dichotomous key of bacteria

Dichotomous key of bacteria is a valuable tool used by microbiologists and biologists for the identification and classification of various bacterial species. These keys provide a systematic approach to determine the identity of microorganisms based on their morphological, biochemical, and genetic characteristics. In this article, we will explore the structure and function of dichotomous keys, their importance in bacteriology, the steps to construct one, and their practical applications in various fields.

Understanding Dichotomous Keys

A dichotomous key is a decision-making tool that allows users to categorize organisms based on a series of choices that lead to the identification of the species. Each step in the key presents two contrasting statements (dichotomies) regarding a characteristic of the organism. The user selects the statement that best describes the specimen in question, guiding them to the next pair of choices until reaching the identification of the organism.

Structure of a Dichotomous Key

1. Pairs of Statements: The key consists of pairs of statements that describe the characteristics of bacteria. Each statement presents a choice, typically in the form of “if-then” scenarios.

2. Sequential Pathway: The choices lead the user down a branching pathway, where subsequent pairs of statements refine the identification process.

3. End Points: At the end of each pathway, the final identification of the bacterium is provided, often accompanied by additional information such as the genus and species name.

4. Characteristics Used: Common characteristics used in dichotomous keys for bacteria include:
- Shape (cocci, bacilli, spirilla)
- Gram staining characteristics (Gram-positive or Gram-negative)
- Presence or absence of specific metabolic pathways
- Oxygen requirements (aerobic, anaerobic, facultative)
- Biochemical reactions (e.g., fermentation, enzyme production)

Importance of Dichotomous Keys in Bacteriology

Understanding and identifying bacteria is crucial in various fields such as medicine, environmental science, and food safety. The significance of using dichotomous keys includes:

1. Rapid Identification: Bacteria can be identified quickly, aiding in timely medical diagnoses and treatment.

2. Standardization: Dichotomous keys provide a standardized method for identification, making it easier for microbiologists to communicate findings.

3. Educational Tool: They serve as an excellent educational resource for students learning about microbiology and taxonomy.

4. Research Applications: In research, dichotomous keys help in cataloging new bacterial species and understanding microbial diversity.

5. Field Identification: They enable field workers to identify bacteria without the need for sophisticated laboratory equipment.

Constructing a Dichotomous Key

Creating an effective dichotomous key involves several steps:

1. Selection of Bacterial Species

Choose a specific set of bacterial species that you want to include in the key. It's essential to select species that are relevant to your study or the field of interest.

2. Gathering Information

Collect detailed information about the selected bacteria. This includes:
- Morphological characteristics
- Biochemical properties
- Growth conditions
- Genetic information (if available)

3. Identifying Key Characteristics

Determine the most distinguishing characteristics that can be used to differentiate the species. These characteristics should be easily observable and measurable.

4. Organizing Characteristics into Pairs

Organize the characteristics into pairs of contrasting statements. For instance:
- “Is the bacterium gram-positive (go to 2) or gram-negative (go to 3)?”

- “Does it form spores (go to 4) or not (go to 5)?”

5. Testing the Key

Before finalizing the key, it should be tested with known bacterial samples to ensure accuracy and reliability. Make adjustments as necessary based on the results.

6. Documentation

Document the key clearly, providing detailed descriptions for each characteristic and ensuring that it is user-friendly.

Practical Applications of Dichotomous Keys

Dichotomous keys have a wide range of applications across multiple disciplines:

1. Clinical Microbiology

In clinical settings, dichotomous keys are used to identify pathogens responsible for infections. Rapid identification helps clinicians choose appropriate antibiotic therapy, which is critical in managing infectious diseases.

2. Environmental Microbiology

Environmental microbiologists utilize dichotomous keys to identify bacteria present in various ecosystems, such as soil, water, and extreme environments. This identification is vital for assessing the ecological health of environments and for bioremediation efforts.

3. Food Safety

In the food industry, dichotomous keys assist in identifying spoilage bacteria and pathogens that can compromise food safety. By determining the specific bacteria present, food safety experts can take necessary measures to prevent foodborne illnesses.

4. Education and Research

Dichotomous keys are fundamental in educational settings, allowing students to practice

classification skills. In research, they help scientists categorize newly discovered bacteria and understand their roles in various processes.

Challenges and Limitations of Dichotomous Keys

Despite their usefulness, dichotomous keys also face some challenges:

1. Complexity of Bacterial Characteristics: Some bacteria exhibit a wide range of variability in their characteristics, making them difficult to classify accurately.

2. Overlapping Traits: Many species may share similar characteristics, leading to potential confusion in identification.

3. Need for Expertise: Users of dichotomous keys often require a certain level of expertise and training to make accurate identifications.

4. Updates and Validation: As new species are discovered and as genetic techniques evolve, dichotomous keys may need regular updates and validation to ensure their accuracy.

Conclusion

The dichotomous key of bacteria is an indispensable tool in microbiology that facilitates the identification and classification of bacterial species. Through a systematic approach involving pairs of contrasting statements, researchers and practitioners can quickly and effectively identify microorganisms based on their characteristics. Despite some challenges, the applications of dichotomous keys in clinical microbiology, environmental studies, food safety, and education highlight their importance in understanding the microbial world. As science continues to evolve, the development of more sophisticated and accurate keys will further enhance our ability to categorize and understand bacteria, ultimately improving our response to their impact on health and the environment.

Frequently Asked Questions

What is a dichotomous key and how is it used to identify bacteria?

A dichotomous key is a tool that allows users to identify organisms, including bacteria, based on a series of choices that lead the user to the correct name of the organism. Each choice typically involves two contrasting statements about the characteristics of the bacteria.

What are the key characteristics used in a dichotomous key for bacteria?

Key characteristics used in a dichotomous key for bacteria include cell shape (cocci, bacilli, spirilla), Gram stain reaction (positive or negative), oxygen requirements (aerobic or anaerobic), and metabolic properties (fermentation, respiration).

Can a dichotomous key be used for all types of bacteria?

While a dichotomous key can be used for many types of bacteria, it may not cover all species, especially those that are less common or not well-studied. Specialized keys are often developed for specific groups of bacteria.

What are the benefits of using a dichotomous key in microbiology?

The benefits of using a dichotomous key in microbiology include providing a systematic approach to identification, enhancing learning and understanding of bacterial diversity, and aiding in the diagnosis of bacterial infections in clinical settings.

How does the accuracy of a dichotomous key compare to molecular techniques for identifying bacteria?

While dichotomous keys can provide rapid identification based on observable traits, molecular techniques such as PCR and DNA sequencing offer higher accuracy and are often necessary for identifying closely related or novel bacterial species.

Dichotomous Key Of Bacteria

dichotomous key of bacteria: Modern Bacterial Taxonomy F. G. Priest, B. Austin, 1993-11-30 This second edition of Modern Bacterial Taxonomy has been completely revised and expanded to include detailed coverage of molecular systematics including relevant aspects of nucleic acid sequences, the construction of phylogenetic trees, typing of bacteria by restriction fragment length polymorphisms, DNA hybridization probes and the use of the polymerase chain reaction in bacterial systematics.

dichotomous key of bacteria: *The Prokaryotes* Stanley Falkow, Eugene Rosenberg, Karl-Heinz Schleifer, Erko Stackebrandt, 2006-10-11 The revised Third Edition of The Prokaryotes, acclaimed as a classic reference in the field, offers new and updated articles by experts from around the world on taxa of relevance to medicine, ecology and industry. Entries combine phylogenetic and systematic data with insights into genetics, physiology and application. Existing entries have been revised to incorporate rapid progress and technological innovation. The new edition improves on the lucid presentation, logical layout and abundance of illustrations that readers rely on, adding color illustration throughout. Expanded to seven volumes in its print form, the new edition adds a new, searchable online version.

dichotomous key of bacteria: Cowan and Steel's Manual for the Identification of Medical Bacteria Samuel Tertius Cowan, 1993 A practical manual of the key characteristics of the bacteria likely to be encountered in microbiology laboratories and in medical and veterinary practice.

dichotomous key of bacteria: Bacterial Systematics N. A. Logan, 2009-07-06 This is the first book on bacterial systematics at the undergraduate level. The first part explains why bacteria are classified and how they are named. It also covers the practice of classification, including evolutionary studies and identification. The applications of these methods are illustrated in the second part of the book, which describes progress in the classification and identification of the spirochaetes, helical and curved bacteria, Gram-negative aerobic, facultative and strictly anaerobic bacteria, Gram-positive cocci, rods and endospore formers, mycoplasmas, and actinomycetes, and outlines the importance of these organisms. The first book on this topic at undergraduate level Includes evolutionary studies and the Archaea Covers theory and practice of bacterial classification and identification User-friendly style and profuse illustrations

dichotomous key of bacteria: Science Educator's Guide to Laboratory Assessment Rodney L. Doran, 2002 The book opens with an up-to-date discussion of assessment theory, research, and uses. Then comes a wealth of sample assessment activities in biology, chemistry, physics, and Earth science. Keyed to the National Science Education Standards, the activities include reproducible task sheets and scoring rubrics. All are ideal for helping students reflect on their own learning during science lab.

dichotomous key of bacteria: *Wastewater Microbiology* Gabriel Bitton, 2011-06-09 Wastewater Microbiology focuses on microbial contaminants found in wastewater, methods of detection for these contaminants, and methods of cleansing water of microbial contamination. This classic reference has now been updated to focus more exclusively on issues particular to wastewater, with new information on fecal contamination and new molecular methods. The book features new methods to determine cell viability/activity in environmental samples; a new section on bacterial spores as indicators; new information covering disinfection byproducts, UV disinfection, and photoreactivation; and much more. A PowerPoint of figures from the book is available at ftp://ftp.wiley.com/public/sci_tech_med/wastewater_microbiology.

dichotomous key of bacteria: Food Microbiology M. R. Adams, M. O. Moss, 2008 This is the third edition of a widely acclaimed text covering the whole field of modern food microbiology.

dichotomous key of bacteria: Understanding Bacteria S. Srivastava, 2013-03-14 The discipline of microbiology that deals with an amazingly diverse group of simple organisms, such as viruses, archaea, bacteria, algae, fungi, and protozoa, is an exciting field of Science. Starting as a purely descriptive field, it has transformed into a truly experimental and interdisciplinary science inspiring a number of investigators to generate th a wealth of information on the entire gamut of microbiology. The later part of 20 century has been a golden era with molecular information coming in to unravel interesting insights ofthe microbial world. Ever since they were brought to light through a pair of ground glasses by the Dutchman, Antony van Leeuwenhoek, in later half of 17th century, they have been studied most extensively throughout the next three centuries, and are still revealing new facets of life and its functions. The interest in them, therefore, continues even in the 21 st century. Though they are simple, they provide a wealth of information on cell biology, physiology, biochemistry, ecology, and genetics and biotechnology. They, thus, constitute a model system to study a whole variety of subjects. All this provided the necessary impetus to write several valuable books on the subject of microbiology. While teaching a course of Microbial Genetics for the last 35 years at Delhi University, we strongly felt the need for authentic compiled data that could give exhaustive background information on each of the member groups that constitute the microbial world.

dichotomous key of bacteria: *Medical Technicians Bulletin* , 1954

dichotomous key of bacteria: Trends in the Systematics of Bacteria and Fungi Paul Bridge, David Smith, Erko Stackebrandt, 2020-12-09 Methods in microbial systematics have

developed and changed significantly in the last 40 years. This has resulted in considerable change in both the defining microbial species and the methods required to make reliable identifications. Developments in information technology have enabled ready access to vast amounts of new and historic data online. Establishing both the relevance, and the most appropriate use, of this data is now a major consideration when undertaking identifications and systematic research. This book provides some insights into how current methods and resources are being used in microbial systematics, together with some thoughts and suggestions as to how both methodologies and concepts may develop in the future.

dichotomous key of bacteria: *Advances in Applied Microbiology* , 1986-04-01 Advances in Applied Microbiology

dichotomous key of bacteria: Microbiology: Laboratory Theory and Application, Essentials, 2nd Edition Lourdes Norman-McKay, Michael J Leboffe, Burton E Pierce, 2022-01-14 This newest addition to the best-selling Microbiology: Laboratory Theory & Application series of manuals provides an excellent value for courses where lab time is at a premium or for smaller enrollment courses where customization is not an option. The Essentials edition is intended for courses populated by nonmajors and allied health students and includes exercises selected to reflect core microbiology laboratory concepts.

dichotomous key of bacteria: Microbiology Jacquelyn G. Black, Laura J. Black, 2019-07-23 Microbiology: Principles and Explorations is an introductory product that has successfully educated thousands of students on the beginning principles of Microbiology. Using a student-friendly approach, this product carefully guides students through all of the basics and prepares them for more advanced studies.

dichotomous key of bacteria: Encyclopedia of Food Microbiology Carl A. Batt, 2014-04-02 Written by the world's leading scientists and spanning over 400 articles in three volumes, the Encyclopedia of Food Microbiology, Second Edition is a complete, highly structured guide to current knowledge in the field. Fully revised and updated, this encyclopedia reflects the key advances in the field since the first edition was published in 1999 The articles in this key work, heavily illustrated and fully revised since the first edition in 1999, highlight advances in areas such as genomics and food safety to bring users up-to-date on microorganisms in foods. Topics such as DNA sequencing and E. coli are particularly well covered. With lists of further reading to help users explore topics in depth, this resource will enrich scientists at every level in academia and industry, providing fundamental information as well as explaining state-of-the-art scientific discoveries. This book is designed to allow disparate approaches (from farmers to processors to food handlers and consumers) and interests to access accurate and objective information about the microbiology of foods Microbiology impacts the safe presentation of food. From harvest and storage to determination of shelf-life, to presentation and consumption. This work highlights the risks of microbial contamination and is an invaluable go-to guide for anyone working in Food Health and Safety Has a two-fold industry appeal (1) those developing new functional food products and (2) to all corporations concerned about the potential hazards of microbes in their food products

dichotomous key of bacteria: *Public Health Service Publication* ,

dichotomous key of bacteria: Fundamentals of Microbiology Jeffrey C. Pommerville, 2017-05-02 Pommerville’s Fundamentals of Microbiology, Eleventh Edition makes the difficult yet essential concepts of microbiology accessible and engaging for students’ initial introduction to this exciting science.

dichotomous key of bacteria: Alcamo's Fundamentals of Microbiology Jeffrey C. Pommerville, 2010-03-08 The ninth edition of award-winning author Jeffrey Pommerville's classic text provides nursing and allied health students with a firm foundation in microbiology, with an emphasis on human disease. An educator himself, Dr. Pommerville incorporates accessible, engaging pedagogical elements and student-friendly ancillaries to help students maximize their understanding and retention of key concepts. Ideal for the non-major, the ninth edition includes numerous updates and additions, including the latest disease data and statistics, new material on

emerging disease outbreaks, an expanded use of concept maps, and may other pedagogical features. With an inviting Learning Design format and Study Smart notes to students, Alcamo's Fundamentals of Microbiology, Ninth Edition ensures student success as they delve into the exciting world of microbiology.

dichotomous key of bacteria: Practical Zoology I Mr. Rohit Manglik, 2024-07-06 EduGorilla Publication is a trusted name in the education sector, committed to empowering learners with high-quality study materials and resources. Specializing in competitive exams and academic support, EduGorilla provides comprehensive and well-structured content tailored to meet the needs of students across various streams and levels.

dichotomous key of bacteria: *The Prokaryotes* M.P. Starr, H. Stolp, H.G. Trüper, A. Balows, H.G. Schlegel, 2013-11-11 The purpose ofthis brief Foreword is to make you, the reader, hungry for the scientific feast that follows. These two volumes on the prokary otes offer a truly unique scientific menu-a comprehensive assembly of articles, exhibiting the biochemical depth and remarkable physiological and morphological diversity of prokaryote life. The size of the volumes might initially discourage the unprepared mind from being attracted to the study of prokaryote life, for this landmark assemblage thoroughly documents the wealth of present knowledge. But in confronting the reader with the state of the art, the Handbook also defines where new work needs to be done on well-studied bacteria as well as on unusual or poorly studied organisms. There are basically two ways of doing research with microbes. A classical approach is first to define the phenomenon to be studied and then to select the organism accordingly. Another way is to choose a specific organism and go where it leads. The pursuit of an unusual microbe brings out the latent hunter in all of us. The intellectual chal lenges of the chase frequently test our ingenuity to the limit. Sometimes the quarry repeatedly escapes, but the final capture is indeed a wonder ful experience. For many of us, these simple rewards are sufficiently gratifying so that we have chosen to spend our scientific lives studying these unusual creatures.

dichotomous key of bacteria: Jawetz Melnick & Adelbergs Medical Microbiology 27 E Karen C. Carroll, Janet S. Butel, Stephen A. Morse, 2015-08-12 Understand the clinically important aspects of microbiology with this full-color review Includes more than 20 case studies The twenty-seventh edition of Jawetz, Melnick & Adelberg’s Medical Microbiology delivers a concise, up-to-date overview of the roles microorganisms play in human health and illness. Linking fundamental principles with the diagnosis and treatment of microbial infections, this classic text has been updated throughout to reflect the tremendous expansion of medical knowledge afforded by molecular mechanisms, advances in our understanding of microbial pathogenesis, and the discovery of novel pathogens. Along with brief descriptions of each organism, you will find vital perspectives on pathogenesis, diagnostic laboratory tests, clinical findings, treatment, and epidemiology. The book also includes an entire chapter of case studies that focuses on differential diagnosis and management of microbial infections. Here’s why Jawetz, Melnick & Adelberg’s Medical Microbiology is essential for USMLE review: 650+ USMLE-style review questions 300+ informative tables and illustrations 23 case studies to sharpen you differential diagnosis and management skills An easy-to-access list of medically important microorganisms Coverage that reflects the latest techniques in laboratory and diagnostic technologies Full-color images and micrographs Chapter-ending summaries Chapter concept checks Jawetz, Melnick & Adelberg’s Medical Microbiology introduces you to basic clinical microbiology through the fields of bacteriology, virology, mycology, and parasitology, giving you a thorough yet understandable review of the discipline.

Related to dichotomous key of bacteria

DICHOTOMOUS Definition & Meaning - Merriam-Webster The meaning of DICHOTOMOUS is dividing into two parts. How to use dichotomous in a sentence

DICHOTOMOUS | English meaning - Cambridge Dictionary DICHOTOMOUS definition: 1. involving two completely opposing ideas or things: 2. involving two completely opposing ideas. Learn

more

Dichotomy - Wikipedia In botany, branching may be dichotomous or axillary. In dichotomous branching, the branches form as a result of an equal division of a terminal bud (i.e., a bud formed at the apex of a stem)

Dichotomous vs. Dichotomic — What's the Difference? Dichotomous involves division into two contrasting parts or categories, whereas dichotomic, less common, similarly refers to such division, often used in more formal or

Dichotomy - Definition, Meaning & Synonyms | When you point out a dichotomy, you draw a clear distinction between two things. A dichotomy is a contrast between two things. When there are two ideas, especially two opposed ideas — like

DICHOTOMOUS definition and meaning | Collins English Dictionary DICHOTOMOUS definition: divided or dividing into two parts | Meaning, pronunciation, translations and examples

Dichotomous - definition of dichotomous by The Free Dictionary Define dichotomous. dichotomous synonyms, dichotomous pronunciation, dichotomous translation, English dictionary definition of dichotomous. adj. 1. Divided or dividing into two

DICHOTOMY Definition & Meaning - Merriam-Webster The meaning of DICHOTOMY is a division into two especially mutually exclusive or contradictory groups or entities; also : the process or practice of making such a division. How to use

dichotomous, adj. meanings, etymology and more | Oxford English There are three meanings listed in OED's entry for the adjective dichotomous, one of which is labelled obsolete. See 'Meaning & use' for definitions, usage, and quotation evidence

DICHOTOMY | English meaning - Cambridge Dictionary DICHOTOMY definition: 1. a difference between two completely opposite ideas or things: 2. a difference between two. Learn more

DICHOTOMOUS Definition & Meaning - Merriam-Webster The meaning of DICHOTOMOUS is dividing into two parts. How to use dichotomous in a sentence

DICHOTOMOUS | English meaning - Cambridge Dictionary DICHOTOMOUS definition: 1. involving two completely opposing ideas or things: 2. involving two completely opposing ideas. Learn more

Dichotomy - Wikipedia In botany, branching may be dichotomous or axillary. In dichotomous branching, the branches form as a result of an equal division of a terminal bud (i.e., a bud formed at the apex of a stem)

Dichotomous vs. Dichotomic — What's the Difference? Dichotomous involves division into two contrasting parts or categories, whereas dichotomic, less common, similarly refers to such division, often used in more formal or

Dichotomy - Definition, Meaning & Synonyms | When you point out a dichotomy, you draw a clear distinction between two things. A dichotomy is a contrast between two things. When there are two ideas, especially two opposed ideas — like

DICHOTOMOUS definition and meaning | Collins English Dictionary DICHOTOMOUS definition: divided or dividing into two parts | Meaning, pronunciation, translations and examples

Dichotomous - definition of dichotomous by The Free Dictionary Define dichotomous. dichotomous synonyms, dichotomous pronunciation, dichotomous translation, English dictionary definition of dichotomous. adj. 1. Divided or dividing into two

DICHOTOMY Definition & Meaning - Merriam-Webster The meaning of DICHOTOMY is a division into two especially mutually exclusive or contradictory groups or entities; also : the process or practice of making such a division. How to use

dichotomous, adj. meanings, etymology and more | Oxford There are three meanings listed in OED's entry for the adjective dichotomous, one of which is labelled obsolete. See 'Meaning & use' for definitions, usage, and quotation evidence

DICHOTOMY | English meaning - Cambridge Dictionary DICHOTOMY definition: 1. a difference between two completely opposite ideas or things: 2. a difference between two. Learn

more

DICHOTOMOUS Definition & Meaning - Merriam-Webster The meaning of DICHOTOMOUS is dividing into two parts. How to use dichotomous in a sentence

DICHOTOMOUS | English meaning - Cambridge Dictionary DICHOTOMOUS definition: 1. involving two completely opposing ideas or things: 2. involving two completely opposing ideas. Learn more

Dichotomy - Wikipedia In botany, branching may be dichotomous or axillary. In dichotomous branching, the branches form as a result of an equal division of a terminal bud (i.e., a bud formed at the apex of a stem)

Dichotomous vs. Dichotomic — What's the Difference? Dichotomous involves division into two contrasting parts or categories, whereas dichotomic, less common, similarly refers to such division, often used in more formal or

Dichotomy - Definition, Meaning & Synonyms | When you point out a dichotomy, you draw a clear distinction between two things. A dichotomy is a contrast between two things. When there are two ideas, especially two opposed ideas — like

DICHOTOMOUS definition and meaning | Collins English Dictionary DICHOTOMOUS definition: divided or dividing into two parts | Meaning, pronunciation, translations and examples

Dichotomous - definition of dichotomous by The Free Dictionary Define dichotomous. dichotomous synonyms, dichotomous pronunciation, dichotomous translation, English dictionary definition of dichotomous. adj. 1. Divided or dividing into two

DICHOTOMY Definition & Meaning - Merriam-Webster The meaning of DICHOTOMY is a division into two especially mutually exclusive or contradictory groups or entities; also : the process or practice of making such a division. How to use

dichotomous, adj. meanings, etymology and more | Oxford English There are three meanings listed in OED's entry for the adjective dichotomous, one of which is labelled obsolete. See 'Meaning & use' for definitions, usage, and quotation evidence

DICHOTOMY | English meaning - Cambridge Dictionary DICHOTOMY definition: 1. a difference between two completely opposite ideas or things: 2. a difference between two. Learn more

DICHOTOMOUS Definition & Meaning - Merriam-Webster The meaning of DICHOTOMOUS is dividing into two parts. How to use dichotomous in a sentence

DICHOTOMOUS | English meaning - Cambridge Dictionary DICHOTOMOUS definition: 1. involving two completely opposing ideas or things: 2. involving two completely opposing ideas. Learn more

Dichotomy - Wikipedia In botany, branching may be dichotomous or axillary. In dichotomous branching, the branches form as a result of an equal division of a terminal bud (i.e., a bud formed at the apex of a stem)

Dichotomous vs. Dichotomic — What's the Difference? Dichotomous involves division into two contrasting parts or categories, whereas dichotomic, less common, similarly refers to such division, often used in more formal or

Dichotomy - Definition, Meaning & Synonyms | When you point out a dichotomy, you draw a clear distinction between two things. A dichotomy is a contrast between two things. When there are two ideas, especially two opposed ideas — like

DICHOTOMOUS definition and meaning | Collins English Dictionary DICHOTOMOUS definition: divided or dividing into two parts | Meaning, pronunciation, translations and examples

Dichotomous - definition of dichotomous by The Free Dictionary Define dichotomous. dichotomous synonyms, dichotomous pronunciation, dichotomous translation, English dictionary definition of dichotomous. adj. 1. Divided or dividing into two

DICHOTOMY Definition & Meaning - Merriam-Webster The meaning of DICHOTOMY is a division into two especially mutually exclusive or contradictory groups or entities; also : the process or practice of making such a division. How to use

dichotomous, adj. meanings, etymology and more | Oxford There are three meanings listed in OED's entry for the adjective dichotomous, one of which is labelled obsolete. See ‘Meaning & use’ for definitions, usage, and quotation evidence

DICHOTOMY | English meaning - Cambridge Dictionary DICHOTOMY definition: 1. a difference between two completely opposite ideas or things: 2. a difference between two. Learn more

Related Articles

- list of nanda nursing diagnosis
- health center21
- bubble answer sheet

Back to Home