

Home Page

The screenshot shows the homepage of the Dictionary of Botany. At the top, there is a green header with the title "Dictionary of Botany" and a small plant logo. Below the header, the page is divided into several sections. On the left, there is a "Main Menu" with "Home entries" and a search bar. Below that, a "Popular" section lists various botanical terms: floral formula, Braun-Blanquet scale, floral diagram, photosynthetic bacteria, and Millon's test. The main content area features an "Invited Perspective" box, a "Dictionary of botany" title, and a description of the dictionary's scope, which includes 3000 entries from major fields of pure and applied plant science. A list of subjects is provided: taxonomy, anatomy, physiology, biochemistry, cell biology, plant pathology, genetics, and ecology. On the right side, there is an "Alphabetical Listing" of letters from A to Z. The footer contains the text "all rights reserved © 2001, botanydictionary.org" and "webmaster".

Logo



URL

<http://botanydictionary.org/>

Subject

Botany – Dictionaries

Accessibility

Free

Language

English

Publisher

botanydictionary.org

Brief History

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Scope and Coverage

The dictionary contains some 3000 entries, drawn from major fields of pure and applied plant science, including: taxonomy, anatomy, physiology, biochemistry, cell biology, plant pathology, genetics, ecology.

It also covered are selected terms from the fields of agricultural botany, horticulture and microbiology. Entries range from 500 words to a single sentence, depending upon the complexity and importance of the topic. Under each alphabet number of definition mentioned here. E.g.: A (277

definitions), B (145 definitions), C (357 definitions), D (130 definitions) etc.

Kind of Information

The meaning of the terms, definitions and short notes on those terms, are available here. See and see also references are also available here. Some terms within the meaning of a particular entry are cross referenced. Some examples are given below for clear understanding.

vascular bundle

One of a number of strands of primary vascular tissue constituting the *vascular system of the plant. Vascular bundles consist mainly of xylem and phloem, which may be separated by a *fascicular cambium. The relative position of xylem and phloem determines the type of bundle (collateral , *bicollateral , *concentric , *amphicribal , or *amphivasal), and is often important taxonomically. The vascular bundles in a dictyostele are called *meristeles. **See also** eustele , atactostele. (underlined terms are hyperlinked).

acid soil

See pedalfer.

Special Features

- ❖ There is a Google search option available in the left side of the home page.
- ❖ List of popular terms are present here. E.g.: floral diagram, Millon's test etc.

Arrangement Pattern

Entries are arranged alphabetically. Under an alphabet the entries which start with that particular alphabet are also arranged alphabetically. For an example mention may be made of leaf area index, leaf area ratio, leaf buttress, leaf culture, leaf curl, leaf fall, leaf gap etc. which come under the alphabet "L".

Remarks

This dictionary of botany is an easy-to-use reference source for anyone with interest in plant science.

Comparable Tools

- A dictionary of plant sciences (<http://www.oxfordreference.com/view/10.1093/acref/9780199600571.001.0001/acref-9780199600571>)

- The Kew plant glossary : an illustrated dictionary of plant terms (http://www.kew.org/publications/kewglossary_spreads.pdf)

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