Botanical gazette Volume 51



Filesize: 5.02 MB

Reviews

This book will be worth getting. Better then never, though i am quite late in start reading this one. Its been written in an extremely basic way which is only right after i finished reading this book through which actually altered me, alter the way i believe. (*Mr. Enrico Lesch*)

BOTANICAL GAZETTE VOLUME 51

DOWNLOAD PDF

ረጌ

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 eBooks

٢		5
L		
L	-	J

Yearbook Volume 15

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 58 pages. Dimensions: 9.7in. x 7.4in. x 0.1in.This historic book may have numerous typos and missing text. Purchasers can usually download a free... Download eBook »

	7
	=
E	

Molly on the Shore, BFMS 1 Study score

Petrucci Library Press. Paperback. Book Condition: New. Paperback. 26 pages. Dimensions: 9.7in. x 6.9in. x 0.3in.Percy Grainger, like his contemporary Bela Bartok, was intensely interested in folk music and became a member of the English... Download eBook »

=	
— J	

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)

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can usually...

Download eBook »

- 1	

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

Madelyn D R Books. Paperback. Book Condition: New. Paperback. 106 pages. Dimensions: 9.0in. x 6.0in. x 0.3in.This book is about my cousin, Billy a guy who taught me a lot over the years and who ...

Download eBook »

ſ	Δ	
l	— J	

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

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can download...

Download eBook »