

- XIX. Inquiries and Answers.
- XX. Dr. Hook's Papers.
- XXI. Halley's Papers.
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GEORGE F. KUNZ

#### SCIENTIFIC JOURNALS AND ARTICLES

THE July number (volume 8, No. 3) of the *Transactions of the American Mathematical Society* contains the following papers:

J. W. YOUNG: "General theory of approximation by functions involving a given number of arbitrary parameters."

E. R. HEDRICK: "On derivatives over assemblages."

BEPEO LEVI: "Geometrie proiettive di congruenza e geometrie proiettive finite."

OSWALD VEBIEN: "Collineations in a finite projective geometry."

R. L. MOORE: "Geometry in which the sum of the angles of every triangle is two right angles."

O. VEBIEN and J. H. MACLAGAN-WEDDERBURN: "Non-desarguesian and non-pascalian geometries."

L. E. DICKSON: "Modular theory of group-matrices."

OSKAR BOLZA: "Existence proof for a field of extremals tangent to a given curve."

G. A. BLISS: "A new form of the simplest problem of the calculus of variations."

A. E. YOUNG: "On certain isothermic surfaces."

*The Library Journal* for July contains an article on "The Library and the Museum," by Henry L. Ward, in which he takes the ground that a union of the two is impracticable, that the two differ radically in their methods and administration and that all attempts to unite them have been failures so far as the museum part is concerned.

*Bird-Lore* for July-August contains articles on "A Southern California Aviary," by H. L. Sefton; "A Report on the Nesting Birds in the Vicinity of Riverview Park, Allegheny, Pa., for 1906," by W. G. Pitcairn, comprising 95 nests of 20 species, 43 nests turning out successfully in spite of the small boy. F. H. Herrick contributes the first half of a paper on "Bird Protection in Italy as it impresses

the Italian"; apparently it does not on the whole impress him favorably, for he considers that all birds should be killed and eaten, an idea he tries to carry into practise here. W. W. Cooke contributes the fourth paper on "The Migration of Thrushes" which consists mainly of a fine colored plate. There are "Notes on the Starling," predicting that the importation of this bird will be as greatly deplored as that of the English sparrow. There are important articles on the failure of New Jersey to pass a bill prohibiting spring shooting and on the failure of the bill to permit the sale of certain species of foreign game in New York. William Dutcher makes a strong plea for the preservation of the wood duck, showing that unless radical steps are soon taken the bird will be exterminated.

#### SOCIETIES AND ACADEMIES

##### THE NORTH CAROLINA ACADEMY OF SCIENCE

THE North Carolina Academy of Science held its sixth annual meeting at Chapel Hill, N. C., May 17 and 18, 1907.

The academy was called to order by its president, Collier Cobb, and an address of welcome was extended to the academy by President Francis P. Venable of the university. A response to the address was made by the retiring president, John F. Lanneau, of the Academy of Science.

In the evening the academy met in Gerard hall, and the presidential address "The Garden, Field and Forest of the Nation" was delivered. Following this address a reception was extended to the visiting members in the Y. M. C. A. building. Saturday, May 18, at 9 A.M. the academy convened for a business meeting. Twenty-one new members were elected. The following officers were elected for the ensuing year:

*President*—T. Gilbert Pearson, of Greensboro, N. C.

*Vice-president*—W. C. Coker, of Chapel Hill.

*Secretary*—E. W. Gudger, of Greensboro.

*Members of the Executive Committee*—Franklin Sherman, Jr., of Raleigh; J. J. Wolfe, of Durham, and John F. Lanneau, of Wake Forest.

The report of the treasurer showed a balance of \$122.53.