Friday, May 9, 1902.

CONTENTS:
The Origin of Species by Mutation: Professor Hugo De Vries. 721
Sixth Annual Meeting of the New York State Science Teachers Association: Dr. Franklin W. Barrows, Lyman C. Newell, Professor Richard E. Dodge, Mary Rogers Miller, Henry R. Linville. 729
The Future of Vegetable Pathology: Professor Augustine D. Selby. 736
Scientific Books:
Correspondence of J. Berzelius and P. Wöhler: Dr. Henry Carrington Bolton. 740
Reports of the Cambridge Anthropological Expedition to Torres Straits: Professor Joseph Jastrow. 744
Newstead on the Coecidae of the British Isles: Professor T. D. A. Cockerell. 744
Societies and Academies:
Discussion and Correspondence:
Scientific Terminology: Dr. F. A. Bather. Botanical Nomenclature: Dr. Wm. H. Dall. The Will of the People; not of an Oligarchy: Mrs. Mary H. Hunt. Temperance Physiology in the Public Schools: Professor W. T. Sedgwick. 747
Shorter Articles:
Current Notes: Meteorology:
Loss of Life in the United States by Lightning; Temperature, Rainfall and Sun-spots in Jamaica; Climate of Western Australia: Professor R. Dec. Ward. 756
Scientific Notes and News. 757
University and Educational News. 760

THE ORIGIN OF SPECIES BY MUTATION.*

Forty years ago Darwin's 'Origin of Species' was given to the world. The number of those who witnessed its appearance gradually diminishes year by year. Few are left to remember the condition of things at that period, and the shock which its publication caused. We had grown up firmly convinced of the invariability of species. The precepts and commands of Linnaeus reigned supreme over our thoughts and deeds alike. To take the last specimen from a locality, no one would have dared, not even in the seclusion of the forest primeval. Far less would any one have had the temerity to give even a single thought to those phenomena whose study he had forbidden. Many an interesting variation did I meet with on my walks when a student, but, obedient disciple that I was, left uncollected.

With the appearance of Darwin's book came the complete overthrow of the old doctrine. What formerly had been the science now became merely its primer. New demands were made upon investigation, interest was now directed into entirely new channels. An endless field was

* Address before the second general meeting of the eighth congress of the 'Nederlandsche Natuur- en Genusskundige Vereeniging,' held at Rotterdam. Translated from the 'Album der Natuur,' Mei, 1901, by H. T. A. Hus, Assistant in Botany, University of Amsterdam, and revised by the author.
Editor's Summary

This copy is for your personal, non-commercial use only.

**Article Tools**  Visit the online version of this article to access the personalization and article tools: [http://science.sciencemag.org/content/15/384.citation](http://science.sciencemag.org/content/15/384.citation)

**Permissions**  Obtain information about reproducing this article: [http://www.sciencemag.org/about/permissions.dtl](http://www.sciencemag.org/about/permissions.dtl)