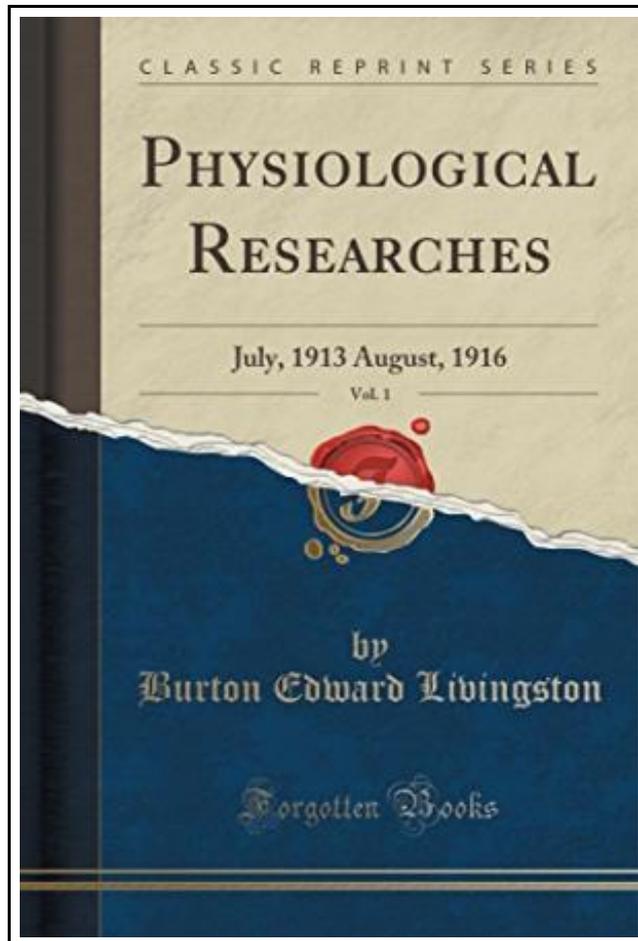


## Physiological Researches, Vol. 1: July, 1913 August, 1916 (Classic Reprint)



Filesize: 9.43 MB

### ***Reviews***

*A new eBook with a brand new point of view. It really is written in basic words and not confusing. I discovered this publication from my i and dad recommended this book to find out.*

*(Miss Annamarie Ebert I)*

## PHYSIOLOGICAL RESEARCHES, VOL. 1: JULY, 1913 AUGUST, 1916 (CLASSIC REPRINT)



Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Excerpt from Physiological Researches, Vol. 1: July, 1913 August, 1916 The experiments described in this paper had as their chief purpose to discover (a) whether the water content of a given soil at the time when plants growing therein become permanently wilted remains a constant when wilting occurs under widely varying environmental conditions, and can therefore be determined with accuracy by calculation from the known physical constants of the soil, and (b) whether there is a definite and constant relation between the water content of the plant and that of the soil at the time of wilting, under such varying conditions. The work was performed at the Desert Laboratory of the Carnegie Institution, at Tucson, Arizona, during the summer of 1911. The plants used were *Zea mays* L., *Phaseolus vulgaris* L., *Xanthium commune* Britton, *Martynia louisiana* Mill., and *Physalis angulata* var. *Linkiana* Gray. The chief results follow: 1. For large numbers of turgid individuals of the same age and species, the average water content of all the normal functioning leaves is approximately a constant under the midsummer conditions of southern Arizona. Departures of individual plants from the average normal foliar water content for the species were few and small in the five species studied. 2. Plants beginning to lose turgor in the youngest leaves show an average foliar water content which is fairly constant for the species and which bears a definite ratio to the average normal water content for turgid individuals of that species. 3. Temporary wilting of the younger foliage is of frequent occurrence and is conditional only upon a temporary, but more or less prolonged, maintenance of the rate of transpiration at a magnitude...

 [Read Physiological Researches, Vol. 1: July, 1913 August, 1916 \(Classic Reprint\) Online](#)  
 [Download PDF Physiological Researches, Vol. 1: July, 1913 August, 1916 \(Classic Reprint\)](#)

## Related PDFs

---



**Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: ( Learn to Read Crochet Patterns, Charts, and Graphs, Beginner s Crochet Guide with Pictures)**

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Getting Your FREE Bonus Download this book, read it to the end and...

[Read eBook »](#)

---



**The Voyagers Series - Europe: A New Multi-Media Adventure Book 1**

Strength Through Communications, United States, 2011. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.The Voyagers Series is a new multi-media, multi-disciplinary approach to teaching...

[Read eBook »](#)

---



**Talking Digital: A Parent s Guide for Teaching Kids to Share Smart and Stay Safe Online**

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book. It is time for the digital talk. Today, kids are growing up in a wired world. Their...

[Read eBook »](#)

---



**No Friends?: How to Make Friends Fast and Keep Them**

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Do You Have NO Friends ? Are you tired of not having any...

[Read eBook »](#)

---



**History of the Town of Sutton Massachusetts from 1704 to 1876**

Createspace, United States, 2015. Paperback. Book Condition: New. annotated edition. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This version of the History of the Town of Sutton Massachusetts...

[Read eBook »](#)