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FRIDAY, APRIL 2, 1897.

THE RELATIONS OF SCIENCE AND THE SCIENTIFIC CITIZEN TO THE GENERAL GOVERNMENT.\*

## CONTENTS:

<i>The Relations of Science and the Scientific Citizen to the General Government:</i> J. R. EASTMAN .....	525
<i>The New York State Science Teachers' Association (III.), including Address by Thomas B. Stowell:</i> FRANKLIN W. BARROWS.....	531
<i>Migration of Bats on Cape Cod, Massachusetts:</i> GERRIT S. MILLER, JR.....	541
<i>Zoological Notes:—</i>	
<i>Museums and Science; A Dog of the Ancient Pueblos:</i> F. A. LUCAS.....	543
<i>Current Notes on Anthropology:—</i>	
<i>European Ethnographical Museums; Ethnographical Survey of Great Britain:</i> D. G. BRINTON...545	
<i>Notes on Inorganic Chemistry:</i> J. L. H.....	545
<i>Scientific Notes and News:—</i>	
<i>The Threatened Legislation against Science and Education; General</i> .....	546
<i>University and Educational News</i> .....	549
<i>Discussion and Correspondence:—</i>	
<i>Relations of Tarsius to the Lemurs and Apes:</i> A. A. W. HUBBERT. <i>The Journal of School Geography:</i> W. M. DAVIS, RICHARD E. DODGE. <i>The Drainage of the Saginaw Valley:</i> ALFRED C. LANE .....	550
<i>Scientific Literature:—</i>	
<i>Newton's Dictionary of Birds:</i> ELLIOTT COUES. <i>Recent Geological Bibliographies:</i> H. F. BAIN. 553	
<i>Societies and Academies:—</i>	
<i>Chemical Society of Washington:</i> V. K. CHESNUT. <i>Geological Society of Washington:</i> W. F. MORSELL. <i>Entomological Society of Washington:</i> L. O. HOWARD. <i>New York Academy of Sciences:</i> RICHARD E. DODGE.....	557
<i>New Books</i> .....	560

IN the founding of states, and in the early stages of that development of local and general government that rests on new principles or on novel combinations of well recognized theories, the stress of individual and collective effort for simple existence is the dominant factor in the community. Under such circumstances the systematic investigation of natural phenomena can have no place in the occupations of men, nor receive recognition in those fundamental laws that set forth the rights and the duties of the citizen and the powers of the state.

Republics are born of the impelling desire for the greatest good for the maximum number of citizens, and that democratic impulse reaches its highest activity only when community of interest and comparative equality of estate and station characterize the members of the body politic. With the material development of states the varied energies and capacities of individuals soon introduce aspirations for higher knowledge and also those combinations for wielding financial power which are inseparable from all highly organized communities; and such forces, in their turn, demand not only the practical application

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