

SCIENCE

A WEEKLY JOURNAL DEVOTED TO THE ADVANCEMENT OF SCIENCE, PUBLISHING THE
OFFICIAL NOTICES AND PROCEEDINGS OF THE AMERICAN ASSOCIATION
FOR THE ADVANCEMENT OF SCIENCE

FRIDAY, JUNE 12, 1908

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THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE SECTION F—ZOOLOGY

THE AMERICAN SOCIETY OF ZOOLOGISTS

A JOINT session of the Central Branch of the American Society of Zoologists with Section F, Zoology, of the American Association for the Advancement of Science was held at the University of Chicago, December 30, 1907, to January 4, 1908. This was the sixth meeting of the Central Branch of the American Society of Zoologists, and the largest in its history. President S. A. Forbes, of the Central Branch, presided at all the sessions, as President E. B. Wilson, of Section F, was unable to be present.

The society met at 2:30 P.M., December 30, at which time E. B. Conklin, the retiring vice-president of Section F, delivered an address upon "The Mechanism of Heredity." The following are the titles and abstracts of papers presented at this meeting.

On the Specific Gravity of the Constituent Parts of the Egg of Chaetopterus and the Effect of Centrifuging on the Polarity of the Egg: FRANK R. LILLIE, University of Chicago.

As the result of experiments with centrifugal forces of graded powers, the author concluded that the protoplasm of the polarized ovocyte of *Chaetopterus* possesses both a polar and a concentric organization of its ground substance, which is the basis of the so-called "segregation pattern," or arrangement of granules ("sub-