the Aristotethe training and it where is extraordinate that the whitch are in he found in his works; the Socratic philosophy, which is to be found in the works; the found in the writings of Xenophen and Flate; Epicurean philosophy, a sceptical, leastings scheme of morels metrical to sicurus , Stoic philosophy, the doctrines Epicurus; 1966; pinnscopu, use declared, of Zene the Stais, who maintained, among other things, that a men might be happy in the midst of the severest tocture; the Cynic philosophy, the followers of which affected a great contempt of riches, and of all sciences except morality; and the Sceptical philosophy, broaded by one Sceptical philosophy, branched by one Pyrrho, who affected to doubt avery thing. PHLEBOTOMY. The opening a vein, for the purpose of discharging susse of the

Morel PHLEOM (in Austony) A thick, tena-

chair matter secreted in the lungs. PHLEGM (in Chymistry). A watery, distitled biquor, in distinction from a spir-

Images Donor PHOSPHATES. Balts formed by phos pharic sold, with the alkalies, earths, and

PHOSPHITES. Salts formed with icophorus united in the earths, alkalies, nd metallic oxides

PHOSPHORIC ACID. An acid form ad by the combination of muriatic acid

PHOSPHOROUS ACID. An acid formed by the cambination of phespharus with oxygen. It contains less of the latter than phespharic acid.

PHOSPHOLUS. A yellow, semilran wax, but brittle during the frost. It is buminous in the common temperature of the air, of a rough, disagreeable tasts, and a il like garli

PROSPREURET. A substance formed by the union of affeaties, earths, and one-

to the under or include, return, and note that the cities with phospharus.

PHRENOLOGY. A newly invented science, which professes to teach, from the confirmation of the homem skull, the particular characters and proposatiles of men, presuming that the faculties and operations of the human mind have their particular cent in the brain, and are to be traced by particular atternal marks. See CHARIOLOGY.

CLARIOLOGY,
PRYLAUTERY, A clients or anouted
among the aucients, which, being more,
was supposed in preserve people from cortain swits, diseases, or dangers.

PHYSICIAN Our who prafitament

icher, or the an of horizing.
PHYSICS, or Navona, Personneur,
The release which napianes the decrease of tentural budies, their phonomena, canand effects, with their various all

FHYSIOGAUMY. The study of members particular characters and ruling presions from the features of the face and the case

of the countenance.
PilysioLouv. The same as Physica s that branch of medicine, which treats of the structure and constitution of the human body, and the functions of the va-rious parts, with regard to the cure of

PHYTOLOGY. A terration on the PRIVIOLARY. A breaker on the crus, proportion, and kinds of plants, PIA MATER (in Anatomy). The inte-se morebrane, enclosing the brain. PIANO PORTE. A well known key

ed instrument of German joyention, which sends forth sounds both pione and forte that Dr. soft and strong.

PIAZZA. A spatious place enclosed PICAL An order of birds in the Lin

near system, under the class Aves, num-preducaling such as have their bill compressed and convex, including the crow, raven, magpin, cuckin, jay, hird of det.

PICKLE. A brine or liquor, usually composed of sait for seasoning most, and also of spice and vinegar for preserving uits; also the fruits preserved in pickis PICQUET (in Military Affairs). tain number of man, howe or fast, who de duty as an outpured, to prevent surprises.
PIE (in Printing). The composed mai
ter briken or thrown out of order.

PIE-POWDER, or COURT OF PIE-POO-

nas. In Faglant, a count of Fit-Poo-nas. In Faglant, a court hold in him. PICR. A mole or sunpart mised in a himtour is breast the force of the sea. PIGEON. A dimension birth of which there are many surpsiles, as the next pigoin, the carrier pignon, the power, the ker, tumbler, A.c. See Dovk.

PIGMENTS. Artificial preparat

PHOMENTS. Arthrial preparations in initiation of sectian volume.
PHO OF LEAD. About two looseds and dity possion weight:
FIRE in Ichthydology). A fish which abounds in must of the labous of foruge and America. It is remarkable for its voracity, and shor for its longuery.
FIRE (in Milliony Affairs). A long, deader staff.

under staff, with a pike-or spine at t

PITAPPRE IZ A MAN TO SO



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PIQUEF. A same of cards played by
two persons with only thirty-two cards,
rejecting all the deutes, threes, flours,

FLAN. The representation of a floor, and sixes

PIRATE. A sea cohber; one who live by plumler at sea

PISCES (in Ichthyology). The third ss into which Linnwas divided the ani mal kingdom, consisting of five orders, namely, the abdominales, upodes, cartilaginii, jugulares, and theraciei. See Anna-

MINALES, &c. PISCES (in Astronomy). The twelfth and last sign in the zodinc, marked thus

PISCIS VOLANS. A constellati

PISTACHIO. A nut of an aromatic smell, growing on a tree in Pyria, fram

PISTIL, or POLYCEL (in Bolney). An ergan adhering to the fruit for the recep-

tion of the police. PISTOL. A sort of small firearm, the barrel of which is shorter and thicker than

at of a r ommon gun. PISTOLE. A German coln, in value

from 17s, to 19s, sterling, PISTON. A sucker, or that part which

acts as such in all purops, &c. PITCH. A tenucious, oily substance drawn chiefly from pines and firs.

PITCH (in Architecture). The angle to which a gable end, and consequently a whole building, is not.

PITCH (in Husbandry). An iron bar, with a pointed end. PITCH (in Music). The acuteous or

rawity of any particular sound. PITFALL. A ginoreners to catch beasts. PITS. The soft, spangy substance in

stalk or stem of plants PIVOT. The pin on which any thing

PIX (in Law). The lox in the mint in which the pieces of coin are kept that are

sched for trial. PIX, TREAL OF THE. In England, the trial of the esine, previous to their being tamed, before a jury of twenty-four persons, twelve of whom are goldsmiths.
PLACARD. A proclamation in Hol-

land, and in France a table wherein laws and orders were hungup; with us, vutgarly, any bill posted up against a wall or post. PLAID. A sort of stuff worn by

PLAGIABY. A literary thinf, who rining the works of another, and pub-bes them in his own name.

PLACUE. A contugious and mailign

PLA

A port of flat fich, which is thing drawn on a plane, as maps, cipies, &c.; or, more particularly, the draught of a building, such as it is intend.

ed to ass sear on the ground, PLANE (in Commercy), level surface, whose posts lie tween its extens

PLANE (among Jonney). As edged



PLANE TABLE. A sleeple reservataken on the spot.

PLANETARIUM, or OBBERT. AG as. trememical machine, made to represent the mentions of the heavens. See Onsers, PLANE-TREE. A tall tree resembling

a maple, which is a native of America. PLANETS. Wandering bodies, such stars as change their position; in distinction from the fixed stars. They are distinguished into primary and secondary The primary are those which are supposed to revolve round the eas, as Supiter, Mer-cury, Venus, &c.; and the sucondary are those which revolve round a primary are those which revolve round a primary planet, as the moon, the satellines of Jopa-ter, Satura, and Uranus. The original number of planets was six, constituting, as was imagined, the whole planetary system. Them were Meetury, Vanus, the Earth, Mary, Jupiter, and Schirm, which were distinguished in some much which were distinguished by some much or attribute of the delites of these sames Thus the mark of Mercury, \$, represents with a bandle to it; that of Yenis, a mirror, Q. with a bandle to it; that of Telius, the earth, \bigoplus , to denote its form, that of Mars. that of Satorn, a scythe, by . To the above six planets have been added five others, namely, the Georgium Sidos, or Branes.

nament, the carrier and Yusta.

PLANISPHERE: A projection of the sphere, and its various circles on a plane, such as majes, its, just many participating, a projection of the relation states agree on a plane. plane, representing the stars.

PLANK. A plane of timber a PLANTAIN. A tree in the West



294 PLU

FLOT (in Surveying). The plan or PLUS draught of a field or any piece of ground, to demonstrate with an isastrument, and laid (+), as down in the proper figure and dimensions. PLOTTING. The describing or laying own on poler the several lines, angiof a piece of land.

Av., of a piece of land.

PLOVER. A sort of bird which fre-quents the shores of England in spring, and migratus in autumn. The golden plover, black-hellind plover, and Wilson's plover, are the varieties of this hird most plover, are the varieties or this man most common in the Middle and Eastern States They frequent coasts and open grounds, PLOUGH (in Agriculture). A machine

PLOUGH (is Agriculture). A machine for turning up the soil in preparation for receiving the seed. It remains of a wood-en frame, with a bandle; a share, or sharpened piece of Iron, fixed on the lexnow of the plough; and a coulter, another cutting from that stands spright to the



PLOUGH (among Bookbinders). machine for catting the signs of books.

PLOUGHSHARE. The cutting from
fixed at the bottom of the wood-work of the plaugh, which forms the furrows.



PLUM. A well known fruit of different kinds; also the dried raists, that is orted.

PLUMBAGO, or BLACK LEAD. An of a shining black colour

PLUMBER. A maker of leaden was-sels, or worker in lead. The company of plumbers in London was incorporated

PLUMB-LINE (among Artificers). sependicular to the burians, formed by seaso of the plantaset.

PLUMB. A set of feathers for ornaest, particularly estrick finthers. PLUMMET. A leaden weight attached to a string, by which depths are seconded perpendicularly, and perpendiculary

MATTY (in Law). In England, start to any number of templaces one held by a clorgen

PNE

PLUS, I. o. Morey. (+), as 4+6=10, that is, 4 plan

PLUSH. Choth to

PNEUMATICA. The The both treats of the mentantial properties of air and other compression fields. The prin-cipal mechanical properties of air which are treated of under this mission, are its

fluidity, weight, and shartleity.
PNEUMATICS, HERTORT OF, All the accients slid not investigate the properties of air with the same minuteness as perties at air with the same minuterms as the moderns have done, yet the subject evidently engaged the according of Arabi-tic and other times in Bibliosphers. Aris-totic was aware of the gravity of the sair, and observed that a bladder filled with air would weigh more than the same bladders when cupty; and Empolacies ascribed when cupty; and Empolacies ascribed the many of monitarion to the weight or the cause of respiration to the weight the air, which, by its pressure, instrust itself into the lungs. Its statistic will had a lin firstly med have been known and made the subject of experi-ments, if it be true, as is related by histo-cians, that Hero of Alexandria, and Ches Gans, that nero is Alexandra, and Cou-blins, his contemperary, invested air game. The values was, however, for a long time neglected, or treated experically + for the effects which are now hower to arise from the gravity and classicity of the air were for a long time attributed to the imagina principle of a Foga Vacui, or Nature's ai hierence of a vacuum, a principle w Gaillen did not altagether discard, alth he was fully aware of the gravity of the air, and pointed out two methods of demonatrating it by weighing the air in h tien; but the pressure of the sime-place was first discovered by Torricelli, and cloudy demonstrated by an aspectment. clearly deministrated by an experience which terminated in the invention of the harmster in 16th. It occurred to him, on observing that a column of water, 24 feet high, is sustained shove its feed in the tube of a common pump, that the same tube of a common pointy, that the same force, whatever find wear, would sustain a usint and a survival of the sustain a same has a full column of water on the same has a and home to recordated this quickniver, being about 14 times as heavy as water, would not be sustained, at greater hat glue time, a constitute of conflicts in tune, a class this of partingly he mak a place take of se-fect in length, and, having souled it has lically at one end, he titled it with on silver; then, inverting it, he to right, and, busping his finger age



POL

POL

POLE. A song our purposes carriage, &c.
POLE (in Surveying), lining 16 foot and a half.
POLE (in Mathematics

ne of any

e axis of the e

POLECAT. An a rhen pursued. It islatic Russia.
POLEMICS. Trested points in theolo
POLES (in Mag-

orth, and the other to the south.

POLE STAR, or Polar STAR.

de, the last in ch, owing to its is therefore of determining the POLICE. The is

POLICE. The internal government of ty town or country, as far as regards the

ay town or country, as he as regards the reservation of peace.

FOLICY. The art of government, principally as regards foreign affairs.

FOLICY OF INSURANCE. As intrument or deed by which a contract of meranes is effected.

FOLITICAL ARTIFINETIC. The application of arithmentical calculations to probling the property of the property o

nues, resources, and population of country.

FOLITICAL ECONOMY. The art FOLIC, or Daso Fost, in Law, theory of managing the affairs of any siz FOLIC, or Daso Fost, in Law, end that is pointed for shared even.

FOLIC (in Elections). The registers.

FOLIC (in Elections). The register is the way of the roots, containing the sew part of their roots, containing the property of the roots of the roo

itude in the constellation Gemini.
POLY. A prefix in many word
oting a multitude or indefinite nu

olygon, a figure of many as felphia, polyandria, &c. POLYADELPHIA (in Bot ny angles ; puly.

of the Lin



POLYANDRIA



POLYANTHUS. nnial root, that yields ma much cultivated in gard-

POLYGAMIA (in Botany).



POLYUGANY. The having more them one husband or one wife, either at the more than the polyugan of the polyugan POLYPE. An animal of the tribe, inhabiting the stagmant was

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POS

o of a city, to be let down t PORTER. One who carrie

A kind of malt liquer PORTER. high-dried mak.
PORTHOLES. Hol

in the sk e vessels, through which gans are put. PORTMANTEAU. A clonk-bag, to POSITION (in Arithmetic)

rost rios (in Armanes). A rune sylich any supposed number is taken a feasure, to work the question by.

POSITIVE DEGREE. The first de e of any quality exper

POSITIVE ELECTRICITY. A pplied to bodies supposed to contra sore than their natural quantity of ele tricity. POSSE COMITATUS (in Law).

record committee (in Law). I remed power of the county, or the atte ance of all persons charged by the sher assist him in the suppression of rio

POSSESSIVE CASE (in Gram Any ending of nouns which denotes tes pos-

POST (in Military Affairs). Any spot of ground that is marked out to be occu-sed by soldiers. POST (in C А соптеува merce). r letters and despatches.

POST (in Gran in Grammar). A prefix to many nptying after, as postdiluvian,

rords, implying after, as postdiluvian, fler the deluge.

POSTHUMOUS CHILD (in Law). post in the property of the pr

POSTMAN. Une who delivers the leters from the post-office to the persons to
hom they are addressed.
POSTMASTER. He who has the

POSTMASTER. He who has the harge of the letters received in, and de-wered from the post-office. POSTMASTER-GENERAL. He who

POST MASTER-GENERAL. He was resides over the whole business of con-oring letters by the post-office. POST OBIT. After death. POST-OFFICE. The office where the

POST-OFFICE. The office where the statement of receiving and forwarding letters is conducted. In London, there is the meral Post-Office, which takes charge of a letters to be conveyed to the different state of the world. of the world; and the Two

is of the world; and the Twopenny c-Office, which takes charge of iotters ag conveyed to different parts of the fropolis and its environs. In the Uni-States, the General Post-Office is at thington, and is under the direction of master-general.

SCRIPT. What is added in a letit has been signed by the writer.

PRA

POSTULATE. ple in a science that is tal t, procured by burning v ... lour and acrid to POTASSIUM.

which is supposed to be the benis POTATO. An edible root, e liar to America, but I

POTSTONE. A mir gray colour, found abund lake Como, in Lombardy. POTTERY. The many

en pots, or earthenware in a particularly of the charger sorts POUNCE. The powder of

rach, sifted very fine.
POUND. A weight or

Troy, and 16 avoirdupois weight.
POUND (in Law). Any enclose

for the keeping of be such as are distrained.

such as are distrained.
POUNDER. The name of a great g
from the weight of the ball it carries, a
interest, and twenty-four pounder, d
POWDER. Any thing as fine as d
as quantum der, hairpowder, &c.
POWDER CHESTE. Triangular che
powder and a vessel for holding the guapo
der, &c.

POWDER-HORN. A horn in which unpowder is kept.
POWDER-MILL. A mill in which the

ingredients for gunpowder are ground and mingled

mingpid.

POWER (in Mechanics). Any force which, applied to machine, sets it in motion. There will supply the product of the p

indrate, &c.
POWER (in Law). The author

hich one man gives another, to act for him.
POWER-LOOM. A loom worked by

POWER OF ATTORNEY (in Law) FOWER OF ATTURNEY (IN LAW)
An instrument or deed whereby a parson
is empowered to act for another.
FOWER OF A GLASS (in Optics).
The distance between the convexity and

POWTER. A sort of pigeon, which wells up its neck when it is displeased.

PRACTICE (in Arithmetic). An easy d expeditious method of resolving qu An nasy



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PRIME FIGURE. That which can

be divided by any figure but itself.

PRIME OF A GUN. The powder put

nto the touch PRIMITIVE (in Grammar). The se or original word in a language, from which

others are derived PRINCE'S METAL. A mixture of and alr

PRINT. The impression taken from a

PRINTING. The art of taking impressions from characters or figures, movable or lossovable, on peper, Hean, silk, &c. Printing is of four kinds, namely, one for books, from movable letters compound and set in a form and another for books, from solid pages ; a third for pictures, from copper-plates; a fourth for printing callnoes, liners, &c., from blucks, on which are represented different figures. The first of these is printing, properly so called; the second is stereotype printing; the third, rulling-press printing, or tapper-plate printing; and the fourth, calicoprinting. Printing was first introduced in the fifteenth contary, at Mentr and Haerlem, when, instead of the present movable types or letters, blocks of woul were carved, and the impressions were taken only on one side

PRINTING-PRESS. The machine amployed to the art of printing, by which impressions are taken from the type after it has been composed, and put into the form of a sheet.



e, at other power, here barely the fields.

PRIVATEERS. Vessels fitted out b private parener, with the licens of the prince or state, for the purpose of making prizes of the enemy's slips or goods. mad The

PRIVET. A shrub m

PRIVY (lo Law). One who is part er of, or has an interest is, my action, or priving in blood, that is, beins to the accester; privies in representation, as exam-

PRIVY SEAL. The hing's soil, which is first set to such grants as pass the Great Scal of England.

PRIZE (in Naval Affice). A vessel

PROBATE (in Law). In linguish the property or in the spirous court. States, a court that is charged with the settling of estates.

PROBATION. In England, the trial of student what is to take his degrees PROBATIONER, la England, assis

ar who undergoes a pubition at the pal-PROBE. A surgesta's lastrum

purching the dopth, &c., of a would PROBLEM (in Geometry). A proon in which something is proposed to be

PRO BONO PUBLICO: Per the pol-

PROBOSCIS. An Espans's cont. PROCEEDS. What provide or crises from any preposnille transaction, as the

PROCTOR. In English, an absente in the civil law.

PRODUCE. Whe any some yield from labour and growth, which may serve sitteer for the cas of the inhibitions, or he expected to foreign countries. The

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at the diet of Spires, against a decree of Charles V., a name time given to all members of the reformed chareless.

PRUTEUS. A seadenty, who was said

PROTHONOTARY. In Contaud, a PROTOCOL. The first draught of a

, contract, or openiment. dent PROTOMARTYK.

witness that suffered death in bestimmy of the truth , a title given to St. Stephen. model of a thing; the original of a copy

PROTRACTOR (in Surgery). A0. 10 strament for drawing out extrancous bodies from a wound.

PROTRACTOR (in Surveying). instrument for taying down on paper the angles in a field. The protestor is a small semicircle of boxes or other material, the limber circumference of which is nicely do vided into one handred and righty degrees. PROV. As abbreviation for Proverts.

PROVISO (in Law). A condition inserted in a steed.

PROVOST, The mayor or chief magis-

trais in Scotch cities and towns.
PROVOST MARSHAL. An officer in
the army, whose concern it is to appea-

hend deserters; and in the navy, to take charge of the prisoners, &c... FROW. The bend or fore part of a ship, ar in his absence. One who note or stands for

SEY (in the House of Lords in Eng The peer who is deputed by anothte for him in his absence.

world only, but about the universe, round which the sun, moon, planets, and stars all from cost to west once in 24 hours.

PUBLICAN. A taxgatherer, or farmer of the mildir revenues amone the Romana; now the accept of a public house or com-

non place of entertainment. PUBLICATION. In England, the giving out copies of depositions in the Court of Chancery. PUBLICATION (in Literature).

editing and printing a book; also any book or pumphlet offered to the public.

PUBLISHER. One who puts forth ang printed book to the Warld, particularly bewho prints and publishes the minuscript conies of authors

PUDDING STONE. A mineral aggregate, consisting of flint publics imbedded in a stliclous rement. PUPFIX. A sort of ank or sea-guli.

PULLET. A young ben.

PULLEY. One of the six mechanical powers, consisting of a roull wheel, having a groove around it, and turning on an axis, as in the submitted cut.

PULLEYS, Everys of or Persons



ains which they carry with them out of this Dfc, before they are admitted to a this use, become some state of perfect blus.

BUILTAN. In England, a name given built TAN. In England, a name given

PUBLICAN. In England, a name given priginally in decision to dissenters, who professed to have a purer doctrine and discipline than others.

PURPLE, A mixed colour of red and blue. PURSUE. An officer on board a man of war, who takes change of the provisions. The corrupt marrier two rog from PUR. a more, which amonly presente the ing, and to anthromy is termed healthy or good conditioned pur-

PICTREPACTION. The spontaneous decomposition of animal and regulable matter, accompanied mostly with a felia encil. Water and atmospheric on are native agents in this previous of nature.

Wisting and Dimerd on pounded together into a posts, which is most be planter in fastening the principal glass, and also to printers in stopping

PEZZULANA. A gray hand of purtic mend in italy for building under renter. PYRAMO (in Architecture).

many reliable, constructed in the figure of a pyramid, as described in the seat article.



the great pyramid, as it is called, is situa ed with others, near Monophis, and is about

PYRAMID (in Geometry). standing on a triangular, square, or polygonal basis, and terminating in a vertex or

point at the top.

PYRITES, A mineral composed of

PUROLIGNEOUS ACED. An netd obtained from beach and other woods, which is a liquid of the solour of whose wine, of a strong acid, and slightly astrinsent taste. It is an antiseptic, and serves instead of wood smoke, of which it is the principle, for preserving animal sub-

PUROMETER. An instrument for mounting high temperatures, particularly the one invented by Mr. Wedgewood fire determining the expansion of solid bodies. to fical. This instrument is founded on the principle that clay progressively can tracts in its dimensions in proportion us it = exposed to higher degrees of heat.

PYROPHORUS. A preparation from alum by calcination, which takes fire on expense to the nor,

PYBUTECHNY. The science which teaches the management and application of fig: by several operations, porticularly the construction of artificial fire-

PYTHAGOREAN SYSTEM. The system of astronomy tanget by Pythagones, which was tounded on the hypothesis than the convene a moveble sphere situated in the centre, round which the saber planers revidued. This is now called the Copernican system, because it was revived by

PYTHIAN GAMES, Games relebented in three every five years, in bosour of the Pythian Apollo at Delphi.

u

G, the accretes of the algorithm, as a numeral, stood for 5.5.1, with a disk paster, time G, or 2.5.2, with a disk paster, time G, or 2.5.2, which a disk paster is the liminary for Gurmon, Ab., samue Mathematicians, G. E. W, Chad cont demanmation, i. a. Which was to be demonstrated, for a more Physicians, G. E. Charley and Mathematicians. Q. S. Closeton soften, as much as you

QUACK. A medical impostor.

Sall ADRANGLE (in Geometry) A figner consisting of four sides and four angles, SECADRANGLETIN Architecture). range of former or buildings with four edes in the form of a square.

GUADRANT (in Grammery). of a circle, resistanting the fourth part, as ninety depres An instrument for taking the specing of men's lives, and giving good. ti le à respond energy.

OL ARTER DAYS. The Says boles begin the Day quarters of the Year, mattery, the Fift of Starch, or Lindy Day , the site of June, or Middenners Day , the 20th of September, or Michigania (by : and the Sax of December, or Constant Day.

GEARTERING in Law . The Street ing the budy of a traine into four parts after it is beloaded.

QUARTESINGS. The publican in at experience armeting to the number of mests of firms that figs to be open it.

GUARTER-WASTER. ow day it is to provide quarters to letone de ter uiden.

TALLARDER SESSONS. to Regions. a read and every mater by the soughmanus Son Civil and remni M. Cr. screen lies from these sensors to a superior

QUARTETTO. A prior of maste for tall and the lim france . The form of a

book, the should of which are sirvised into fluir juris of leaves, making a square of is mustly abbreviated in this manner, QUARTE. A surf of allicence each,

consisting of witter, with a senal porti of signing and parhousts of time. It is net formir per ar, but with soils it raise into a food petionid gians, when broken If becomes sand QU'ABSIA. A sort of plant which is

sometimes used by browers in the stend of hope. It is also a vidential medicine. of home will of the warp, who, though a subject, has mayorita has served precogaries above other women

GCB h. The foring plants of the face-therm, with which bedges are next made. QUICKLIME Underked time.

Samle that more and phake, into which times who pass near Charge new and to head

QUICKSET BEDGE.

wood, but percentarty that which is see QUICESTLVER. The velous name for

OCIDAUNC. A coriou person always sking after news.

QUID PRO QUO. An equivalent or ture for any thing gives.
GUILL. The feather of a posse or a

tree, a.e., particularly that of which, net cured, pelus are mode. QUINCE. A not of upole with a rough, WORLD Charles

QUINTESSENCE A propagation of the concides all of some tegerable autimiscoe incorporated scale the spirit of

QUIES. An sold passe in a ground plot which westing after the square has b

UUI TAM. A sort of popular notion, on a penal etique, brought at the suit of the communication, as well as the party

QUITREST. In England, a small rent, payable by the tenants of most conlurs, whereby they go quit and free from all other services.

QUOITS. A game which consisted to throwing a quest or round iron to a certain

QUIVER. A case for arrows.



QUORUM. Justices of the peace so named because in the count selon they are said to be those before whom all matters of importance are transacted. QUOTIENT. West results from the division of our number by another, as 6-2-7, the quotient. QUO WARRANTO. A writ to inquire

by what authority, right, or title, any per-aun or corporation holds a franchise, exer-AUCKSET DEDGE. Any live hedge, and or corporation helds a f distinction from that made of dead cises an office, and the like

R.

R, the sighteenth letter of the alphabet, ss a synctral stood for 50; well a dash over k, R, for 50,000; as no abbreviation, R, for Rama, Rek, and Royal; B, C., for Romanu Civitas, S.r.

RABBETING. RABBETTAG. The future of classical pels or ensures to a board.

JABILI. A durpe in the Jewish law.

RABBET. An ensuring of the base kind, but third against the are two sorts. The cutting of chan-





soming from a large one, particularly the very minute transfer insuing from the barger arrentes.

HAMWEL. An instrument for driving times or julies into the ground. RAMPANT (in Bernstry). An epithet

for a brast standing directly upright on his hunder legs.

RAMPART (in Fortification). A many bank of earth raised mand a fortress, to cuyer it from the fire of the enemy. HAW'S ILEAD. An iron tever to heave

up great stones with-

great block or pulley, into which the repea

SANA. The generic name for that alone of minutes in the Linneau system, of

which rise frog and the toad are the price RASUIDITY. The charge which mis naderge, both in smell and taste, by expe-

sup to the air.
The shot made from

piece not designed to about directly pawark. RANGE (in Gunnery). The line which a shot describes from the month of a piece

to the point where it lodges. RANGE (among Mariners). A suffideck before the auction is cast loose from

the bow RANGER In England, an se duty it was to walk through the see at the next at and present all trespus t court : as the forest laws are now

track, used in rubbing things smooth.

BAT. A fierce and veracious unimal at inferts houses, barns, com stacks, &c. The common rat is a native of almost all tountries, as is also the water rat, which has the faculty of swimming, and lives on the banks of rivers or ditches



RATAPIA. A delicious bquor, made of the Arrests of agricuts, cherr specied in brandy.

KATE in Law . A valuation of every mon's estate, for determining the proper-

BATE (in Naval Architecture). The class or degree by which vessels are dis tinguished, as regards their force, burden, 81

RATIES. A thick woollen stuff. RATIFICATION. In England, the by the bishop; also the uniferration of a

HATIO. The mutual imbitude or edu-





very minute branches issuing from the riger neteries.
If AMMER. An instrument for driving mass or sales into the ground.
ILAMPANT (in Heraldry). An epithet

for a heast standing directly upright on his

RAMPART (in Partification). Ams bank of earth raised round a fortress, he corns it from the fire of the country.

HAM'S READ. An iron lever to heave up quer manes with,

RAM'S HEAD (among Mariners). A good block or pulley, jure which the reges extind noticeris are put-

RANA. The generic name for that which the free and the real are the prin CANCIDATY. The change which offer

undergo, both in smell and teste, by expohard to the sir, hardened to shot made from a purce tost designed to shoot directly

BANGE (in Gunnery). The line which

a shut describes from the mouth of a piece to the point where it belger. RANGE (among Marieurs).

earl length of the cable drawn upon the the bow

the New.

EASTHER. In England, an reflicer
whose date it was to walk through the
forest and present all responses at the next
forest cours: as the forest laws are new.

teeth, used in rubbing things smooth.

RAT. A fierce and varacious animal The common rat is a native of almost all countries, as is also the water mt, which has the faculty of a winoming, and lives on the banks of rivers or discu



RATAFIA. A delicious liquor, made of the hernels of apricuts, charries, &c., steeped in brandy.

BATE in Lawl. A valuation of every man's catate, for determining the propertion that each is to pay of any tax.

RATE (in Naval Architecture). The

tass or degree by which vessels are dis tinguished, as regards their force, burden, AL.

BATICS. A thick wooden staff. BATUTCATION. In England, the unformation of a clock formuly given him. by the bishop, also the confirm

RATIO. The mutual haboude or rela-tion of two magnitudes of the same kind



The esting the globes in such position as to hi titem for the performance of prof-

RECTIFICATION (in Geometry). The Sading a right line equal in length to a

garve BEXTIPICATION () Chymistry

The repeating a distillation or su several trees, in order to render the subetanes pures and fines.

RECTOR. In England, the parson of
the parish church, who has the rure or
charge of the porish, and receives all the

tithes, globes, and other profits. BEXTUM. The last portion of the large

REAUSANTS (in Law). A name & merly given to the Roman Catholics who radiased to combern to the church of Eng-

ZED. One of the simple or pri colours of builtes, which is distinguished into different ahades, as scarlet, vermillen primana, Acc.

the size of the thrush REDWING BLACKBIED. A well

known American hird, that builds its nest no low liashes, perc pends, and in marshy REED. A kind of long, hollow, knot-

ted grass, that graws in tens and watery REEFING. A sea term for the milling

or taking up a sail in a gale of wind. REEL. A muchine tarning round a

an axis, on which lines of different kinds are wound

REENTRY (in Law). The resuming or retaking possession of lands lately last. REEVE. See Hurr.

REPEBENCE (in Law). matter in dispute to the decision of an arbitrator, also in the Court of Chancery, in England, referring a matter to a master REFERENCE (to Printing), A mark

hard the control of t

REMCPTANCE, A sum of money and

REMORA. The generic name for the

BENDERVOUS. An appointed place meeting, particularly for soldiers,

The guarrie pairs, and conbears of the number of a said, and in one with to could REST. A grafft morning yearly out of

Jappia no tenomento RENTAL, in SERVICE. In Beginned. a roll in which the rente of a reason are

act down the collective amount of renta from may man's estates. BENT CHARGE. In Fogund a charge of cort upon tand, with a riasse of

distress in row of non payment

REPUSTING A kind of watch, which, by morner of a spring, repeats or strikes the hour

REPELLANTS. Mediciona wheth acre, the homours from the part where they mave writed. REPERTORY. A place where things

aci-Accomited a files a book to which things REPLEVIN (in Law). A release of WIT:

de that are distraine REPLICATION (in Law). The plain.

Hill's repts to the detendanc's unity REPORT to Law: A relation of Judicialty debated and decided upon. A relation of cases

REPRESENTATION OF LAWS. matter another, as in the rase of an

REPRESENTATIVE (in Law). Om who represents a district or corporation,

the reproduction of a tree from a slip, But more particularly the reproduction of and male which have been cut into pieces, me the polype, and some other worms; also the timbe of craise, tobsers, &c., are reduced when broken off, REPTHANK. The first order of agreeda

under the class amphibia, in the Limments evident, comprehending the total, the free. tun dragan, the likard, emeable, &c.
REPUGNANCE (to Law). A contradic-

tion of what has been said before, us in decile, grants, Ar., which makes them

REPULSION (in Physics). in bodies of opposing the approach of other botics, as oil and water, which for a time refuse to be incorporated; it is opposed to

RELICESTS, Cours or. In England, a yourt for the recovery of soull debte.

RESCUE IN Law ! The violent maing away, or causing to escape, one that is taken by lawful authority.

RESERVE. A body of over kept against in the day of bottle for some particular suras occurion may require

BESIANT (in Law). One residing to

RESIDENCE (in Law). In Embed, the continuance of a pursen or vicar so has

RESIDENT. A minister of state ness. be reside at any court. RESIDUARY LUGATEE. Betowleum

the residue of a personal estas is given hy ESTOUGH The residen, or what is





the elephant, having a born in his front, and a skin full of wrinkles, which is so hard that it can scarcely be pierced by a



RHODODENDRON: A shrub bearing

BHOMBOID. A quadrilateral figure, whose opposite sides and angles are equal, has it is neither equilateral nor rectan



REPORTIS. A quadrilateral figure which is equiliberal, but not rectangular



BRUBARR, A pe ennial, the mot of which is much used in medicine, particu-

RICKETS. A discuse in the back hour, incident to children.

RICE. A sort of escalent grain, cultivated in warm countries, which grows to busks of an oval figure.



RICK-CLOTH. In England, a turpawling, which is set up by stacks or ricks of bay or form, while it is attacking. It is worked with pulleys, as represented underneath.



RIDER. A leaf inverted in or attached RIDER (in Commerce). One who trareis for a trading or mercastile bouse to colling pellers.

BIDER (in Gunnery). Apleant would equal to the length of the holy of the axistree of the gun cardage. BOHR BOLD (Schow), A schools



.



ROLLER in Surpery). A long, broad ligature, for Kopping the ports of the body in their places. ROLLER in Ornithmony: A cost of

hird the stee of a jay. BOLLING MILL: A machine for

working metals into plates or borssort of mill is chiefly used for drawing out the less bars, after they have been manufactured into har brondly the farge Johnson. ROMAN CATHOLICS. hold the doctrines, and animit to the disripline of the Romish church.

BOOD. The fourth part of an acre. A sectable European fired of ROOK the crew hind.

1000'f' (in Arithmetic) quantity, which mutuplied by itself profu

ces a higher power, as il, the square root of 4 or the cabe need of 5 BOOT in Boinny . That part of a plant which is under ground, and by which the

plant derives its nourishment from the ROOF (in Grammar). The s

words from which others are formed.

BOPE. The larger kind of cordain formed by the twisting of several strings of yarn together; the smallest sort of rope is called tord, and the larger kinds which is used for the rigging of a ROPEMAKING. The process of twist ing yarn into ropes by means of a whee ROPEYARN. The rope of any varn

untwisted.

BUSE. A shreb opeally colebrated and BOSE. A short equally calchested and admired, by both audients and moderns.

ROT. A disease among sheep, in which their Jungs are wasted and their thronds swollen

ROTACEAE. One of Linnaus's natural order of plants, consisting of such as have ort-shaped petal without a taber. BOTATION (in Geometry). The cirvalide line, by which solids are conceived to be reperated.

BOTTEN STONE. A mineral, found in Derbyshire, which is used for all sores of finer grinding and polishing, and sometimes for cutting of stones.

ROTUNDA, or RETUNDS. building at Rome, which was suclearly called the Pantheon; also my sircular ROTUNDITY OF THE RABTE.

Roundness of form ascribed to the earth from various appearances which serve by prove it, as, for instance, that the musts of a resert come in eight before the bull to BOUGH A red paint extracted from

the plant called by botanists the cartistosis

ROUGH-CASTING, A kind of mortas which is thrown on roughly, instead of ining plastered on

EUUGHRIDER. A non-commission officer in the cavalry, who assists the reslog minter

ROUNDHOUSE, In England, a term porery prison in a parish, where those who are approbended by the constable are confined.

ROUNDHOUSE (among Mariners). The uppermost room or cabin in the stars of a ship, where the unster lies,

BOUNDS. A watch commanded by an licer, who goes in the night time round BOUND HOBEN. A paper contain

admired, by both animotes and momenta, in the statement of grievances, on the part of section of the knuty. The set extended species of this favourite any number of discontinuous manual crub, are the hundred leaved rose, daid street of the transport of the favourite street of the hundred leaved rose, daid street of the transport of the favourity of the favourit



ward I

tomkers.

BAFE CONDUCT.

sings out of his rentm.

the coal mines, to prevent the fatal ex-

A security given

flower of the crucie; also a substance formed from the stigmists of the crucus officensial dried on a kills and proceed into

Indies, called by botanists the eyess cir-SAGOIN. A South American animal

SAIL. A large piece of canyam per

well of several breadths sewed together, ented at early at the reign of Edwhich, when extended by mean of lines in musti, extelies the wind, and drives the vessed along,
vessed along,
valleING. The conducting a re SADDICEES. A sect among the Jews, which were estremed as deists and free

on one port to another, which is the practical part of navigation.

by the king under his great seal to any person, for his paint coming into, or pas-SALAMANDER. A sort of binard, which candes from its pures a milky bquor, by which it is enabled for a time to resist the action of are. From this virue, it was formerly supposed capable of fiving HAPDGUARD. A protection given by a prince or his general by an enemy's entry, so present it from being myaged SAL AMMONIAC. A finished which BAFETY-LAMP. A lamp invented by r Humphrey Davy, for the use of minera

was said to be dug out of the made of Ammonia in Libya, from which it took its name. Here & no notive salt of this



SAPPING. A working underground to gain the descent of a dirch, counterscarp, &c.

SARCOCOL. A gum resim brought from Persia and Archiva in small grains, and supposed to be the product of a tree called by hotamists the pennes sarroculia. SARCOPHAGUS: A sort of stone ceelins, which somewheel the bodies placed in them in the space of forty days. It was

used by the unclosite acmetimes instead of burning the bodies by fire. SARDONYX. A provious stone, consisting of a mixture of chalcedony and compiling stone.

SARMENTOSÆ (in Betany). One of Linnsus's natural orders, consisting of plants which have climbing stems and branches, like the vine.

SARSAPARILLA. The root of the rough smitht, a plant growing in Fern. It has a betterish teste, and is much used, in malicing.

In the army is worn by the officers, SASSAPRAS. A yellow, ishiriferous would of an aromatic scent, common in

Wasel of an aromatic acces, common in Assertice. BATELLITE. A secondary planet maying round appeller, as the moon does send the earth, so called because it at-

moving round amilier, as the moon dues posed the earth, as called because it useds the primary plants from tions to setting, after the manner of the material with attended on the eastern princes as a guard. Topiter has four each applicafiation acre, and Henchel als.

BATIN. A closer kind of sith stuff.

BATIRG. A biting sort of postry,
written to expose the follow of men.

BATURATION. An impregnation of

s fluid with as much of any solid substance as it can dissolve. Thus wester Digitized by



SATUEN. One of the primary planetathe tenth in order of distance from the sun, which is thirty years in performing his siderest revolution. He is marked by this character h.

SATURNALIA. A feetival at flores, in commonweation of the spiden age, or the age of Saturn, when all men enjoyed their liberty, as the poets tell us.
SATURN'S RING. A broad, opake,

circular are, which encoupasses the planet like the wooden herizon of an artificial gishe.



SAVOY. A next of winter cathings with a crompled leaf, which is greatly improved in flavour by being exposed to fine... SAVMILL. A mill for saving trees into boards, planks, &x.

SAWYER. A mechanic employed in saving timber. There are two swyrm to one place, one of whom is in the jit, as there any they also stands on the timber



COOR HARMS STORY COOR C

benda not only circlet in wed some, or maride, but nise sociosing engaging in all its kinsis, and casing is been, but

Artitle-on formwise a fact

WAY, &c.



SEM which interest the six greater circles of | ing half, as semicards, half a circle ; semi she sphere at right angle SECONDARY PLANETS.

which revolve as satellities round the primary planets. SECRETARY. One who is employed

in writing letters, &c. for a person.
SECRETION. The separation of some fluid from another in an animal or vego-

SECT A religious party. SECTION. The natting of one plans by

SECTOR. A mathematical instru-

ment used in measuring proportional quan-\$55 ins. SECTOR OF A CHICLE. That pos-

this of a circle comprehended between two radii and an arch. SECUNDUM ARTEM. By the rules

of art. SECULAR GAMES. Games among the Komans, so called because they were petetrated but onto by a swittings or age.

SECULAR PRIEST, One who has and taken minastic views SEDAN. A close chair in which per sons are earried by men, used in Bitch in

England, and in name other places.

SEDIMENT: Whatever withraw sinks

to the bottom of a fluid SEED. The employe of the troil of every evaniable, containing the rediments of the

SECUREST. Any part of a time in a manyle or other figure, out off he is perproducing het fiel upon it.

SELMENT OF A CIRCLE. A past not not by a chard, or that persons you

perhanded between an arr and a chief-SERVICE, GRAND. The milian or concountries to produce and produce and produce to the produce and pr SEIGNORY

power of a load BEIZING. A sea from for binding reco

popul topother. SEITHER OF LAW .. An arrest of the chandus, that is problemed so others as

SELENH'M, or Salesive The sul

SELENOGRAPHY. A description of of the backet.

SELLING OUT moving Stockbooker A transfer of one's share of stock from one reman we woodhed, in disable then from heavy Ing in, which is the purchase of the stock hold by lookher. SELLING OUT CARRIED Milliony M.

in England's The setting one's commis-

SEMIMETALS. Found leading you ma leable, yet in some measure to be fired by Brn.

SENIORITY. Priority of busts. SENIORITY (among Milliony Men). Priority in the time since the raising of any regiment, or an officer's receiving his mission, &c.

SENSE. That thenly of the soul, w merely it perceives external objects by mesons of impressions made as particular parts of the body, called the organs of sense, and then conveyed to the sensory; the sensor are five, namely, seeing, hearing, smelling,

tage, and feeling SENSIBLE HORIZON, See HUMPRON. SENSITIVE PLANTS. Plante of the mimes tribe, which have the attraced mary property of closing on being togethed, SENTICOS.E. One of Linneas's main-

ral orders of plants, including the rose, brier, hawthern, &r. SENTINEL. A private soldier planed

to watch at some post, SEPLARIE. One of Linners's nations reder of plants, including week as green wild to bedges or are used for bedges, as

the brier, privet, &c. SEPOYS. Natives Natives who serve in the my in India SUPTEMBER. The ninth manth of the

year, so called because it was septimus Meaa, the accepts month of Ramine's your. SEPTEMBLAL Every seven years, as arptennial parliaments, t. b. new parliaments chosen every seven years, acting are at present appointed in England, SEPTUAGESIMA. The first Sunday

SEPTUAGINT. The Greek translation of the Bible from the Hebrew into the

Greek by seventy-two Jewish listery by order of Protemy Pathdolphus, king

SEQUESTRATION (in Law). The squesting a thing is perfectly from the pressure of both perces, till the right be SECUESTRATION (mile Cell Law)

The art of the ordinary deposing as the goods and efection of a person discount, retate no one will and its win. SERAGLIO. The paints of the proof.

SPRCE. A weather stoff canadianced

BERGEANT, OF SCHOOLST AT LAW, In England, the highes degree trace to the common law, answering to that of The said of the print

HI. A peaks to many would, signify Digitized by





the kn the knee and the ot; also the long and cylindrical part of different the shank of a candiestick, &c., SHARE. The cutting part of BHARE. A voracious fish, the



SHARP. A b



SHEARS. A tool n

SHEARS. A tool made in the form of testenors, for clipping hedges, &c.

SHEATH. A case for a knife or sword.

SHEATH. SILL. A bird inhabiting the fouth Sea stands, which has the upper sandible of its bill covered with a sheath.

SHEATHING. The covering nailed on abin's bottom. In protect the shanks from ship's bottom, to protect the pi

SHEEP. HEEP. A domestic animal, much and both for its flesh and its wool. Of different breeds of this animal, the the Downs, Leicester, and Norfolk are most esteemed in England. It is one most esteemed in England. A don art of the live stock



SHEET. A large lin

ed.
SHEET. A breadth of paper sits of being folded into a given SHEET (among Mariners). betened to the corner of a said. SHEET-ANCHOR. The larg

BHEICK. The chief of a tribe a

the Arms
SHEREL A Jewish silve cots, worth
SHEREL A Jewish silve cots, worth
short half-a-cover storing,
SHELP (some storing,
of carts, which lies unless mould.
SHELL (some createness covering of
SHELL (some createness covering of
SHELL FIRM, Plan increase with a
SHELL FIRM, Plan increase, as of where,
createness, as departure.

hard covering, either hestatement, as opposited or crustatement, as believes, as the control of the country of

the prisoners, sees to use.

write, &c.

SHIELD. A weapon of defence, borne
on the arm, to turn off lances; also another
name for an oscutcheon, by which it is

warenessed.

name for an occutcheon, by which it is represented.

1 represented.

1 septembered.

1 septemb

of naval architecture, or the art of co structing vessels according to certa

draughts.

SHIP-MONEY. An imp SHIP, MONEY. An imposition formerly charged upon the ports_cities, towns, &c. of England.

of England.

IPPING, A general term for whatever relates to ships.

SHIPS OF WAR, commonly called with artillery, ammunition, and all the with artillery, ammunition, and all the

lan or Waz. Vessels properly equipped ith artillery, ammunition, and all the appearance of war necessary for attack Implements of war necessary for attack defence. Ships of the first rate or class mount from 150 to 110 guns and the first rate of the control of the control

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resied together out of warm water, into softening their natural gum, and making them stick SILK-THROWER, OF SILK-THROW-

stan. One who throws or spins silk so us to fit it for weaving. The company of silk-throwers in London, was incorporated in 1629 SILKWORM. The worm from which

only prosilk is most com-WALK





SH.VAN. Pertaining to woods, as the silven armphs, &c. 341.VER. The whitest of all metals, is

muderavity barder than gold, but not note to ductile or malicable. It ignites before it malts, and requires a strong heat to fuse it; it is chiefly found to South Americ

SILVEBING. The act of covering the auffaces of entantiers with a line couring of effect. It is of particular use for call mary otension, as it resusts the corroding similar in Mathematics. An opt-

that mostly applied to figures, angles, &c., which have the same disposition and con-

SIMONY (in England). The corrupt presentation of any one in an enclosuast!"

not benefice, for money, got, reward, or Same B4. SIMPLE (in Medicine). What is not mixed wan any other thing, as opposed to a compound.

SIMPLE (in Pharmary). A general name for all herbs which have any partisular medicinal virtue.

for the druggisti.
SIMULTANEOUSLY. At one and the

SINECURE. An office to which lists

or no personal service is attached.

SINE DIE, i. c. Witnesst Day. A term in law for a defendant who is dismissed reart without trial.

SINE OF AN ARC, A right line

drawn from one end of an arc perpensi-cuter to the radius drawn to the other cud. SINE QUA NON. What cannot be dispensed with

SINEW. The ligament which joins tour hones SINGULAR NUMBER (in Grammar).

A noun which denotes a single thing.
SINKING FUND. A portion of the public revenue set aport to be applied to the reduction or diminution of the national debt. This measure of appropriating a part of the revenue of the country for the discharge of the public debt was adopted in Holland in 1655, and in the Enclosissi-cal States in 1655. But the particular fund so called in England was first adopted by Mr. Pirt.

SIPRON. See Syrner. SIR. A title of address to barenets and knights, coupled with their Christian name, as Sn William or Sn John, &cc.; also a general complimentary form of address

SHIUS, the Doueras. A very bright star of the first magnitude in Caule Major SIROCCO. A periodical wind in Italy and Barbary, which prevails thent Easter SKELETON. An assemblage of the



tiones of any animal, cleased, dred, and rved in their natural pari EINE OF THE STATE OF THE BUTTON



as the diamond.

SAPPING. A working underground

to gain the descent of a ditch; countermearly & c.

SARCOCOL. A gum resin brought from Persia and Arabia in small grains, and supposed to be the product of a tree called by betanists the peners successilla.

SARCOPHAGUS. A sort of stone coffine, which consumed the hodies placed in them in the space of forty days. If was used by the aucients sunctimes instead of harming the bodies by fire.

SARDONYN. A previous stone, con sisting of a mixture of chalcedamy and cornelian stone

SARMENTOS E (in Beauty). One of Linnsus's natural orders, consisting of plants which have climbing stems and

branches, like the vinc.
SARSAPARILLA. The mot of the rough emiles, a plant growing in Perc. It has a bitterish taste, and is much used

in medicine. SASH lamong Corporators).

of wood with paner of glass for a window. SASH. A giotte owned the waist, which in the stray is worn by the officers.

BASSACRAS. A yellow, udoriferwood of an aromatic scent, common in America

SATELLITTE. A secondary planet moving round apollor, as the moon does pound the cards, so ralled because it at tends the primary planet from rising to setting after the manner of the satellites who attended on the castern princes as a Jupiter hos four such satelliter, Baturn seven, and Herschel six.

BATIN. A gloory kind of silk stuff. SATIRE: A biting wort of poetry. written to expose the fallion of men-

SATURATION. An impregnation of any selid substance as it can discolve. Thus water



SATURN. One of the primary plan the lenth in order of distance from the bu siderest revolution. He is marked by

fals character b.
SATURNALIA. A festival at flume, emoration of the golden age, or the age of Samen, when all men enjoyed Heir liberty, as the posts tell us.

SATURN'S RING, A bond, spake, circular are, which encompasses the plan et like the wooden horizon of an artificial giobe.



SAVOY. ith a crumpled leaf, which is greatly in proved in flavour by being exposed to from: SAWMILL. A still for anying trees

SAWMILL. A still for enwing trees into beauto, planks, Arc.
SAWYER. A mechanic completed in sawing timbers. There are two suvyers to one piece, one. (VO)() (8 to pit, or section, and the other stephic on the timber.



OF. A sert of openies.



trade by those wo desyntch.



BCTAGRAPHY. The art of finding not the four of the day or the night by the shadow of the son in the moon. SUION. A grad or young shoot of a

Schuffic. A space or globe of wood with a nale, in white a placed a sens, so constructed that if may be burned you every any, and used in making experiments in a darkined risan SCHIE PACIAS. A west of executi

which lies a year and a day after judg-SCHRIBUS, A hard measur of me

Bland SCITAMINER. One of Linnens's

natural orders, indisordiending garger, cardamanin, spaces, and other promotic plants SCORING on Abuse). Collecting and arranging the orienal detached parts of a piece uma a certain coder

SCORPH), time of the twelve wigns of

the radiar, marked thin 27.

SCORPION. An ansect, having right legs, which reasonable the rest, but much smaller. It is armed with a primpost state the punctors of waters in har charges in very dangerous,

very dangerous, SCHEEN. An implement in implement, which covers of a frame and wire work, with which wheat is released of the dust



Horsemen sent our



distance before the army, in order to dis-caver the movements of the enemy. SCREW. One of the six mechanical

powers, ransisting of a spiral thread or grouve out round a cylinder; when the thread is on the conside, it is a made or contex screw; but when it is out along the inner surface of the cylinder, it is a famair screw, otherwise called a nut,



SCRIBE. A doctor in the Jewish law, whose business it was to write and inter pret the scripture. SCRIDING (among Carpenbers).

ting the edge of a board to the side of

SCRIP. A bug fermenty carried by pilgriena

SCRIP (in Commerce). That part of any loan which remains unpaid for by the

SCRIVENER. One who draws up and empresses writings. The company of enjurners in Lundon was incorporated SUROPULA. A disease cor

hard smallings in the glandules of the Solitiful. A small weight equal to

SCHUPLES EXTERSED. That part of the diameter of the most which enters the shoul-

shadow.

SCIEUTINV (in Law). An examination of safrages or votes at an election,
for the persons of accertaining whether

Hoy are good so not.

BUTLIFELT, or Scotte, annexed to an surpayer's name, denotes that he engrav-

auguster's mann, flenotes that he engras-ed in corved the parce. 67 OLF TORE. An art which compre-lends not only careing in wood, stone, or marile, but also suchasing, comaving in all its kinds, and custing in brunzs, lead,

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phate of lim

the face of the me

SELLING OUT (among Stuckhooke

A transfer of une's slowe of stock from one

permit to weather, in distinction from buy ing in, which is the purchase of the stock

ssession of both parties, till the right in SELENIUM, or SELENIE. The orldetermined by course of law. SEQUESTRATION (in the Civil Law) SELENOGRAPHY. A description of The art of the ordinary disputes of the

goods and chattels of a person decramit, whose estate no one will meldle with-SERAGLIO. The palors of the grand SERGE. A woollen stoff nameholumi in a low SERGEANT, or SHIREAR AT LASS.

BELLING OUT (among Military Me in Ergiand). The selling one's commis-In England, the highest degree taken in the system in w, stowering to that of MI. A prefix to many wends, signify.

SHE SHANK. That part of the fore leg of a bone that is between the knee and the second joint next the feet; also the long and evindrical part of different things, as the shank of a randiestich, &c. SHARE. The cutting part of a plough. SHARK. A yuracious fish, that inhibite

the sea only, and grows to an enormous sine.



EHARP. A half note, aiguifying an elevation, marked time



SHEARS. A tool made in the form of scissors, for clipping bedges, &r.
BHEATH, A case for a know or sword.

SHEATH BILL. A bird inhabiting the South Sex islands, which has the upper mandible of its bill several with a sheath. SHEATHING The covering nathal on a ship's bottom, to protect the planks from WHITE

SUPEET. A domestic animal, usuch raiged both for its flash and its wood. Of the different breads of this animal, the South Rowns, Leitester, and Norfolk are the most esteemed in England. It is one of the porest profitable part of the lave stock where the lands me dry. In



on is proferred for the woul.

son, when the florees of the sheep are ared or cut off. SHEET. A large lines cloth had on a

SHEET. A breadth of paper, that ad-

mits of being folded into a given form.

SHEET (among Mariners). A rope fastened to the corner of a sail.

SHEET-ANCHUR. The largest ancher

SHEICK. The chief of a tribe among SHEKEL. A Jewish silver coin, worth

about half a crown sterling. SHELF (among Miners). A hard coat of earth, which the under the mould, SHELL. A crustaceous covering of

SHELL-FISH, I'lsh invested with a hard covering, either testaceous, as system, or crustaceous, as labsters.

SHERIPP, or SWIGG-SERVE. In England a reeve or officer of the shire, who, an keeper of the king's peace, is the first man in the tomacy. He is appointed by the king for every county except Middlesez, where he is elected, according to and usage, by the livery of Lemion. In the United States, the Sheriff is an officer who attends upon court, has there of the prisoners, sees to the execution of

SHIELD. A weapon of defence, horse on the arm, to turn off lances; also another name for an escatchoon, by which it is represented.

SHIP. A general name for all large vessels which navigate the was, parties A general name for all large tarly those equipped with three maits and a howeprit, the masts being composed of a lower must, topmast, and toppillint must, each of which is provided with yardir, sails, &c

SHIP BUILDING. The practical branch of naval architecture, or far art of con-atracting vessets according to corrain

SHIP MONEY. An impanion femore, arged upon the ports, clim, towns, we. of England.

SHIPPING. A general term for word ever relates to ships,

SHIPS OF WAR, commonly called Max or Wan, Vennels proper perions with artifiery, ammunities, and all the implements of war necessary for some implements of war necessary for he and defeater. Shippe of the foot rate actions mount from 100 to 110 peas and upowards; of the second from 50 to 20 pure; third rate from 54 to 74 pure; fourth rate, from 50 to 50 pure; fifth may SHEARING The spring was from 20 H grant, but with mar, to an Digitized by

ends of several cocoons are joined and recind together not of warm water, into which they are put for the purpose of suffening their natural gam, and making them stick.

SILE-THROWER, or BILE-THROWarea. One who throws or spins silk so as to fit it for weaving. The company of silk throwers in London, was incorporated in 1999.

BILEWORM. The worm from which mik is most commanly procured.





SILVAN. Pertaining to woods, as the

silvan nymple, &c.

SIGVER. The whitest of all metals, is
punniderably barder than gold, but not quite se ductile or malleade. It ignites before it molts, and requires a strong heat In time it; it is chiefly found in South SILVERING. The art of covering the

emiliares of inhalances with a thin of of others, it is of particular use for cult-ustry microsite, as it reseas the corrolling power of vinepar, S.c. SIMILAR (in Mathematics).

that mostly applied to figure, angior, &c. which have the same disposition and con-formation of the parts.

SIMONY (in Engined). The corrupt

presentation of any one to an ecciosmati ral benefice, for money, gill, reward, or boosefit. SIMPLE On Medicine,

mixed with any other thing, as opposed to и ситрепод. BEMPLE (in Phermacy). name for all herbs which have any partie medicinal virtue.

SIMPLES. One who gathers sample for the draggisth

SIMULTANEOUSLY. At one and the SINECULE. An office to which time

nat service is attached. SINE DIE, i. s. WITHOUT DAY. Atterm in law for a defendant who is dismined court without trial.
SINE OF AN ABC. A

right lime drawn from one end of an are perpendicular to the radius frawn to the other end.
SINE QUA NON. What cannot be

dispensed with SINEW. The ligament which joins SINGULAR NUMBER (in Grammary.

A noun which denotes a single thing.

SINKING FUND. A pertion of this public revenue set apart to be applied to the reduction or dimination of the national defit. This measure of appropriating a part of the revenue of the country for the discharge of the public dets was adopted in Bolland in 1655, and in the Ecclesiasti-cal States in 1665. But the particular fund so called in England was first edepted by Mr. Pitt.

FIPHON. Sen Syrnas.

SIG. A title of address to become and knights, ampled with their Christian name, as Sir William or Sir John, Ast. also a general complimentary form of ad-SIRIUS, the Doubtan. A very bright

tar of the first magnitude in Canle Major SIROCCO. A periodical wind in Italy and Bushary, which prevails about Easter SKELETON. An assemblage of the



sea of any unimo, cleaned, fried, and preserved in their natural position.



SNAIL. A sort of testaceous animal, of

which there are numerous species, that wary mostly in regard to their shells. Fonds without shells are called slogs. SNAKE. An amphibious animal, which an ed in its cylindrical body SNEEZING. A convulsive contraction

of the chest. SMITE A heath bird, nearly allied to



by the fireating of the vapour in the mi-SNUFF. A mucuric poseder prepared

e begins of the total our plinat SOAP. A composition of oil or fat, and putashes, or any other alkali. The soft soop is neade of potnets, and nil or tallow; the Spanish or Castile soup, of od of slives, and sods or barille: black scap is neithm of tram oil and an aikali. SOCIETY. A name given to any ass station of persons uniting together, and co

operating to effect some purbleular object, as the excieties or madernies for promoting of literature, charitable societies, es of public charity; missionary or sending missionaries ubroad;

thesis that the sun is the immoveable sentre of the universe, round which all the other planets revolve at different distances, and in different spaces of time, SOLDER. A metallic remposition used

by plumbers and other artificers, for the purpose of uniting metallic balley more tirnly together. Iron's generally soldered with copper; rapper and lease, with him. SOLE. An European fish much valued

SOLECISM. An impropriety of speech contrary to the rules of grammar. SOLICITOR. A person who is employ-

ed in conducting suits in courts of equity SOLID (in Geometry). A magnitude hich has length, brendilt, and thickness. SOLID (in Physics). A body whose minute parts are so connected together as not to yield readily to the impromise of external force, in distinction from a fluid. SOLIDITY. That property of matter by which it excludes every other hely from the place which themes SOLITARY COSPINE CONFINEMENT, TIM

confinement of prisoners by the SOLO (in Music Beske). A name for

any part that is purfermed by one single SOLSTICE. The time when the son in

at the greatest distance from the symbol, namely, 27 2st; which injects wheat the 21st of June, when he enter the best of Currer, or the summer soldier, and all the 21st of December, when he sowers on tropic of Capricum, which is the wanter

BOLSTITIAL POINTS The live





SPONTANEOUS. An epithet for this that act of to-merives, without any apparent external agency, as the spontage combination of vegetable suistaness, which when highly dried, and theely he will torst into a flame; andie pomi-





STA

STAGE-COACH. A public vehicle, so called because the bosses on only a certain intrace at a time, which is called a stage. in the decayed trunks of trees.

STAG. An elegant animal, the male of which has branching and recurvate horns The branches of a well grown stag are at least six or seven. This animal is not found in America.



STALACTITES. A sort of calcureous earths, consisting of carbonate of time, earminic acid, and water. It is found sumended from vaults or the roofs of caversa in calcarenue inuentains. STALE, Captie (in Botany).

part of a plant which receives the normalment from the root, and distributes it to the other parts. STALL A particular sust in a cathe

drai; also a partition in a stable; and an open aloop in a market or fair.

STAMEN in Beauty. One of the principal parts of fructification in plants, on

Which Landon's seven system is founded: STAMINA. The simple original parts STAMINA. The simple original parts of an antioni budy, which existed in the ambryo. STAMP. Any instrument with which

an impression is made; also in England, paper bearing a particular mark or impres-sion, which is need for occupies, deeds, and other instruments, and for which a tax is

STANDARD. An original weight or measure by which other measures are regmaget: These measures are committed in England, to the keeping of a magistrate, or deposited in some public piace, as the Eachequer.

STANDARD (in Military Affairs). fleg or hunner, home as a signal for the

standard of Rogland is a flag in which the g in w. Sentiand, and Ran imperial arms of England, Ircland are quartered, with those of

STANNERIES. Tip mines or works. STAPLE (in England). A town whom there were public storebouses for marcha dise

STAPLE COMMODITIES. such as wood, rinth, insil, &c. which might be laid up in the staples or storeficious

without damage.
STAR. A general name for the heavenly bodies, but more particularly for what are otherwise decominated fixed stars, as distinguished from planets, somets, satellites, The stars were distinguished by the ancients into different collections, inchwithin imaginary figures railed constellations. The particular stars in each consiellation have been momere distinguished, by the moderns, by the letters of the Greek, and also according to their magnitude, from the first or largest to the sixth or the smallest that are visible to the naked eye.

STARBUARD. The right band of a ship, when looking towards the head or fure

STARCH. A powder drawn from wheat figur, and med in stiffening lines. STAR CHAMBER in England). A

court where accountly the Lard Chanced-lor, usualed by others, and to sit to punish riots, forgress, and other great effences. STARFISH. See Stabias.

STARLING. As European bird about the larbey long, that is very docile, and may be easily tought to speak.

That branch of the science of mechanics which tearies the properties

of boilins in respect to their weight, wast Ultrings, &c. when in a state of out. Som MEUHAN STATIONER. A dealer in paper, per

and all writing atensits, &c. The violine ers in London, form one of the city com-

STATUARY. A breach of scuipture yed in the making of status;

STATUES. Figures of most or relies or stone, A.c., or curved in word, and out in placter of Paris, or in different kinds of STATUTES (in England), Act of pr

tininent made by the tires estate of the realm, schick are either public or provide. The courts of Westmisser met his ou nizance of the public strutes without this PANDARD to the season and the season of paints of paints





extend), and becomes elected segme of its openite gravity in 1,500, its SULPRIE, Parento to. Aprello cored from supplest when it is bessed

81 LPSC B375 - Composide of exhibits with different attains excite and burnlik

SULPRUBIC ACTO. As sold commising relation the bases, and on gree. On

restricted, resistance and in palled what An acul Re ad its the continuation of pulphus with a

SULTAN. The title of the empene of the Turks. He resides at Communitimple.

Many interior Arable princes are styled SU'M.AL. II. A shrub which grows natio-

From its roots, when dried and round at the milt, is promised a powder used in innering and dyeing. SUMMER. Out of the four seasons of

alphore, when the our enters Canner, about the this of time SUMMER in Architecture).

piece of timber that supports a sustaing, A contain by

virtue of which anymen is called to ap-SUMPTUARY LAWS. Law Laws regulitting dress and densette dat. SUN. The pert luminary, supposed, according to the Operaless system, to be

the sumovestle date of the uni having all the places resulving around him at defire a factores, and in different periods of time. Its is marked thus, (SUNDAY. The colour or lard's fur SUN-PLOWER. A past, the gellers

flower of which appeals like the rays of the am SUPER. A profit regulifying extern, me superaluandani, sepenandales, A.

BUI GENERIS. Of its own nature or SUIT. As action at Law. GUI PHATES. Suits formed by 11 Digitized by GOOGLE

SUGARLASE, & plant growing in

the Ear and West Index, and other tempical coupling which connected a knowled

med, that runs emostimes to the beight of

Promittie, eight and military are made.

Arsetate of lead

twenty feet, but made of a more mo-

SUGAR OF LEAD.

sugge plaintening.



SYN

the Athenians, who gave information of those that experted figs contrary to less now taken for a tringing, coeaking that

SYLLABLE. An articulate sound form ed by a vowel alone, or a vowel and consonant.

SYLLABUS. A list of the chief bends

(a took. SYLLOGISM, A logical argument con-

sisting of three propositions, called the major and amore, which are the premusers, and the question which, after it is drawn, and the question which, after it is drawn from the other two, is called the nonsequence or conclusion; thus, 'nevery animal has life; man, has life; therefore man is an animal.' SYMBOL. The smillers or representa-

an atrodic, I for maners of representation of some mixed quality by some animal or thing rupposed to posens the same quality; as, a lieu at the synthet of courage, two famile, joined together, a synshel of unites. These synthets were much used by the successia in representing their deltion, as the case, attributed in Juplier is the symbol of her power.

SYMMETRY. A doc proportion of all the parts in one another and to the whole. SYMPATRETTE INC. A kind of tak which, when written with a invanial until it is hold to the fire. It is made

duli it is hold to the fire. It is made from the substion of lead; bismuth, gold, and green vitried. SYMPATHETIC POWDER. A powder prepared from green or blue vitried.

SVMPHONV. A consequence or consert of several sounds agreeable to the ear, whether varial or instrumental.

whether vocal or instrumental, SYMPTOM. A sign or mark by which the nature of the disorder is discovered, SYNALOEPILA. A controlled of twe

viewels into one, SYNCHRONOUS, Dappening at the same time.

SYNCOPE (in Medicine). A faibuling or ewooning.

or swooning. SYNCOPE (in Grammer). Taking a

letter out of a word.

5 VNCOPE (in Rheteric). A concise

SYNCOPE (in Music). The division of note.

SYNDIC. A magistrate in Germany. FYNOD. An assembly of the clergy, FYNOD (in Astronomy), Accommenda-

of heavenly bodies, or recomms of the planets in the same opinit poor of the leavens.

SYNODICAL MONTH. The puncture of the period of the leavens.

referred that thesen separting from the sunreturns to a conjunction with him spain that twenty man stays, tweete broad







TESTATRIX.

STUDO.

TETANUS.





TETRABCH. Anciontly the of the fourth part of a province.

TEXT. The original part of an ac work, as distinguished from any none or

TEXT. A passage of scripture of as the subject of a version TEXT (in Printing or Meting). A pas-

in Printing or A roung). A pa-of bandwriting or firm of by faw) ere and others. by faw) ore and others.

A harm almost the Saxone.

TURGUS. A worker of mira-lying by the Roman Catholice.

THEORY.

THERAPEUTICS.

THERM.E. Hee bat THERMOMETER.

other soles he authors, to Cornelius Drebbet of by his countrymen Burchases chickrosek; to Pather Paul, h graphey Fulgensia; to Galiten by Courses to the state of the sta that to himself, and his claim is fairly admitted by Malphai and Eurelli. The draw of this investion was the six discovering constating of a given taken the former of a construction of the control with the

then record to becominating in a ball with a open vessel to becomesting as a past want to a street with the street. The ressel to 20 filled with a coloured liques that would not transport input that troops one of transport and a second of the second Precio, as administration under with a accounting of Phriod or copperate. The best at The best at the large being the property of the containing in it was no part of particular than the part of particular than the particular t air contarous in a was in pure and and then the liquer pressed by the extent and then the liquor present his the extent strength at the lower had not now to replace hopping the first and rose to replace hopping the first and the first and the strength of the first and the first and the strength of the first and the first and the variation necessarily with accounting the variation for fived and the first and the first and this force of the thermoments, which years that and the first and the firs Digitized by











TRAMMERS. An instrument for draw-ing avait on a beart; size a kind of strackles for a brose.

TRANSPORMATION. The courses

of one four into austor, to applied no

TRANSPT. The present of any pix

TRANSCRIPT.

Ac. Provide miller to the buyer. TRANSPER DAYS

Inat writing

stocks.

Inserts

to love or hate

TRANSMIGRATION.

TRAP A nort of mountain rock, camposes of harizoutil strate. TRAPEZION. As frequier quadrilate-

TRAVERSE (in Law). This which the

The copy of any neigh defendant pleads in his to avoid the plaintuff's ball TRAVERSE (in Profitedior): A towell

TRANSPER. The making over stock, Farmentar dices made quite arrise the mote of a plant apparented for the transfer of portugular TRAVERSE On Navigotion). The va-

riation or alterain in a ship's cooper. TRAVESTIE. Thebutteque minute of an author's myle and companie TREAULE. The scan of sound TREASON is England to divided halo

just by or cone a fixed state or the can't disk, particularly the Online of Mercury and Venue, which are interesting pho-High Treason and Petty Treatm. High Toronton is an offere against the hing or his government, wheter it is to house tion, word, or sed. fetty vesses at TRANSPILVE VEBE. A verb which be ats meaning passes over to an object, as or a serving his moser. Corted States, commer is overtacts, man iforting a cestry against the premarest.
The ASURES. Anoficerto whose care The parting of the brown soul out of one budy into annther, a doctrine which is asserted to Pythe treasury of the country of of art nime The Land Blade Trea-

Digitized by GOOGIC











VERDITER. A green paint.

helding liquide C



VIET ARMIS (in Law). Ye my distance the court, any inspection of the street in an indictment charging a

spins, seems up no sourcement emerging a forcible and violent commission of tres-VIGIL. The acreire used in the Rumish Vitalla, a me acres re-tace an anc momenture house no the night preceding a holyday tale

VIGILS. Certain fasts proceding feat-VIGNETTE. A frantispiece, or an or-VIGAETTE. A francispiece, or an or-ozonemial picture preceding the title page. VILLAINS (in England). Men of base

and agretic condition, who in the feudal and service condition, who is one transactions were immediately attached to the and, and bound in the lord to do services VINCULUM (In Algebra).

VINCULATION ARRESTS, in present time drawn over a quantity, thus, $\frac{1}{n+4}$, A Want that dontribus most in warm remarking as thely Spain Pirringal

water rounties, as anny, spans, coranges, and France, whose its cultivation forms a part of husbandly. It grows in those parts part of hospitanity the Errors in treme parts in the open fields, and is not soffered to the much higher than governerry or curthe much nights that greateherry or cur-rant bashes. The fruit of the vine is there an important arrive of trade

VINEGAS Wine or any other lique papered to the sub, until it is become sold. In this rountry vinegar is chiefly made from sider. VINEY ARD. A place set apart for the

equivation of the rine,

White A musical stringed instrument, Viol.IN. A common musical stringed inarconcept, which requires great whill be the personnes to make it ago



VIPER. An animal of the smake tribe, the bite of which is more or less venomous



re; in hot countries it is also mily facul

VIRGO. The sixth sign of th marked thus TE, and a constella different authors,

different authors.

VIBTUOSO, One skilled in authors our curiosities; a lover of the like

VISUERA. For interaction.
VIS INERTLE. The power in that are in a state of read, to reside

change that is endeavoured to be open them to change their state. arcording to Newton, is implanted VIECOUNT (in England).

VIECULINT (in England). A notice heat in degree to an earl. The first viaculative created in the region of them? VIVIECULINT'S CORONET. Has not fine and the state of the ther those nor poster range and citele, like those of superior degree only pearls placed on the circle is



briate use in the human body, as the prince use in the minner pour, as , liver, sall, bindler, &c.; but particular the incestines,

VISION. The semation in the brain. VISION. The monatum in the mean produced by the rays of high passing a nating on the opts purper of the eye.

VISITATION (in Exchange An act of the contract o

ATSTATION (in Engineer: An act of jurisdiction, whereby the hoding once in three years, and the architecton unce three years, and the arcamacon mea-every year, visits the chorches within his diocess or district, in see Healths discipling of the church is observed.

VISITOR (in Law . An imperior into the government of a corporation VISUAL ANGLE.

which an object is seen. An angle under which an edgest is seen.
VISUAL POINT. A point in the horisontal line wherein all the oreday rays.

VITAL AIR, how called Orrors.
The six of which the atmosphere is prin

The archy which the atmosphere is principally composed, which is associal to the support of life in animals and plants. VPTAL EUNCTIONS. Those functions VITAL FUNCTIONS, Thus functions or families of the budy on which the leaded and the budy on which the leaded and the budy of t

budy which file the whole huth of fee eve behind the errestling leng.

Digitized by



ing not also a long new for exching binds. TRAMMELS, An instrument for draw

ing avails on a board; also a kind of abacking for a burst.

TRANSCRIPT. The copy of any orig

TRANSFUR. The making over stock, form the retter to the boy

TRANSFT. The passage of her pe

disk, protectionly the transit of Mercury

and Years, which are interesting plus

TRANSPRIVE VERB. A work which

in its meaning passes over to an object, or

TRANSMIGRATION. The passing of

ther, a doctrine which is ascribed to Py-

the human and out of one body into a

just he me neer a freed star or H

TRANSPER DAYS.

to toy

thaguras.

verse unit in conir sections. TRAP. A port of mountain rock, com-

ees of horizontal strata TRAPEZIUM, An irresulter consistiates

TRAVERSE (in Law). That which the defendant pleads in har to avoid the plain-

TRAVERSE (in Portification). A trench made quite across the new of a place.

Microsofter Bally aumounted for the transfer of porticular TRAVERSE (in Navigation). The varistion or alteration of a ship's course.
TRAVESTIE. The busiesque instation TRANSFORMATION The charge out of me form into smother, as applied to

of an author's style and composition. TREACLE. The scure of sugar.

TREASON in England is divided into High Treason and Petry Treason. Torason is an offence against the king or his government, whether it he by imaginathe crime of a wife killing her husband, or a service his master. Treasur in the United States, consists to overt nets, man ifesting a design against the government. TREASURES, An afficerto whose came the treasure of the today of the today or of any company is committed. The Lard High Treasurers



TRIPLE TIME (in Music). A time ing of three measures in a bar. TRIPOD. The sucred seat, supported by three feet, on which the priestrones among the anticots used to deliver the TRIPOLI A mineral of an earthy

between but for the most part found con-TRISECTION, The dividing a thing

TRISVLIABLE. A word consisting of three syllables.

TRITON. A sea god. TROCAR. An inclus An instrument used in tapping for the dropsy,

TROOP, A sertain number of horse anidiers.

TROOPER. A horse soldier. TROPICS (in Astronomy); Circles draws at the dutage of Iwenty three and

arawa as the measure of inventy three and a haif degrees in each side the equator, that on the meth side called the Tropic of Cancer, that on the mouth the Tropic of TROPICS (or Grogmphy). The regions

of the earth which he within the tropical TROUBADOURS, Assist book of

Provense and Normandy. PROVER. An action which a man has beginner any one war, having found his

goods, or baying them unjustly in his past. seeman, refuses to defect them up. PROUGH: A tollow piece of wood, which writer to held water or any lither Build

TROTTE TROUGH A fish of the rains

spreading nurses. A long taken's load for THOY WENGET. A weight of tweigh

number of the pound, twenty penny-normal to the mane, and twenty-four gration (with penn) thought, cond for weight ing gold and naver it is so called from Trayes, a town in Proces.
TRUCK A suspendent of Bostoine

TRUMPET The loadest of all wind smeats, emaisting of a laided title, pengenth of byons



TRUMPETER-BIRD. A bird of South a child's trumpet.

dage worn in cases of hernin or rupture TRUSS (among Mariners). A machine for pulling a yard home to the most.

for poining a yare nome to the main.

TRUSS (in Commerce). A hundle of
hay or stray,
or fraging fifty-six pounds
of hay and thirty-six pounds of straw, the profits of land; and in equity to dis-

TRUSTER (in Law), One who has no tate or money put into his hunds for the use of another.

TUBE. Any pipe or canal which serves as a passage for air or any other fluid. TUFAS. Beds of lime. TULIP. A kind of plants which, for

the diversity and beautiful arrangement of their colours have fetched extenordinarily their coming parts.

ligh prices.

ligh prices.

TUMBELL, A dung part.

TUMBELL, A presentatival or hard

TUN, or TON. A vessel for wine and other liquors; also a certain measure of capacity, toutsining our gullons; also waid equal to 2340 pounds, whereby the TUNIC An estimated. An wader purposed in tree Satisfied The Reservery

TUNING (in Music). Rectifying the

the sounds of musical instruments.

TUNISTEN. An opaque mineral of a where relour and great of them and other carthy solutiones. weight, composed

out through hints, mountains, and even in A anhiterraneous Ti filler. A wort of fish inhabiting the

European seas, which grows sometime to think pounds weight. TUBERY

A large dolmestic bird, the Young of which are exeminely tender. The next is very point and transible, and areas about with his tall expanded, when moved either by pride or anger.



TRINFFERENTIAL A time or rooms consistently as a first of rooms. This bird is found in a fellid man of the states rounger.

This bird is found in a fellid man of the water bounter. The birds is fit with birds in found in a fellid man of the water bounter.



854 VAC

UNA VOCE. With one voice, anani-

UNCTION. Anothting with consecrated mi, a practice among the Jews in comegrating kings and private; also still in use sations, and in the Romish church un different occasions. The anninting of persons who are on their deathbed is called extreme unction

UNCTUOUS, Only, or like an oint-

UNDECAGON. A figure having eleven. UNDER SHERIFF. An amistant in

the high sheriff. UNDERTAKERS. Persons who conduct ficter UNDERTAKING (in Law), As es-

expensed to do a particular thing.

UNDERWHITTER. The person who undertakes to memor against losses at sea.

UNDULATION. The tremalous or vi-

brathey matter in a liquid.

CNIVORN. An animal said to have but one here is the foreigned.

One form of public INDPORMITY. WINDSHITY. One form of public winning, as prescribed by different statutes to be observed in England.

UNION. The bringing of two countries auder one form of government, as the Union of England and Scotland, and the Union of Great Britain and Ireland. the United States the term is applied to the confederation of the several states unthe one general government. UNISON: Unity of sound, mostly up-

plied to that which proceeds from differ-

UNIT. Angure expressing the number

UNITABIANS. There who deny the divinity of nor Sevenic, and consequently

the doctrine of the Tenety. L'STVALVIL. A shell consisting of one valve or pr

LARVERSTTY. An institution estab Deliver to public notherity for the education of youth in the ineral arts, and con-

In England an university consists of seve ral colleges under the government of a chancellor, vicerbancellor, procture, and heading besides the brade of the new houses, as in the universities of Caminolles URANIUM. A newly discovered metals

soft and brittle, but hard'y fimilis imfore the blowpipe; but with phosphate of both and ammonia melts toto a grass green glass

PRETER. The memoranous which convers the orine from each hidney to the nomery bladder. DETHILA.

A membrus which serves as a passage for the discharge of the urine.

URN, A vessel among the Romans, t which they put the names of those who were to engage at the public games, taking them in the order in which they were drawn out. In such a vessel ains they threw in the notes of their yours at the riestions DESK The name of two northern

dellations, namely, Usa Major and Urea Minor, the Great and Little Bear UNEUS. A genus of assimals in the

Linnean system, including the hear, and ger, meson, glutton, &c. USANCE. A determ USANCE. A determinate time hand for the payment of a bill of exchange,

reckoned either from the day of the bill is seing accepted, he from the day of the date, and so called because it is regulated by the usage or custom of the place USHEE (in Law). An officer will has

the care and direction of the door of a conset or built. USIGER (in Schools). An assistant or

USHUR OF THE BLACK ROD OR

England). An officer whose lesiness it as to bear the rod before the king it the feast of St. George and other solemnicies.
1'SURV. The taking more interest for

the lean of money than trainwel by ine.

V, the twenty-second letter in the alphabot, stands as a numeral for 5, and former by water a dust over it, thus Y, for 2000; as an authorition, Y - 6. Ve hi gratis, V. I. videliret, &c. VACANIA in Laws.

4 post or beau fire wanting the regular others or means

VACATION (in Law). The period been the end of one term and the beginning of another; and the same is the VACCINATION: Incelsion with

the cost pox, intended as a present

VACCUM (in Philosophy). A specie supposed to be devoid of all poster or bard's VALUE MESSIAN. The same of smy aitized by





plying rooms with fresh air. re for mp VENTRICLE. A cavity of the heart or

VENTRILINGUIST. One who by an, or by a particular conferenation of organs, is electrical to spending to make the an appear to your from the Moreach, or from a d'utampe.

SENIE to Law . The neighbours w there e forms are to be warmound for the trigg of capera VENUE, The politics of breaty, and daughter of Juplier.



VENUS (in Assuming) One of the -nigrous panets, but the heightest and to appearance the largest of all, marked by VEPRECULA: One of Linnens's na

TEPRESCRIPT, true or Lengues's na-tural orders, contaming brightless plants, as the bramble, there, &c. VERB. A part of speech which serves

to express action, presents, or existence; it to express action, pursues, or ex-is either artive, pussive, or tour VERBATIM. Word for a net. VERDEGELS. An aretate of respect

bred as a planning; it is the rast of bross gathered by laying states of that metal in beda with the hosh and prossed grapes, and oning it off the plates.

PER. A green paint.

VERGE. In England, the componer of the king's court. VERGER, In England, an of VERUEL In Engrand, an omeer of a must or a cathedral, who carries a red before the jodgs or the bishop. VERJUICE. The expressed juice of the

WERLDING, 2 in expension wild apple of reals.

VERMES, Warns, a class of a

venner, venne, a case or ann in the Linners system, that are slow modes, of a soft mission, extreme tenactions of tife, capable of reproduc-parts that have been destroyed, and VERMICELLI, An Italian die

VERSE, A line in poetry, consisting a number of four and short syllables; at the division of a chapter in the Bible. VERSIFICATION. The art and p

tive of making verses. VERSION A translation of VERT In Brother

VERT. In England, every thing in forest that bears a green leaf which in

VERY (in Heraldry). The colo green on roots of arms, contaying by lines drawn from the dext

VESTERR.E. A claim of little boson reaching from the nock down to the back.

VERTEX (in Geometry). The top any line or figure, as the vertex of a

VERTEX (in Anatomy). The crown of

VERTICAL, Partaining to the vortex or realth a star is said to he vertical when it is in the zenith

When it is in the zenon, VERTICAL CHECKE A great circle of the sphere making through the south and nade, and rutting the further at right

VEHTICAL POINT (in Astron That point in the heavens which is over pur treats, otherwise called the nemith.

nean natural orders of plants, including those whose flowers grow in the form of a What, as the mint, &c., VERTIGO, Giddiness.

VERVAIN. A percential, a sort of VESICLE, Any small vessels, elities by

mul body or in plants. VESPERS The evening prayers in the VESPERTILIO. A penus of wal-

VESTIGERALD. A going or annual in the Linnean system, empressed in the species of the lar and the vampire. VESSUL, Any of the tend the vempere.



an important article of trade.

VINEGAR. Wise or any other liquiexpected to the run, until it is beyone and in the country vinegar is roughly made VISEYARD

VINEY ADD. A place set apart for the

Office of the time.

Viol. A mostral stringed instrument.

Viol.IX. A common musical stringed
parament, which requires great skill in the performer to make it agreeable



VIOLONCELLO. A simuli bass viol. VIPER. An animal of the smake tribe, the hite of which is more of feet



second flower, also the colour of the s

VIS INERTIAL. The power in buche

change that is endeavoured to be made according to Newton, is implanted to all

count was created in the reign of Heavy Vt. Viscount's CORONET. Has been ther flowers nor points raised above the circle, like those of superior degree, but only pearls placed on the circle itself.



VISCUS. Any organ having an oppor prints use in the human hady, as the liver, gall, bladder, &c. ; but part the mestines.

VISION. The sensation in the brain produced by the rate of light passing or acting up the optic nerves of the eye. VISITATION (in England). An act of jurisdiction, whereby the bishop cape in three years, and the architegrous once every year, visits the churches within him disease or district, to see that the discipline of the church is observed. VISITER in Law - An inspector inter

the government of a corporation. VISUAL ANGLE. An angle nodes

which an object is neen, VISUAL POINT. A point in the horisontal line wherein all the ocular rays

VITAL AIR, now called Owner The air of which the atmosphere is prin

citally composed, which is essential to the support of life in animals and plants. VITAL PUNCTIONS. Those fluctions or faculties of the body, on which life

emediately depends. Immediately deponds.
VIETHEOUS HUMOUR, The pellucid body which and the which of the





LPER 4:22 P

F 833 3 WAGES. N

4 my Kind



WAGTAIL A M WAIPS a Engla

erwards waved or abandoned, which

otherwards warved or abandoned, which me factored to the king.

WAIST JULY DATE OF a ship between the quantification and forerastle.

WAIST Law Coffers Appeared a law Coffers Appeared to see that you are not indeed cliniches. Those we give no house the results are considered to the called the warve from the wind of the results of the called the warve from the wind of the warve on above are lated waters.

my on shore are land waiters.

WAITS In England, nightly me WAITS in Lagrand, menuy musicise the go their rounds in the night-time a bay just before Christinas.

WALKING LEAF A singular interest the control of the co

WALLEING LEAF, A singular insect CAIDA, that has a neck longer than the set of the body. WALLFLOWER, A plant bearing a

WALLELOW ER. A peans nearing a west-secreted flower.

WALRUS, An animal of the seal kind shabiting the northern seas, which in form



WALTZ. A particular kind of date formed and into England from Germa

WILD TO a, 5 at 5 at * * . , n England n n Cha

WALCES D. A.

W LEDNOTE TO WARDE BE

WARDLESE A place is totally a superior to the control of the contr TREE LE EN WARNING WHEEL TO

WARVING-Wilkell. The there we want wheel of a clock, according he means from the first wheel.

WARP, The heald cityo field lengths me

to AREA, I see Are to extend our imageness are on the weaver's lone, which is crossed or the workman in form, up the cloth, start, WARRANT in Law A wife of manding an officer of pustice to take

WARRANT OF ATTORNEY. WARRANT OF ATTORNET. An authority gives to an autority by his their states of their states and pieced for him. WARRANT, Plaze the Warry, England is issued by the admiralty, substructing an officer to impress enuments. WARRANT among Hornedesslary) An amourance given by the Company of the Com

An assurance given by the se buyer, that the horse sold, is fre uyer, that the norse sois, as tree effects at the time of sale. WARREN (in Law). In Er

franchine or privileged pi beasts and fowls of the w Neates and lowis of the wateridges, and pheasants.

WART. A sponty substant the eye of a horse,
WASHES. A dangerous

sk, England. WASHING (an

WASHING (among Goldsmiths). It ing particles of alliver and gold out of a WASHING (among Painters). Coing a pencil design with one colour ladian ink, &c.

WASH. A stinging insect resemblishes. sect resembling a

bos. WASTE (in Law). A spoil or de Digitized by Google





der, lightning, as also rain and hall, in ally tapers is a thin edge, such quantities as to inuniate vessels, and thenlarly in richting wood.

averset trees, brosses, and every thing else which comes in its way. WATERMILL. A mill thus is put in

mation by means of water,
WATER-WHEEL. An engine for raiswater out of a well.

WATERWORKS. All kinds of muwater, as watermilis, sluices, squeducts, and the like.

WATTLE. A kind of burdle and to making sheepfolds.
WATTLES. Firstly appendages at the

ables of the lower mandables to some birds, an turkeys.

WAX. A soft, yellowish, and tennel ratter wherewith the bees from tells for the reception of the honey. It is a vege table substance, that may be extracted from several plants: also a tenucious substance made of was for the purpose of

WAYCHANDI FR. Core who makes candles of way. The company of way, chandles to London, was incorporated in the more of Birbort D.C.

WAY (among Seamen). The The ship's

WAYS AND MEANS (in English The applies for meeting the expenditure of the year, either voted by jurisment or

drawn from other s WEAR, or WEHL A done made to mop waters

WEASEL. An animal of the sac genus or hind as the other, but others live mostly in the realer, and weares on the land.

It is a name for several of the agesies of the viverer and mustels of Large-Nec Engine.



WEATHER-GLASSES. Instruments emitrived to show the state of the atmoshere, as baraneters, thermometers, Ar. WEAVING. The set of forming single aph threads of site, cotton, or flow, into a close of the whale contains the all, which is an

it is used pu ticularly in cleaving wood.



WEDNESDAY. The fourth day of the

WEEK. A division constraint seven Fifty-two weeks make the year. WEEPERS. Pieves of white cambries rape, or mustin, sewad upon the sleaves

in deep mourning.
WEIGHT (in Mechanics). Any thing that is to be sustained, raised, or moved by a machine

WEIGHT (is Commerce). Asy body of a known weight that is made the me sure of weighter other bodies. Two areas of weights are admitted in England, namely, Troy weight and avoirdent sentent.

WELD. A sart of berb that grows in Kent, fleeefordshire, and other parts of England, the stalk and cost of which are sed in dysing bright yellow and femon

WELDING. Working two pieces of iron together by means of heat, until they form one many,

A half-dup to the ground, of erfficient depth to admit the water is spring up. When the water is got out of it by mission of a line and a bucket, it is a well properly so called, but when the water is raised by means of a pump, if in called a mimp.

WEST. One of the four cardinal position

WEST. One of the last rardinal points of the horizon, of which the sun sets. WHALE. A logs sniced that inhabite soot parts of the orese and particularly the northern seas, and is said to memeurs sometimes from 50 to 100 feet. The Multiber



White is a some out a should.

WEBER One of the meriadinal pow in the appearing what is called era, which is called the some of their trot goods; which is a some of their trot goods; which is a more of their trot goods; including the called trot goods.





WINGS. The right and left divisions fan army. WINGS (in Po

rojecting sides of hornw WINNOWING. Sepa:

WINTOWING. Separating corn from
se chaff by the help of the wind.
WINDMILL. A mill that is put in
section by means of the wind acting on
sealis, as in the subjoined figure.



WINTER. That season of the year whea, in the north of Captron, or in the truth of Captron, or in the greates decirated from the equator.

WIRE. A piece of "entreme truth of the country."

WIRE. A piece of "entreme truth of the decirate and the state of a thread, or even familier, according to the size of a through. One single grain made to peas through. One single grain made to peas through. One single grain with the country of the count WINTER. That

WITNESS (in Law). One sworn to give evidence in a cause.

WOAD. A plant growing in Prance and on the coast of the Baltie, floor which a blue dye of the same name is extracted. It is cultivated in the United States.

WOLF. A can and town space of the day of the day of the manual of the day tribe, Smad in almost all cold and townspace.

WOLF. A fierce animal or the tri and in almost all cold, and ter mates. When pressed by hung



WOOD ENGRAVER. An artist who custs figures and letters in wood, to serve the of sarraving on copper. This art ed to very great perfects and in many respects will be and in many respects will be it effect the purpose quite as well sister art of copperplate engraving. WOODCOCK. A wild fowl, and



WOODPECKER. e it pecks holes in

WOOL. The covering of sheep, which is an inspertant article of commerce in this country. Much attention, therefore, is of sheep, to render their wool as perfect of sheep, to render their wool as perfect as possible. The perfect wool is a possible of the perfect of the perfect

hand. WOOLSTAPLER. One who deals wool, and collects it for hem assufacturer. WORL An articular state of the collect of the col

thicases and liquors.

WORM (in Gunnery). The instruments were for drawing the charge out of a gunwell for the rule of a ship at seen where the shaded to pieces.



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ZOOLOGY. That ! y which treats of ani

o orders, and the ord genera into species he first class, Main

e, glires, pecora der the Primates outer the Primates are four get iy, home, man; simia, the ag and monkey; lemur, the lem tilio, the bat. Of the Bruta th following genera, namely, hra-; sokotyro ; elepha nsist of ten general; canis, the do tiger-cat, the lynx, e; sorex, the shrew; erina-rhog. The Glires consist of yecupine; cavia, the cavy; yer; mus, the rai, musk-rai,

the ani; glaucopis, the the crow, the rook, the and the jay; coracose the oriole; gracula, the the bird of paradise trogon, the surveui; the kingdisher; guilbula, the ja etork, and the bi corriga, the courie the whintril, the i



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A.E. The order Dipters commiss outrough the gad-dry and breeze; tiputh, the crone-dry land, the first color, the grade of the gad-dry and breeze; tiputh, the crone-dry land, the first color, the spine of the gad-dry and breeze; tiputh, the crone-dry land, the spine, the composition of the gad-dry and terbinous parts. J. Pedicutt, the spine, the color, and training a fine tack, have been and training and the land, the gad-dry the spine, the corporation of the gad-dry the

glesw Digitized by G

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