

injure or cramp one react likewise on the other: neither can advance while the other is starved, and on this fact Professor Willstätter based his plea for more generous assistance for the German universities from chemical industry. Such assistance is now being given more freely in Great Britain, and the closer relationship between the universities and industry are undoubtedly to their common advantage.

It is easy, however, to overstress from either side the economic aspects of the relation between industry and scientific research. If there are ways in which scientific research can not compete with industry, there are still inestimable services which scientific research can render to the nation as well as to industry.

Scientific research, in its freedom from the economic motive, can do much to counteract that tendency in industry for the good to be the enemy of the best, and to secure our advance to the best of all possible solutions. Scientific research, in the widening fields opened to it by industrial developments, can use its resources to explore the byways, the economically unattractive fields from which will come in the future, as they have so often in the past, the fundamental and epoch-making discoveries. On such workers, too, in their quest of truth for truth's sake, must ever fall the responsibility of kindling and rekindling that enthusiasm and devotion to which alone nature yields her most precious secrets.—*Nature*.

## SOCIETIES AND ACADEMIES

### ANNUAL MEETING OF THE OHIO ACADEMY OF SCIENCE

THE annual meeting of the Ohio Academy of Science this year took the form of a joint meeting of the Ohio, Indiana and Kentucky Academies of Science and was held at Miami University, at Oxford, Ohio, on April 2, 3 and 4. The meeting was sponsored by the Sigma Xi Club of Miami University, which conceived the idea of inviting these three academies to visit Oxford, which is admirably situated about equidistant from the capitals of the three states. About four hundred members of the combined academies were present and a very pleasant and profitable meeting was held. Miami University, with her admirable dormitory system and commissary department, was able to handle the guests very comfortably and in a homelike manner.

On Thursday afternoon a field trip was planned and conducted into the Cincinnati area by Dr. William H. Shideler to study pre-glacial and post-glacial stream valleys. Inclement weather somewhat interfered with plans for collecting, but an interested group was in attendance. The same evening an illustrated lecture on "Traces of Early Man in Western Europe" was given by Professor F. O. Grover, of Oberlin College, followed by a social hour.

The program on Friday morning, April 3, opened with three addresses by the presidents of each of the academies. President August Foerste, of the Ohio Academy, spoke on "Ancient Life in the Arctic." President J. J. Davis, of the Indiana Academy, gave an interesting talk on "Points of Historical and Natural Interest in Indiana." This was followed by a talk by President V. F. Payne, of the Kentucky Academy, on "An Optimistic View of the Evolution of Science."

The talks of the presidents were followed by a motion picture of "The Colorado from the Air," given

by Professor A. A. L. Mathews, of Oberlin College. Many demonstrations and exhibits attracted the attention of the members for the rest of the morning as well as during the course of the meetings.

The presentation of papers occupied Friday afternoon and Saturday morning. Six sections presented 124 papers, distributed as follows: Zoology 21, botany 19, geology 27, medicine 14, psychology 15 and physical science 23. The Akron Physics Club and the Central Physics Club met with the physical science section.

Business sessions were held by the Ohio Academy as well as by the Indiana Academy. Seventy-one new members were elected.

The following officers were elected for the coming year:

*President*, Alpheus W. Smith, Ohio State University.  
*Vice-presidents*, J. Paul Visscher, Western Reserve University, *Zoology*; Arthur T. Evans, Miami University, *Botany*; E. M. Spieker, Ohio State University, *Geology*; Shiro Tashiro, University of Cincinnati, *Medical Science*; H. B. English, Antioch College, *Psychology*; F. G. Tucker, Oberlin College, *Physical Science*.

*Secretary*, Wm. H. Alexander, Weather Bureau, Columbus.

*Treasurer*, A. E. Waller, Ohio State University, Columbus.

On Friday evening a banquet was served to more than three hundred members of the participating academies. An address of welcome by President A. H. Upham, of Miami University, was responded to by the presidents of each of the academies as well as the presidents of the attending physics clubs.

Dr. Arthur T. Evans was chairman of the social committee on arrangements.

WM. H. ALEXANDER, *Secretary*  
 WEATHER BUREAU, COLUMBUS