

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.

9:30-11:30—Section Meetings.

(Sections select chairmen for next meeting at this session.)

12:00—Luncheon.

Symposium: Topic, "Interpretation of Unwritten History," Dr. Edgar L. Hewett, *chairman*.

2:00—Group Photograph.

2:00-4:00—General Session:

"Cuicuilco and the Archaic Culture of Mexico" (illustrated), Dr. Byron Cummings.

"Roman Jews in 'Terra Calalus' America from 775 to 900 A. D.," Professor C. L. Sarle.

4:00—Special entertainment for the visiting ladies.

6:30—Dinner, Medical Section, Country Club.

8:00—General Session:

Symposium: "Colorado River"—Sub-topics: Watershed, Cañon, Delta, Utilization of Colorado River.

Thursday, February 18, 1926.

9:00-10:30—Section Meetings.

(Excepting Education, which meets only three days.)

10:30-12:00—Business Meeting.

12:00—Luncheon.

Symposium: Topic, "Radiation," Dr. O. C. Lester, *chairman*.

2:00—General Session:

Symposium on general subject of Radiation.

Friday, February 19, 1926.

All day Archeological Excursion, conducted by Dr. O. A. Turney.

There was an exhibit of archeological, biological, chemical and other material open 9 a. m. to 5 p. m. daily. An unusual amount of very interesting material was included.

SCIENTIFIC NOTES AND NEWS

THE council of the Geological Society has made the following awards: Wollaston Medal to Dr. Henry Fairfield Osborn, of the American Museum of Natural History; Murchison Medal to Dr. William S. Boulton, professor of geology in the University of Birmingham; Lyell Medal to Dr. O. T. Jones, professor of geology in the University of Manchester; Wollaston Fund to A. L. Leach; Murchison Fund to W. S. Bisat; Lyell Fund to F. Raw and A. F. Hallimond.

THE faculty of medicine of the University of Toronto has awarded the Charles Mickle Fellowship for 1924 to Dr. August Krogh, professor of animal physiology in the University of Copenhagen, "on account of the far-reaching conclusions with regard to capillary circulation and the oxygen supply of the tissues which have been the outcome of his researches during the last ten years." The value of the prize is about \$1,300; previous awards have been made to Sir James

Mackenzie, Dr. Frederick G. Banting, Dr. Harvey Cushing and Professor I. P. Pawlow.

DR. ROSS G. HARRISON, professor of comparative anatomy at Yale University, will give four lectures under the Edward K. Dunham lectureship at the Harvard Medical School on February 24, 26, March 1 and March 3 at five o'clock. The subject of Dr. Harrison's lectures will be "Recent Advances in Experimental Embryology."

DR. HERBERT E. IVES, of the Bell Telephone Laboratories, past president of the Optical Society of America, has been elected a foreign fellow of the Optical Society of London.

THE Collier trophy, awarded annually by the National Aeronautic Association for the greatest achievement in aviation in the United States, has been presented to Dr. S. Albert Reed, of New York, for development of the high-speed Reed metal propeller.

THE Rivers Memorial Medal for anthropological work in the field for 1925 has been awarded by the council of the Royal Anthropological Institute to Professor C. G. Seligman for work in New Guinea, Ceylon and the Sudan.

COLONEL R. B. CRUMPTON, English electrical engineer, has been awarded the Faraday Medal of the Institution of Electrical Engineers.

LIEUTENANT-COLONEL E. GOLD, assistant director of the Meteorological Office, England, was presented with the Symons gold medal of the Royal Meteorological Society at its annual meeting on January 20.

PROFESSOR PAUL SABATIER, professor of chemistry in the University of Toulouse, and Professor E. L. Bouvier, professor of zoology (entomology) in the National Museum of Natural History, Paris, have been elected associates of the division of sciences of the Royal Academy of Sciences, Letters and Art, of Belgium; Professor Mare de Sélys Longchamps, of the University of Brussels, has been elected a corresponding member of the academy.

DR. JOHANN POHLIG, professor of geology and paleontology at the University of Bonn, recently celebrated his seventy-fifth birthday.

PROFESSOR OTTO DIELS, head of the department of chemistry at the University of Kiel, celebrated his fiftieth birthday on January 23.

PROFESSOR HARRIS J. RYAN, of Stanford University, was recently honored by the establishment of the Harris J. Ryan laboratory at the university, which is being financed and equipped by a number of electric and power companies. It is hoped ultimately to spend from \$400,000 to \$500,000 on the laboratory.