

B-1. Mercury mines of Almaden; 1 day, starting May 26; 15 pesetas.

B-2. Orogenic, petrologic and glacial features of the Gaudarrama Mountains; 1 day (not fixed); 40 pesetas.

B-3. Motor car excursion for examination of the Continental Tertiary and Castilian Steppes of the River Tajo basin, with visit to the royal palaces and gardens at Aranjuez; 1 day; 50 pesetas.

The excursions following the congress include:

C-1. Paleozoic series and coal mining of the Asturias district, with examination of manganese mines at Cova-donga and inspection of noted tectonic, scenic and historical features en route; 6 days, starting June 1; 275 pesetas.

C-2. Iron deposits of Bilbao, especially for mining engineers; 3 days, following the Asturias excursion and starting June 8; 300 pesetas.

C-3. Potash-bearing basin of Catalonia and the central Pyrenean Mountains via Barcelona, Monserrat, Manresa, Solsona, Artesa, Isona and other points of varied geologic and historic, scenic or industrial significance; 11 days, starting June 1; 475 pesetas.

C-4. Potash basin of Catalonia and the eastern Pyrenees, with especial attention to the Cretaceous formations and the volcanic system of Olot. This excursion, which overlaps the preceding, covers the lignitic basin of Figols, the review of various Carboniferous, Triassic and Cretaceous sections, tectonic features connected with the Mediterranean region, the volcano of Lacot, and the mud volcanoes and sulphur springs in the vicinity of Castellfullit and Bañolos; 10 days, starting June 6; 400 pesetas.

C-5. The tectonics, the Triassic and Tertiary stratigraphy and paleontology, the grottoes, caves, coal mines, etc., of the Balearic Islands; 11 days, starting June 4, but overlapping on excursions C-3 and C-4 for the first three days; 430 pesetas.

It is important to note that (A) only members of the congress may participate in excursions; (B) the number of participants in each excursion is limited, on which account early applications are necessary for the completion of arrangements; (C) applications for participation in excursions preceding the congress must be in the secretary's hands on or before the first of April; (D) period of admission to excursions taking place during the congress (group B) and after the congress (group C) expires May 1; (E) the excursion fee includes the guidebook for that excursion, and all expenses, including voyages, hotel, meals, tips, etc., of the ordinary character. Excursion reservations are payable in advance.

Further information, particulars and conditions will be found in the "second circular," which is soon to be followed by a third circular covering such matters as hotels and guidebooks. All correspondence should be addressed to The Secretary of the Fourteenth Geological Congress, Instituto Geologico, Plaza de los Mostenses, 2, Madrid, Spain.

EXHIBITION OF MEDICAL EDUCATION AT CINCINNATI

UNDER the auspices of the Public Health Federation of Cincinnati and with the cooperation of the Cincinnati Academy of Medicine, the College of Medicine of the University of Cincinnati has prepared a free public exhibition of its activities, to be held during the third week in February. The exhibition is being held at the College of Medicine and is open afternoons and evenings from February 16 to 22, inclusive. It consists of static exhibitions from the various departments, of daily sessions of short educational talks on medical topics and of moving-picture shows illustrating the various phases through which a student of medicine must pass before he can accumulate enough knowledge to be fitted for the practice of his profession. The text of the exhibition is "The Physician in the Making"; the slogan: "What Medical Science means to You."

It is hoped that the public may thus be convinced of the indissoluble relationship of science and medicine; of the fact that brief courses of so-called instruction and a smattering of fallacious theory are a totally inadequate basis for an understanding of the ills that beset mankind, and that the sincerity of the medical profession may be made manifest by inviting "the man in the street" to come into a medical school and see for himself what the sciences have done and must do in order to cope with disease. The proposed exhibition is meeting with the wholehearted support of the lay press and health associations and it is hoped if it turns out successfully that medical schools in other cities will repeat this experiment.

The committees in charge of the exhibit consist of:

For the College of Medicine: Dr. N. Chandler Foot, Dr. Graeme Mitchell, Dr. Dennis E. Jackson and Dr. Edward F. Malone.

For the Academy of Medicine: Dr. Otto J. Seibert, Dr. Arthur Knight, Dr. Sam Zielonka and Dr. Charles E. Kiely.

For the Public Health Federation: Dr. T. A. Batliff, Dr. Otto P. Geier, Dr. Elizabeth Campbell, Dr. Julien E. Benjamin, Dr. Wm. S. Keller and Mr. Bleecker Marquette.

LEGISLATION AGAINST THE TEACHING OF EVOLUTION

ON January 18, Representative Grover Cleveland Johnson, of Hardin County, introduced into the Kentucky House of Representatives House Bill 96, as follows:

An act prohibiting the teaching of the evolution theory in all the universities, normals and all public schools of Kentucky, which are supported in whole or in part by the public school funds of the state, and to prohibit the hiring of such teachers and provide penalties for the violations thereof.

SECTION 1.—Be it enacted by the General Assembly of the Commonwealth of Kentucky that it shall be unlawful for any teacher in any of the universities, normals and all other public schools of the state which are supported in whole or in part by the public school funds of the state to teach any theory that denies the story of the divine creation of man as taught in the Bible, and to teach instead that man has descended from a lower order of animal.

SECTION 2.—Be it further enacted that any teacher found guilty of a violation of this act shall be found guilty of a misdemeanor and upon conviction shall be fined not less than \$100 or more than \$500 for each offense.

SECTION 3.—Be it further enacted that any person or persons hiring any teacher, knowing that said teacher hired is intending to teach any theory that denies the story of the divine creation of man as taught in the Bible shall be found guilty of a misdemeanor and upon conviction shall be fined not less than \$100 or more than \$500 for each offense.

According to the daily press the indications are that this bill will not be passed by the legislature.

The Mississippi House of Representatives passed on February 8, by a vote of 76 to 32, a bill to prevent teaching in state-supported schools the theory that man descended from a lower order of animals. The senate has not yet voted on the bill.

THE AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

THE American Institute of Electrical Engineers held its mid-winter meeting last week in the Engineering Societies Building, New York, with a total registration of about 1,500. President M. I. Pupin called the convention to order on Monday. He spoke briefly, dwelling on the tendency of technical and scientific men, whatever their specialty, to draw closer together.

On Monday afternoon a transmission session, with five papers, was held, and on Monday evening there were three papers on dielectrics and insulation, contributed, respectively, by Professors J. B. Whitehead, of the Johns Hopkins University; V. Karapetoff, of Cornell University, and C. L. Dawes (assisted by P. L. Hoover), of Harvard University. Tuesday morning the program included six papers on protection, control and bus construction, parallel sessions in the afternoon covering electrical machinery (four papers) and communication and sound reproduction (four). The paper by W. G. Baker and C. W. Rice, of the General Electric Company, on "Refraction of Short Radio Waves in the Upper Atmosphere" was an outstanding feature of Tuesday's proceedings. Another series of four papers on electrical machinery occupied Wednesday morning, the afternoon being given over to trips of inspection and the annual dinner-

dance at the Hotel Astor occupying the evening. Electromagnetism and electrophysics supplied the topics for Thursday morning's four papers, and five papers on measurements (machinery and industrial) in the afternoon closed the technical program.

There was the "smoker" on Tuesday evening. On Thursday evening the program embraced a public meeting in the auditorium, with illustrated lectures by Dr. Alexis Carrel, member of the Rockefeller Institute for Medical Research, on "Some Modern Developments of Biological Research," and by Major Allen Carpe, of the American Alpine Club, on "The Ascent of Mount Logan."

THE SOUTHWESTERN DIVISION OF THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

THE seventh annual meeting was held at Phoenix, Arizona, on February 15, 16, 17 and 18. The tentative program was as follows:

Monday, February 15, 1926.

9:00-10:00 A. M.—Registration.

10:00—Opening Session.

Invocation, The Reverend H. A. Ingham.

Address of Welcome, The Honorable G. W. P. Hunt, Governor.

Response, Dr. T. D. A. Cockerell.

Address: "Science Progress in 1925," Professor Ernest Anderson.

12:00—Luncheon.

Symposium: Topic, "Important Movements in Research," Dr. D. T. MacDougal, *chairman*.

2:00—Section Meetings.

3:30—Excursion to Tempe Date Farm.

8:00—General Session:

President's Address, "The Duty of Biology," Dr. T. D. A. Cockerell.

Tuesday, February 16, 1926.

9:30-11:30—Section Meetings.

12:00—Luncheon.

Symposium: Topic, "Present Status of American Arts Colleges," Dr. F. C. Lockwood, *chairman*.

2:00-4:00—General Sessions:

Symposium: "The Future of the Natural Resources of the Southwest."

4:00—Excursion to Papago Saguaro National Park.

"The Flora," Dr. Forrest Shreve.

"The Fauna," Dr. Charles T. Vorhies.

6:30—Informal Dinner, Hotel Adams.

8:00—General Session:

A lecture on astronomy, delivered by Professor Moulton, in Chicago, transmitted by long distance telephone, as arranged by Dr. Pupin, retiring president of the American Association.

Illustrated Address, "Student Life at Oxford," by Dr. Frank C. Lockwood.