photographs of Cunningham's Comet by L. E. Cunningham and Fletcher Watson were exhibited. Photographs of the planets in light of different wavelengths were shown by E. C. Slipher, and photographs by J. B. Edson and others of the illuminated ring of atmosphere of Venus at inferior conjunction were shown. The first quantitative results of combinations of direct photographs and radial velocities for determining space motions of prominences were presented by H. E. Sawyer, J. Brodie and O. Mohler. Other papers were concerned with such questions as the equilibrium of interstellar matter, the effects of tidal action on light curves of eclipsing binaries having eccentric orbits, and a theory of spiral structure in nebulae. At one session the retiring vice-president for Section D, Everett I. Yowell, delivered an address on "The Motions of the Stars."

A reception and tea were given the members of the section and the society at the Flower Observatory of the University of Pennsylvania by Dr. and Mrs. Olivier. The Rittenhouse Astronomical Society served refreshments after an evening demonstration at the Fels Planetarium. At the annual dinner of the society announcement was made of the award of the Annie J. Cannon Prize to Miss Julie Vinter Hansen, of the Royal Observatory of Copenhagen, Denmark. Miss Hansen has won distinction by her work on the orbits of comets. Attendance, about 160.

SECTION ON GEOLGY AND GEOGRAPHY (E) AND AFFILIATED SOCIETIES

(From report by Howard A. Meyerhoff)

Section E held 9 sessions, starting on Dec. 27 and closing on Dec. 30. Approximately 325 persons attended the sessions in the course of the four days, although there was a marked turn-over in the audience as the subjects changed. But on at least three occasions there were more than 100 persons in attendance at an individual session.

In arranging the program the section enjoyed the cooperation of the Section on Physics (B), the Geological Society of America, the Association of American Geographers and the Philadelphia Geological Society.

On Friday morning, sections B and E met in a joint session to consider "Some Applications of Physics in the Earth Sciences," which was well attended by both physicists and geologists. It was unanimously agreed that the effort to acquaint the two groups of scientists with problems in both fields was worthwhile and successful.

The Philadelphia Geological Society sponsored a symposium on "Igneous Rocks of the Appalachian Mountains System" on Saturday and Sunday. A group of distinguished speakers participated in the program, which attracted many specialists in Appalachian geology. The Sunday afternoon session on the same subject was well attended, and discussions were both enthusiastic and vigorous.

On Saturday evening, at Bryn Mawr, Kirk Bryan delivered his retiring vice-presidential address on "The Geologic Antiquity of Man in North America." A large audience was present and attended the smoker given afterward by the Department of Geology at Bryn Mawr.

On Monday the section met jointly with the Association of American Geographers for a symposium on the "Geography of National Defense." The pertinence of the papers was such as to attract attention, and this session was unquestionably the most timely of those sponsored by the geologists and geographers. Other sessions dealt with the geology of the Atlantic Coastal Plain and with recent research on Appalachian structure, stratigraphy and sub-surface water.

SECTION ON THE ZOOLOGICAL SCIENCES (F) AND AFFILIATED SOCIETIES

(From reports by George A. Baitzell, L. V. Domn, Ernest N. Cory, Clarence E. Mickel and O. R. McCoy)

Section F (George A. Baitzell, secretary) met in joint sessions with its affiliated societies. At the annual Zoologists' Dinner (attendance, 302) Leon J. Cole, retiring vice-president for Section F, delivered his vice-presidential address on "Each After His Kind."

The American Society of Zoologists (L. V. Domn, secretary) held its 38th annual meeting Dec. 30, 1940-Jan. 1, 1941, inclusive, joining with Section F in the annual zoologists' dinner and with the Ecological Society of America in a symposium on "Population Problems in Protozoa" and with the American Society of Naturalists, the Botanical Society of America and the American Society of Plant Physiologists in a symposium on "Experimental Control of Development and Differentiation." The meeting was noteworthy for the high character of the two symposia, the large number of papers presented (182 papers read, 40 demonstrations presented and 125 papers read by title) and the large attendance at the programs (about 800 at the regular sessions).

The first joint symposium, under the leadership of Lorande L. Woodruff, consisted of 6 papers which presented a critical and lucid survey of "Population Problems in Protozoa." The importance of the subject and the eminence of the participants (Lorande L. Woodruff, G. Evelyn Hutchinson, Richard P. Hall, Willis Johnson, W. H. Taliaferro and W. C. Allee) are proved by an attendance of nearly 1,200 persons, unquestionably the largest number ever to attend a