

SCIENCE

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FRIDAY, JUNE 24, 1898.

MODELS OF EXTINCT VERTEBRATES.*

CONTENTS:

<i>Models of Extinct Vertebrates:</i> PROFESSOR HENRY F. OSBORN.....	841
<i>Natural Arches of Kentucky:</i> PROFESSOR ARTHUR M. MILLER.....	845
<i>The International Aéronautical Conference at Strassburg:</i> PROFESSOR A. LAWRENCE ROTCH.....	846
<i>The Field Columbian Museum</i>	848
<i>Current Notes on Physiography:—</i> <i>Yukon Gold District; Physical Geography of Worcester, Mass.; Jamaica; Cuba; Appalachia:</i> PROFESSOR W. M. DAVIS.....	850
<i>Current Notes on Anthropology:—</i> <i>The Ratio of Human Progress; The Italian Anthropological Institute; 'Organic' Sociology:</i> PROFESSOR D. G. BRINTON.....	851
<i>Notes on Inorganic Chemistry:</i> J. L. H.....	852
<i>Scientific Notes and News:—</i> <i>The Royal Geographical Society; Liquid Hydrogen; General</i>	854
<i>University and Educational News</i>	859
<i>Discussion and Correspondence:—</i> <i>A Precise Criterion of Species:</i> DR. FRANZ BOAS.....	860
<i>Scientific Literature:—</i> <i>J. Bolyai's Scientia Spatii Absolute Vera and Bolyai de Bolya's Tentamen:</i> PROFESSOR GEORGE BRUCE HALSTED. <i>Sidis on the Psychology of Suggestion:</i> PROFESSOR WM. ROMAIN NEWBOLD. <i>Volkman's Erkenntnistheoretische Grundzüge der Naturwissenschaften and Pictet's Etude critique du matérialisme et du spiritualisme par la physique expérimentale:</i> E. A. STRONG. <i>Butler on the Meaning of Education:</i> PROFESSOR FRANK MCMURRY.....	861
<i>Societies and Academies:—</i> <i>The New York Section of the American Chemical Society:</i> DR. DURAND WOODMAN. <i>The Torrey Botanical Club:</i> EDWARD S. BURGESS.....	867
<i>New Books</i>	868

THERE are certain obligations resting upon the curators of metropolitan museums from which curators of university museums should enjoy a grateful immunity. These mainly involve the difficult undertaking of arousing interest and spreading accurate information among a very large class of inquisitive but wholly uninformed people. If these obligations are unfulfilled the metropolitan museum fails in its purpose and deserves the withdrawal of public support.

With this general idea in mind, members of the Department of Vertebrate Paleontology at the American Museum have been making a special study of all the legitimate methods of attracting the attention and interest of visitors. Among these methods are the series of water-color restorations of extinct vertebrates, executed by the animal painter, Mr. Charles Knight, with the aid of various scientific suggestions and criticisms. The preparation of these drawings involves a far more careful preliminary study than would generally be supposed. The artist begins by making a number of models in wax, based upon the actual proportions and muscular indications of the skeleton, and by

* Catalogue of Casts, Models, Photographs and Restorations of Fossil Vertebrates, issued by the Department of Vertebrate Paleontology, American Museum of Natural History, April, 1898.

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