

M. Chapman entitled 'The Bird Rocks of the Gulf of St. Lawrence.' He was followed by Dr. Thomas S. Roberts, who gave an exhibition of lantern slides of birds, birds' nests and nesting haunts from photographs taken by himself in Minnesota. Other slides were shown by Messrs. William Dutcher and William L. Baily.

In the evening the Union met in the Assembly Hall of the Cosmos Club, by courtesy of that Club. Here three papers were read, viz.: 'On the Nesting Habits of the Brown Pelican on Pelican Island, Florida,' by Frank M. Chapman; 'Chapter in the Life of the Canada Jay,' by Oscar Bird Warren; and 'Clarke's Crows and Oregon Jays on Mt. Hood,' by Florence A. Merriam. All of the slides exhibited were effective, showing care and patience in obtaining the negatives.

Mr. Witmer Stone, Chairman of the Committee on Protection of North American Birds, read a most interesting report on the work done during the past year. The report will be published in *The Auk*, and reprinted as a separate pamphlet, to be sold at a very low price.

The graphophone demonstration of a brown thrasher's song by Dr. Sylvester D. Judd was a new and unique feature of the Congress. Dr. Judd's experiments were made with a cage bird, but the results obtained were enough to show that great possibilities in this field may be looked for in the future.

Following is a list of the papers read at the session, in addition to those already mentioned:

'Among the Birds in Nevada,' Harry C. Oberholser.
'The Geographical Distribution of the Wrens of the *bewickii* Group,' Harry C. Oberholser.

'The Moults of Passerine Species in the vicinity of New York City,' Jonathan Dwight, Jr.

'The Nocturnal Flight of Migrating Birds,' O. G. Libby.

'The Distribution and Relationships of *Ammodramus maritimus* and its allies,' Frank M. Chapman.

'Chadbourne on Individual Dichromatism in *Megascops asio*, with some evidence on the question,' William Palmer.

'The Prothonotary Warbler, *Protonotaria citrea*, a common summer resident of Southeastern Minnesota,' Thomas S. Roberts.

'Polygamy among Oscines,' F. E. L. Beal.

'Crow Roosts in Eastern Pennsylvania and New Jersey,' Witmer Stone.

'Some Parasites of Birds,' by title, Vernon L. Kellogg.

'Some Characteristics of Neosoptiles,' William Palmer.

'The Generic Names *Pediocætes* and *Poocætes*,' Theo. Gill.

'The Blue Honey-creepers of Tropical America,' Harry C. Oberholser.

'The Water Ouzel on Mt. Shasta,' Florence A. Merriam.

The next meeting will be held in Philadelphia, commencing November 13, 1899.

JOHN H. SAGE,
Secretary.

CURRENT NOTES ON ANTHROPOLOGY.

THE MAP OF CUAUHTLANZINCO.

UNDER the above name Mexican archæologists have described a series of paintings about thirty-three in number, preserved in the native town bearing the appellation. They were drawn and colored some decades after the Conquest, in order to preserve the memory of that portion of it in which the town was engaged. In the present century a new copy was made, as the first canvasses were falling to pieces. Inscriptions in Nahuatl and Spanish were added, to explain the various scenes depicted by the native artists.

Professor Frederick Starr visited the hamlet in 1895 and again last January, and obtained photographs of all the pictures and a copy of the Spanish explanations. These he has published in an instructive monograph, issued from the press of the University of Chicago. It will be read with pleasure by those interested in the archæology of Mexico ('The Mapa de Cuauhtlantzinco or Códice Campos').

THE VARIATIONS OF THE MUSCLES IN MAN.

THE racial variations in the soft parts of the human frame is a much more difficult study than that which limits itself to the bony skeleton. For that reason anthropologists will welcome the publication of the results obtained by the late Dr. H. Chudzinski, who for twenty years occupied himself with such investigations. They are in part contained in a volume of 226 pages, edited by the eminent anatomist, Dr. L. Manouvrier, and published by the Anthropological Society of Paris. The comparisons are most complete between the white and black races, as of those, Dr. Chudzinski could, in Paris, secure good specimens. As for the 'yellow race,' in which he included a Carib, a Peruvian, a black from Pondichery and two natives of Farther India, evidently little value can be assigned its peculiarities, as based on such examples. (*Variations musculaires dans les races humaines*, Paris, Masson et Cie, 1898.)

PASSAMAQUODDY LITERATURE.

PREVIOUSLY in these notes (SCIENCE, May 13, 1898) I have referred to Professor J. D. Prince's interesting studies in the Passamaquoddy dialect. He has supplemented those by an article in the *Annals of the New York Academy of Sciences* (Vol. XI., No. 15), giving, from pure native sources, an outline of Wabanaki history previous to the establishment of the intertribal *modus vivendi* set forth in the 'Wampum laws.' The account illustrates the primitive condition of murderous warfare which prevailed, and the efforts of the wiser heads of the hordes to put a stop to such destructive excesses.

The paper ends with a Passamaquoddy love song which is presented in the original, with an English translation, and explanatory notes of the text.

D. G. BRINTON.

UNIVERSITY OF PENNSYLVANIA.

SCIENTIFIC NOTES AND NEWS.

WE are now able to give some further details in regard to the meeting of the American Society of Naturalists, and of the Societies holding their meetings in New York City in conjunction with it. The first meeting of the Society of Naturalists will be in the American Museum of Natural History on the evening of Wednesday, December 28th. After a welcome by the President of the Museum, Mr. Morris K. Jesup, Professor Henry F. Osborn will give a lecture on 'Collections of Fossil Mammals and their Care,' and will afterwards receive the members of the Societies at his house. The chief meeting of the Naturalists will be held on the afternoon of December 29th at Schermerhorn Hall, Columbia University. After the Societies have been welcomed by President Low a series of short papers will be read on 'Advances in Methods of Teaching' as follows:

Zoology: Professor E. G. Conklin, University of Pennsylvania.

Anatomy: Professor George S. Huntington, Columbia University.

Physiology: Professor W. T. Porter, Harvard Medical School.

Psychology: Professor Hugo Münsterberg, Harvard University.

Anthropology: Dr. Franz Boas, Columbia University.

Botany: Professor W. F. Ganong, Smith College.

The annual dinner will be held at the Hotel Savoy, and after the dinner the President of the Society, Professor Bowditch, will make an address. Visits to the Botanical and Zoological Parks have been arranged for December 30th.

THE other Societies holding scientific sessions simultaneously with the Naturalists open their meetings on Wednesday, except the Anthropologists of the American Association, who begin on Tuesday. Announcements of these meetings have been or will be sent out by the Secretaries to members, and further information can be obtained from them. The addresses of the several Secretaries are as follows:

Dr. H. C. Bumpus, Brown University, Providence, Secretary of the The American Society of Naturalists.

Dr. G. H. Parker, 6 Avon Place, Cambridge, Mass., Secretary of The American Morphological Society.

Dr. D. S. Lamb, 800 Tenth Street, N. W., Wash-