

Leaf Epidermal Anatomical Characters And Anatomical Tools For Systematical Studies Of Some Medicinally Important Angiospermic Families

Characters of leaf epidermis in Solanum (clade -

We carried out an anatomical study of the leaf epidermis of six species of the Brevantherum Clade occurring in the The characters of leaf epidermis and its

<http://www.sciencedirect.com/science/article/pii/S0254629914001173>

Leaf anatomical characters - Virtual herbarium -

Leaf anatomical characters Distribution and shape of wax particles on fresh leaves. 4. Presence of epidermal papilla Thickness of epidermal cell walls and

<http://virtualherbarium.org/palmresearch/LeafCharacters.pdf>

Diagnostic Significance of Leaf Epidermal Features -

The family Cucurbitaceae has many herbaceous species with medicinal properties, Some characters or features on the epidermis which are useful in three plant families namely Cucurbitaceae were studied anatomically to elucidate Leaves of 14 species of Cucurbitaceae family were harvested for anatomical study.

<http://insightknowledge.co.uk/fulltext/?doi=botany-ik.2011.22.27>

leaf | plant anatomy | Britannica.com -

Plant anatomy. Written by: The The internal structure of the leaf is protected by the leaf epidermis, (Please limit to 900 characters) Cancel. FEATURED QUIZZES.

<http://www.britannica.com/science/leaf-plant-anatomy>

BioOne Online Journals - A Staining Protocol for -

Oct 3, 2014 5500 species (Wilson, 2011), anatomical studies of leaves are A number of species in the family are rich in chemical compounds with medicinal . some taxa with special anatomical features that stained differently. . compounds in leaves of Myrtaceae is highly important for systematic, . Social Tools.

<http://www.bioone.org/doi/full/10.3732/apps.1400063>

12_chapter 4.pdf - Shodhganga -

epidermal cells provide increasingly important sources of taxonomic of stomata on the leaf surface is highly variable among the members different genera of the family are interconnected with the anatomical features used characters in pharmacognostic studies, but its significance has in several angiosperm families.

http://shodhganga.inflibnet.ac.in/bitstream/10603/6216/11/12_chapter%204.pdf

Hoehnea - Comparative anatomy of the leaves of -

Comparative anatomy of the leaves of Piper lepturum (Kunth) C.DC. var. lepturum showed persistent wings and papillary epidermal cells, and these characters are Recent studies have shown the importance of plant anatomy with species Due to the lack of knowledge related to leaf anatomy of species from this family,

http://www.scielo.br/scielo.php?pid=S2236-89062015000100001&script=sci_arttext&tlng=es

Morpho-playnological and foliar epidermal anatomy -

The leaf epidermal characters have proved to Leaf epidermal anatomy Foliar leaves were collected from field and dried specimens. Leaves

http://hwww.academicjournals.org/article/article1380707867_Shaheen%20et%20al.pdf

Modern Trends in Plant Taxonomy - Science Alert -

Floral morphology and anatomy: The most active works in this field are those of . small fruits morphology as important tool in plant taxonomy, especially after the of Pogostemoideae of family Lamiaceae; Spjut on the systematic treatment of and architecture and epidermal studies are considered important characters in

<http://scialert.net/fulltext/?doi=ajps.2005.184.206&org=11>

Leaf - Wikipedia, the free encyclopedia -

The cuticle is in some cases thinner on the lower epidermis than on the upper epidermis, and is generally thicker on leaves leaves show dorsoventral anatomy

<http://en.wikipedia.org/wiki/Leaf>

Taxonomic Significance of Foliar Epidermis of some -

Abstract: Leaf epidermal studies were carried out on six species of Phyllanthus is a genus of the Euphorbiaceae family (Spurge family) which has over 6,500 species in medicinal values of these plants lie in some chemical substances that produce a than the anatomical evidence in the beginnings of plant systematic.

<http://iosrjournals.org/iosr-jpbs/papers/Vol9-issue4/Version-1/A09410106.pdf>

Leaf epidermal anatomy: A Modelling Approach: -

Leaf epidermal anatomy: This approach also leads to choose the other chemical methodology after preliminary evaluation because many characters were same so for

<http://www.amazon.com/Leaf-epidermal-anatomy-Modelling-melongena/dp/3659132810>

Foliar epidermal characters and petiole anatomy of -

Studies on the leaf epidermal characters and petiole anatomy of four species of Citrus L. viz., C. limon (L.) Burm., C. paradisi Macf., C. reticulata Blanco and C

<http://www.banglajol.info/index.php/BJPT/article/view/10938>

The Value of Leaf Epidermal Characters in -

The Value of Leaf Epidermal Characters in Diagnosing Some Nigerian Species of Ficus L. (Moraceae) 2004) and leaf anatomy (Sonibare et al., 2006).

<http://scialert.net/fulltext/?doi=rjb.2013.1.14>

pharmacognostic studies ofcoccinia grandis (l.) -

Use of micromorphology and anatomy is now also the recognised tool in the Only to some extent, the ontogeny, structure of stomata and phytochemical studies of (L.) Voigt, an ethnomedicinally important member ofthe family Cucurbitaceae The drawings ofthe leafepidermal micromorphological characters as well as

http://www.academia.edu/3106712/PHARMACOGNOSTIC_STUDIES_OFCOCCINIA_GRA
[NDIS L. VOIGT AN IMPORTANT ETHNOMEDICINAL PLANT](http://www.academia.edu/3106712/PHARMACOGNOSTIC_STUDIES_OFCOCCINIA_GRA)

Morphological characters of leaf epidermis in -

Many characters of the leaf epidermis in Schisandraceae, (1972) Systematic anatomy of the leaf epidermis in the Magnoliaceae and some related families.

<http://link.springer.com/article/10.1007/BF03030791>

Leaf epidermal characters of Solanum sect -

Leaf epidermal characters of Solanum sect This paper presents a comparative anatomical study of the leaf epidermis of five Brazilian species of Solanum

<http://www.ncbi.nlm.nih.gov/pubmed/21563273>

Genetic and Environmental Determination of Leaf -

November 1987] DAVIS-LEAF ANATOMY IN PUCCINELLIA . 1749 . SHAFFER, H. B. 1986. Utility of quantitative genetic pa- rameters in character weighting.

<http://www.jstor.org/stable/2444145>

Leaf epidermal character variation and evolution -

Leaf epidermal characters were found to be largely consistent within species, but highly variable at interspecific and higher taxonomic levels.

<http://onlinelibrary.wiley.com/resolve/doi?DOI=10.1111%2Fboj.12296>

Epidermis (botany) - Wikipedia, the free -

The epidermis of most leaves shows dorsoventral anatomy: the upper (adaxial) and lower The epidermis is the outermost cell layer of the primary plant body.

http://en.wikipedia.org/wiki/Leaf_epidermis

LEAF ANATOMICAL AND MICROMORPHOLOGICAL CHARACTERS -

Similarities in most of the leaf anatomical characters such as the cyclocytic stomatal complex, straight to curved Leaf epidermal studies in

<http://www.jstor.org/stable/23616645>

The Taxonomic Significance of Certain Anatomical -

systematically useful characters are shapes of the epidermal anticlinal walls, Keywords: Asteraceae, Taxonomy, Anatomy, Leaf epidermis, Trichome, Taxonomic significance of foliar epidermis in some members of the family While the salient features of the epidermal morphology of four genera of Asteraceae studied

http://bepls.com/April_2014/28a.pdf

Leaf epidermal characters and taxonomic revision -

Leaf epidermal characters and taxonomic revision of Schizophragma and Pileostegia anatomy; leaf anatomy; morphology; Botanical Journal of the Linnean Society,

<http://onlinelibrary.wiley.com/doi/10.1111/j.1095-8339.2010.01101.x/abstract>

Leaf epidermal characters of Lonicera japonica -

Leaf epidermal characters of Lonicera japonica and Lonicera confusa comparison of the leaf anatomy of Cyclobalanopsis glauca and its adaptation to

<http://link.springer.com/content/pdf/10.1007%2Fs11676-007-0020-1.pdf>

Foliar micromorphology and anatomy of Ugni molinae -

Ugni molinae Turcz. is one of the most studied species of South American Myrtaceae due to its edible fruits and foliar medicinal compounds. This paper seeks to describe the leaf micromorphology and anatomy of the In general, micromorphological and anatomical characters are similar to other species of the family.

<http://www.revchilhistnat.com/content/87/1/27>

Taxonomic treatment of medicinally important -

Correlation of leaf epidermal anatomical characters. Leaf epidermal anatomical characters 1 2 3 4 5 6 7 8 9 10 11 12 1 1 2 0.44 1 3 0.80 0.43 1

[http://www.academicjournals.org/article/article1380718777_Khan%20et%20al%20\(2\).pdf](http://www.academicjournals.org/article/article1380718777_Khan%20et%20al%20(2).pdf)

SYSTEMATIC SIGNIFICANCE OF ANATOMICAL -

IN SOME EUPHORBIACEOUS SPECIES variations in micro morphological characters of foliar epidermal anatomy. utility of both qualitative and quantitative characters in systematic studies; also the medicinal plants including the use for the treatment of skin important family and various applications were published.

[http://www.pakbs.org/pjbot/PDFs/46\(5\)/14.pdf](http://www.pakbs.org/pjbot/PDFs/46(5)/14.pdf)

Specialized structures in the leaf epidermis of -

The morphology of specialized structures in the leaf epidermis of is leaf epidermal anatomy. characters pertaining to the specialized leaf

<http://www.amjbot.org/content/93/5/665.full>

Identifying Plants by Leaf Epidermal Characters - -

By Leaf Epidermal Characters E. M. Stoddard The method of plant identification presented here is based on the pattern of

<http://www.ct.gov/caes/lib/caes/documents/publications/circulars/c227.pdf>

Acta Amazonica - Leaf anatomical features of three -

Leaf anatomical features of three Theobroma species (Malvaceae s.l.) native to Theobroma species have economic importance due to their use in the . In all studied species, the epidermis was covered by a smooth cuticle layer . An update of the Angiosperm Phylogeny Group classification for the orders and families of

http://www.scielo.br/scielo.php?pid=S0044-59672014000300001&script=sci_arttext

Pharmacognostical Studies on Indigofera -

Aug 15, 2014 Systematic and detailed Pharmacognostical studies The studies include anatomical characters of leaf, stem field of Indian medicine certain synonyms are used for more than one or two genera and 18,000 species; it is one of the largest Angiosperm families medicinal importance and the fact that no.

http://www.phytojournal.com/vol3Issue3/Issue_sep_2014/18.1.pdf

Foliar epidermal and pollen characters of some -

The taxonomic importance of pollen and leaf anatomical characters well documented in botanical literais ture Leaf epidermis, pollen, Microcos, Nigeria, Taxonomy

<http://www.scirp.org/Journal/PaperDownload.aspx?paperID=52549>

Anatomical characters of the medicinal leaf and -

Anatomical characters of the medicinal leaf and stem of on leaf epidermal features B. Comparative leaf morphology and anatomy of three Asteraceae species. Braz.

<http://www.scielo.br/pdf/bjps/v49n4/v49n4a11.pdf>

Research Article Studies on Ipomoea Cairica (L.) -

In the leaf extract, the detected phytochemical groups identified in the stem which contain some specific phytochemical groups like micromorphology and anatomy, Ipomoea cairica, ethnomedicinally important plant families of angiosperm have been studied . Foliar Epidermal Cell Characters of the Investigated Plant.

http://www.jipbs.com/VolumeArticles/FullTextPDF/117_JIPBSV2I403.pdf

Do leaves in Cyperoideae (Cyperaceae) have a -

Ontogeny Leaf anatomy Hypodermis Multiple epidermis Cyperaceae Introduction The family The use of anatomical characters in the infrageneric

http://www.academia.edu/5170255/Do_leaves_in_Cyperoideae_Cyperaceae_have_a_multiple_epidermis_or_a_hypodermis

Leaf epidermal features as taxonomic characters -

Leaf epidermal features as taxonomic characters in some DNA markers, and anatomy. Leaf epidermis anatomy has been used repeatedly to classify and reclassify

http://www.bio.bas.bg/~phytolbalcan/PDF/20_2-3/20_2-3_11_AbdulRahaman_&_al.pdf

Leaf anatomical characters and their value in -

Sep 30, 2002 Leaf anatomical characters and their value in understanding morphoclines in the C. LAMINA EPIDERMAL CELLS Systematic anatomy of leaf and stem,

<http://www.thefreelibrary.com/Leaf+anatomical+characters+and+their+value+in+understanding...-a0101577368>

Leaf Epidermal Anatomical Characters and -

Leaf Epidermal Anatomical Characters and Anatomical Tools for Systematical Studies of Some Medicinally Important Angiospermic Families, \$190.00

https://www.novapublishers.com/catalog/product_info.php?products_id=55403&osCsid=dd37f809902f735b695a493c5e665444

Importance of Leaf Epidermal Characters in the -

Home Importance of Leaf Epidermal Characters in A comparative study of the leaf epidermis of Foliar anatomical characters that justify the

<http://connection.ebscohost.com/c/articles/34803043/importance-leaf-epidermal-characters-asteraceae-family>