

Academic Press Dictionary of Science and Technology



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Academic Press

Harcourt Brace Jovanovich, Publishers

San Diego New York Boston London Sydney Tokyo Toronto



cryoturbation Geology, disturbance of the soil surface by the action of freezing or of alternate freezing and thawing.

Cryphaeaceae Botany, a tropical and subtropical family of mostly dull mosses of the order Isobryales that form loose mats on trees and rocks; characterized by creeping stems with numerous short lateral branches that sometimes form pendulous sheets, by lateral sporophytes, and by a single costa ending below the apex.

crypsis Ecology, the ability of an organism to camouflage and conceal

itself through its natural appearance

crypt Anatomy, a blind pit or tube that opens onto a free surface. crypt- a combining form meaning "secret" or "hidden," as in cryptanal-

cryptanalysis [krip to nal a sis] Linguistics, an analysis of coded or secret text, including the steps, operations, and procedures required to convert an encrypted message into plain text without prior knowledge of the key employed in the encryption process.

cryptand Organic Chemistry, a bicyclic or cyclic compound of higher order that surrounds and shields an ion in the center of a molecule.

cryptate Organic Chemistry, a complex molecule consisting of a central ion surrounded and shielded by a cyclic compound.

Crypteroniaceae Botany, a monogeneric family of tropical dicotyledonous trees in the order Myrtales, often accumulating aluminum and characterized by opposite, simple leaves and numerous tiny flowers borne in axillary racemes, spikes, or panicles.

Crypthecodiniaceae Botany, a family of marine flagellates of the order Peridiniales, nonphotosynthetic saprophytes that live on rotting large brown algae; only one species is currently known, but evidence

points to as yet undescribed species.

cryptic [krip'tik] Zoology, relating to or describing the ability of an organism to conceal itself by means of coloration and markings that resemble the surrounding environment.

cryptic coloration Zoology, protective coloration that allows an organ-

ism to blend in with its environment and thus remain concealed from predators or prey; often occurring in insects, including such unusual adaptations as the ability of stick insects to match their color to a changing background by moving pigment granules in their epidermal cells.

cryptic mutant Cell Biology, a cell possessing a mutation that cannot be detected phenotypically

cryptic plasmid Molecular Biology, a plasmid having no apparent effect on the phenotype of the cell where it occurs.

cryptic satellite Genetics, a satellite DNA sequence not identified as such by a separate peak on a density gradient; that is, it remains present in main-band DNA

cryptic species Systematics, a species so similar to another that the two are difficult to distinguish from each other. Also, SIBLING SPECIES.

cryptic virus Virology, any inapparent virus, especially one of the Cryptovirus group, which cause no symptoms in plants.

crypto- a combining form meaning "secret" or "hidden," as in cryptog-

Cryptoblidae Invertebrate Zoology, a family of colorless protozoans with two flagella, in the order Kinetoplastida.

cryptobiosis Physiology, a condition in which all external signs of metabolic activity are absent from a dormant organism.

cryptoblotic Zoology, describing an organism that typically hides or conceals itself.

Cryptobranchidae Vertebrate Zoology, the giant salamanders, a family in the suborder Cryptobranchoidea in the order Caudata; generally aquatic and having a flattened body, loose skin, and lidless eyes.

Cryptobrancholdea Vertebrate Zoology, a suborder in the order Caudata containing the most primitive living salamanders, including the Asiatic and giant salamanders; distinguished by external fertilization and aquatic larva.

Cryptocerata Invertebrate Zoology, in some classifications, a division of hemipteran insects including the water bugs or Hydrocorisae

Cryptochaetidae Invertebrate Zoology, a family of two-winged insects in the subsection Acalypteratae, with small or rudimentary calypters.

cryptoclastic Geology, describing a clastic rock composed of microscopic finely broken or fragmented particles.

cryptoclimate Engineering, the temperature and moisture conditions of an enclosed space

cryptoclimatology Meteorology, the study of climates of confined

Cryptococcaceae Mycology, a former family of fungi belonging to the class Deuteromycetes, including many species pathogenic to humans, such as the genus Candida.

Cryptococcales Mycology. an order of imperfect fungi whose classified as belonging to a cation is uncertain; it is sometimes classified as belonging to the classified under Blastomycetes Hyphomycetes, was formerly had be subdivision Basidiomycotina; its perbolic characteristics that link it to the subdivision Basidiomycotina; its perbolic characteristics and known. or sexual stage is not known.

or sexual stage is not specified an inflammation of the meningle cryptococcal meningitis Medicine, an inflammation of the meningle cryptococcus. brought on by the yeastlike organism, cryptococcus.

brought on by the years a cryptococcus infection that may affect the brain, nervous system, and their and lungs, skin, and usually the brain, nervous system, and their menings,

lungs, skin, and usually lungs, skin, and usua Hyphomycetes which includes species pathogenic to humans and one Hyphomycetes with the second of the animals, such as C. neoformans; its reproduction is characterized by the multilateral budding of cells.

oryptocrystalline Geology describing the texture of an aggregation characterized by crystalline constituents too small to be distinguished under an ordinary microscope. Also, MICROCRYSTALLINE

Cryptodira Vertebrate Zoology, the modern turtles, an infraorder of the reptilian order Testudines containing most living terrestrial and aquine turtles, tortoises, and terrapins; characterized by the ability to withdraw the neck directly into the shell and a pelvis that is not fused to the shell Cryptodonta Invertebrate Zoology, a subclass (order Nuculoida) of

primitive clams in the family Solemyidae, having almost no hinge cryptoexplosion structure Geology, a more or less circular structure formed by a sudden, often explosive, release of energy and showing in tense rock deformation unrelated to volcanic or tectonic activity. Also

cryptoexplosive structure.

cryptogram [krip to gram] Linguistics. a message that has been encrypted; i.e., a message whose content is not evident from ordinary in terpretation. Virology, a descriptive code that is used to record certain basic properties of a virus, including its shape, type and weight of me cleic acid, host range, and vector.

cryptographic [krip to graf ik] Linguistics. 1. of or relating to cryptography. 2. in an encrypted form; using a code or cipher.

cryptographic algorithm Telecommunications a set of mathemancally expressed rules for enciphering and deciphering data by effecting a series of conversions controlled by the use of a cryptographic key.

cryptographic bitstream Telecommunications, a stream of bits that is connected with a plain-text message in order to form a cryptogram, or a

stream to decode plain text from a cryptogram.

cryptographic key Telecommunications. a cipher or code that is used to set or adjust cryptographic equipment at a transmission of receiving station so that messages can automatically be enciphered at the tranmission station or deciphered at the receiving station.

cryptography [krip tag ro fe] Linguistics. a branch of communication devoted to the design and use of ciphers, including principles and methods for converting plain text into unintelligible form and converting ap parently unintelligible ciphered text into intelligible form, usually by means other than cryptanalysis.

Cryptograptus Paleontology, a genus of scandent biserial graptoloids in the suborder Glossograptina and family Cryptograptidae; Ordovician

cryptohalite Mineralogy. (NH4)2SiF6, a white or gray transparent cubic mineral occurring in massive or arborescent forms, having a specific gravity of 2 to 2.01 and a hardness of 2.5 on the Mohs scale; dimorphous with bararite; found as a sublimate in coal basins and on Mount Vesuvius.

cryptology [krip tal' a je] Linguistics, the branch of cryptography that deals with the hidden, disguised, or encrypted meanings in messages used in communications security and intelligence.

cryptomedusa Invertebrate Zoology, the last stage in the reduction of a hydroid medusa to a rudiment having sex cells in the gonophore.

cryptomelane Mineralogy. K(Mn+4,Mn+2), O16, a gray or black opaque, metallic monoclinic (pseudotetragonal) mineral occurring a massive, fine-grained, porous aggregates, having a specific gravity of 4.3 and a hardness of 1 to 6.5 on the Mohs scale; found as a secondary mineral with pyrolusite and other manganese oxides.

cryptomenorrhea Medicine, the occurrence of symptoms of mensure tion each month without the flow of blood, as in imperforate hymen

cryptomitosis Invertebrate Zoology, cell division occurring in certain protozoans, in which a modified spindle forms and chromatin assembles by

bles, but with no apparent chromosome differentiation. Cryptomonadaceae Botany, a family of freshwater and marine flage lates of the order Cryptomonadales, characterized by almost equal long flagella attached to a subapical furrow, a laterally compressed colony, and a variation of the subapical furrow. body, and a variety of pigmentations based on specific physiological conditions.

