

UNIVERSITY EXTENSION. 1891 - 92.

ELEMENTARY COURSE in BOTANY
LECTURE I.

The Purpose of the Science

Its Power in Education.

Its Relation to Kindred Sciences

A Study which inflicts no pain. (Ha! ? ?)

An In-expensive pursuit.

The abundance of materials.

Simplicity of Elementary Facts.

Relation to foreign languages.

The technical language of Botany.

Aesthetic aspects of the Science. Yum, yum!

Extreme finish in Nature.

Friendships of Science. e.g. Walter Deane

Botany's Relation to the Microscope.

More Practical Objects. e.g. duets, michels!

Relations to Horticulture. Agriculture, Floriculture.

Medicine and Commerce. Lambago etc

The great influence of Kew Gardens.

Practical work of Botanists. Uses of the Botanic Garden. for nurse-marks etc

As a looking + place for Boes
Uses of the Herbarium. The Scope of Botany.

Definition of the Term. What is a plant?

Nature draws no sharp lines of demarcation between animals and plants.

Some Motile Plants considered, as Diatoms; spores of Algae.

Some movements of plants parts as Leaves of Mimosa, Desmodium

Root-tips. Tendrils. Flower-parts. Fruits.

Some carnivorous plants considered, as, Dionaea, Drosera, Sarracenia, Darlingtonia.

Other Vanishing Tests.

Close observation required of the Student.

Division of Labor necessary- Definitions of Morphology, Physiology- etc.

Primary Divisions of the Vegetable Kingdom.

Phanogamia, Cryptogamia.

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Botany's Relation to the Microscope

More Practical Objects

Relations to Horticulture, Agriculture, Floriculture

Medicine and Commerce

The great influence of New Gardens

Practical work of Botanists. Uses of the Botanic Garden

Uses of the Herbarium. The Scope of Botany

Definition of the Term. What is a plant?

Nature draws no sharp lines of demarcation between animals

and plants

Some mobile plants considered as transient agents of

Algae

Some movements of plants: roots as leaves, mosses, Penstemon

Post-like plants, flower-bells, etc.

Some stationary plants considered as, Dicotyledons, Gymnosperms, etc.

Other Vegetable Texts

Close observation required of the Student

Division of labor necessary - Definitions of Morphology

Physiology, and

Primary Divisions of the Vegetable Kingdom

Phanerogams, Cryptogams

Relations to Horticulture, Agriculture, Floriculture

Medicine and Commerce

W. M. Bailey

Nov 1891

Plan for 1892



Bailey, William Whitman. 1891. "Bailey, William Whitman 1891 [class lecture outline]." *Walter Deane correspondence*

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