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 EUGENE M. MCCARTHY, PHD GENETICS [Google+](#)

Online Biology Dictionary is a free, concise, illustrated dictionary of biology and medicine. The entries are listed alphabetically, which allows you to find the biology terms your looking for even if you're not sure about their spellings. Of course, you can also click [here](#) to use the dictionary's automated term finder. Terminology is added

Logo



Online Biology Dictionary
Meanings of biological terminology

URL

<http://www.macroevolution.net/biology-dictionary.html>

Subject

Biology - Dictionaries

Accessibility

Free

Language

English

Publisher

Macroevolution.net

Scope and Coverage

Online Biology Dictionary is a free, concise, illustrated dictionary of biology and medicine. Macroevolution.net offers a huge amount of original material on the topics of biology and evolution. All are written for a general audience. Technical terms in the articles are linked to definitions elsewhere on the website. Even professional biologists will

find things to think about here. To give one an idea of the variety of the information available in the dictionary, the following things are mentioned:

- **A dictionary of biology** — One of the most popular dictionaries of biological and medical terminology on the Internet.
- **A new theory of human origins** — Are human beings hybrids? This issue is described here with clear evidences.
- **Biographies** — A history of biology in biography. Lives of scientists who've had a major impact on biology, and especially upon evolutionary thought.
- **Macroevolution reevaluated** — An in depth, book-length, fully-documented, reevaluation of evolutionary theory and evolutionary thought, by evolutionary geneticist Eugene M. McCarthy — An alternative theory of evolution.
- **Human evolution** — Original, illustrated articles on all of the various posited human ancestors, and on related topics, such as cave bears, tool industries, and the paleoanthropologists who investigate them.
- **Mammalian hybrids** — Documenting information about mammalian hybrid crosses is an ongoing process on this site.
- **The species question** — An extended analysis of a never-ending question: How should the word *species* be defined? Biologists can't agree. Is it possible — and perhaps preferable — to avoid the use of this word in scientific debate?
- **Biology news** — Biology news stories on a wide range of topics — interesting current research and useful information.
- **The Mesozoic Era revisited** — A reevaluation of the fabled K-T extinction suggests it actually is, in large degree, a fable. Was the so-called mammalian radiation primarily a matter of extensive re-identification of preexisting types?

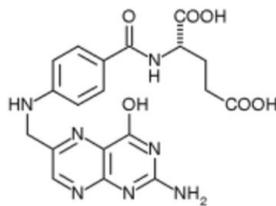
In addition, there are many links to sites elsewhere on the net that fill out the information offered here at Macroevolution.net

Kind of Information

The meaning of the biological terms, definitions and short notes on those terms and the like are available here. Terminology is added to this dictionary on an ongoing basis. Pronunciation, grammar, etymology etc. of the terms are available with coloured or black and white photographs. For example mention may be made of:

folic acid (also folacin)

/FOH-lik/ A B vitamin (B₉) present in such foods as liver, green vegetables, and yeast. A lack of folic acid in the diet causes **anemia** because it is essential in the production of **erythrocytes**. In the liver it is converted to dihydrofolic acid and then into **tetrahydrofolate**.



Folic Acid

There is a list of hybrid mammalian species with their lots of colourful pictures, scientific names and description. For example,

Leopon (Lioness x Leopard)

Panthera leo × *Panthera pardus*

A leopon (pronounced: "LEP-ən") is the hybrid produced by a mating between a lioness and a leopard. The hybrid produced from the reciprocal cross (lion x leopardess) is called a lipard (pronounced: "LIP-erd").



Lioness x Leopard

Different kinds of theories on biological topics such as hybridization etc. are available here. Some short biographies of famous biologists (like Louis Agassiz (1807-1873), Werner Arber (1929-)) are also seen. Article on human origin is present here with coloured images charts, graphs and so on is available. Coloured maps denoting geographical locations of various species are also available here.

Special Features

- ❖ Hyperlinks to biological articles are available here.
- ❖ Links to various social networking sites like Facebook, Twitter, Pinterest, Google plus etc. and Gmail. Yahoo mail and the like are available.
- ❖ Links to different videos on biological experiment, invention,

expedition, different videos on biological tutorials, root word dictionary (Greek and Latin root) (E.g. Greek root: Spine from ‘**rachis**’ and Latin root: Hair, bristle from ‘**saeta, saetae**’), prefixes-suffixes of words (like prefixes: **ab-**, **abro-** etc. and suffixes: **-ab**, **-able** etc.) are found.

- ❖ Latest biological news is also available.
- ❖ From the search bar many hyperlinked items can be found which lead users to different other websites.
- ❖ A guideline for searching the whole website is given under the “Site Tour” option.

Arrangement Pattern

The terms are arranged in alphabetic order and are organized under their initial alphabets. For examples under ‘a’, terms like ***abarticular, abasia, abasic, abaxial*** etc. are arranged in alphabetic order.

Some articles are arranged under various categories, which are arranged in alphabetic order. For example, mention may be made of categories like ‘Acheulean tools’, ‘Adam Sedgwick’, ‘Aegytopithecus’ etc.

To find a overall view of the site, the arrangement pattern of the information available in the site is to be looked at. It's easy to find what one is looking for on Macroevolution.net. One can browse all the content by topic, starting from the homepage. Most of the content can be divided into six main categories:

- **Online Biology Dictionary** —The meanings of biological terminology, and the prefixes, suffixes and roots biologists use to construct the words they use are found here.
- **Human evolution** — A directory listing all the various hominids, with links to articles on each.
- **Biology news** — Biology news categorized by topic.
- **Famous biologists** — A list of biologists who've made important contributions to science, particularly evolutionary biology, with links to their biographies.
- **Theory** — A listing of the topics covered in the theoretical portion of this website, with links to the underlying articles.
- **Human Origins** — A table of contents for the section on human origins.
- **Mammalian Hybrids** — Mammalian hybrids listed by

category.

Remarks

This freely available biological dictionary is presently available over the internet and it is of great use to the people who loves biology.

Comparable Tools

- Dictionary of Biology
(<http://www.oxfordreference.com/view/10.1093/acref/9780199204625.001.0001/acref-9780199204625>)
- Biology Online (http://www.biology-online.org/dictionary/Main_Page)
- Alpha Dictionary.com
(http://www.alphadictionary.com/directory/Specialty_Dictionaries/Biology/)

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