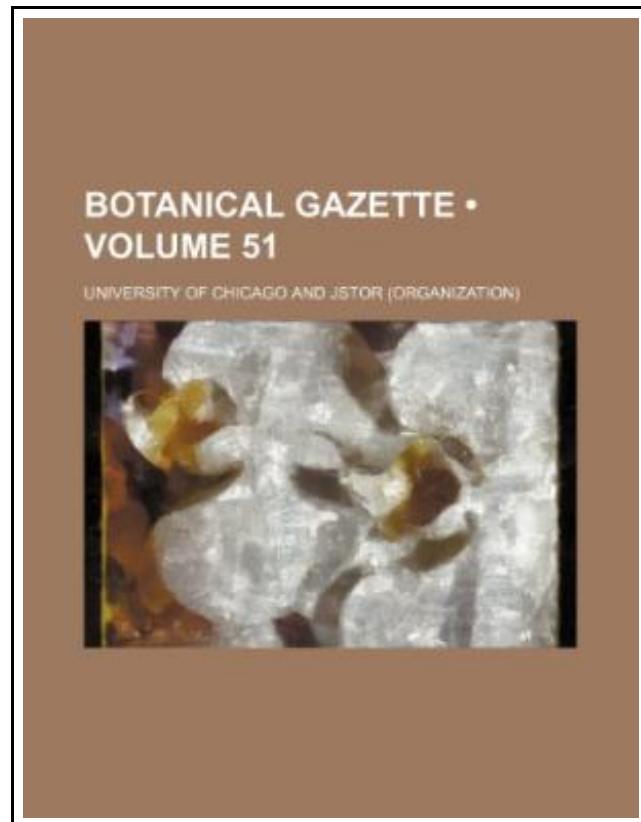


Botanical gazette Volume 51



Filesize: 2.65 MB

Reviews

Completely essential read book. I could possibly comprehended every little thing using this written e book. You wont sense monotony at at any moment of your own time (that's what catalogues are for relating to if you ask me).

(Rosendo Douglas DVM)

BOTANICAL GAZETTE VOLUME 51

[DOWNLOAD](#)

To get **Botanical gazette Volume 51** eBook, make sure you follow the link beneath and download the ebook or gain access to additional information which are have conjunction with **BOTANICAL GAZETTE VOLUME 51** book.

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 184 pages. Dimensions: 9.7in. x 7.4in. x 0.4in. This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1911 edition. Excerpt: . . . STUDIES ON THE RELATION OF THE LIVING CELLS TO TRANSPiration AND SAP-FLOW IN CYPERUS. I James Bertram Overton (with ONE Figure) Historical discussion Recent studies have revived with considerable vigor the doctrine that the presence of the living cells in the stem is necessary for the ascent of sap. The earlier evidence as to the necessity of living cells for sap-flow, as presented by Godlewski (15) and supported by Westermaier (41, 42) and Janse (16), was shown to be inadequate by Strasburger (30, 31) in a series of elaborate experiments, in which long portions of stems were killed with steam, hot water, and poisons, and the dead parts proved to be still capable of conduction. Several authors have refused to accept Strasburgers conclusions and have presented important criticisms of his experimental work. The vitalistic theory of sap-flow, as it may perhaps be called, has been vigorously exploited by Ursprung (32-37) and further supported by his student Roshardt (24). Ursprungs methods and conclusions, however, have in turn been severely criticized by Jost (17, 18), Dixon (912). and Czapek (7, 8). Ursprung conceives that the living cells of the stem either may function in keeping the vessels in a proper state for conduction, or else they may take a direct part in the elevation of the sap. He believes that their lifting power is the more important function in tall plants, but that in low herbaceous ones the living cells may keep the vessels in a proper...

[Read Botanical gazette Volume 51 Online](#)[Download PDF Botanical gazette Volume 51](#)

Other PDFs



[PDF] Yearbook Volume 15

Follow the link under to download and read "Yearbook Volume 15" document.

[Read PDF »](#)



[PDF] Molly on the Shore, BFMS 1 Study score

Follow the link under to download and read "Molly on the Shore, BFMS 1 Study score" document.

[Read PDF »](#)



[PDF] Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications . (Paperback)

Follow the link under to download and read "Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications . (Paperback)" document.

[Read PDF »](#)



[PDF] Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large

Follow the link under to download and read "Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large" document.

[Read PDF »](#)



[PDF] A Kindergarten Manual for Jewish Religious Schools; Teacher s Text Book for Use in School and Home (Paperback)

Follow the link under to download and read "A Kindergarten Manual for Jewish Religious Schools; Teacher s Text Book for Use in School and Home (Paperback)" document.

[Read PDF »](#)



[PDF] Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers (Paperback)

Follow the link under to download and read "Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers (Paperback)" document.

[Read PDF »](#)