

ments for the meeting with the anthropologists for the discussion of questions of educational research have been described under Section H.

The joint discussion with the chemistry section on the neglect of science in commerce and industry will be opened by Mr. R. Blair, the Education Officer of the London County Council, and Professor Bovey, F.R.S., Principal E. H. Griffiths, F.R.S., Sir William Tilden, F.R.S., and others have promised to take part. This will be in the afternoon of Monday, September 5.

The joint meeting of the physiologists for the discussion of voice production will occupy the afternoon of the following day, and papers have been promised by Dr. A. A. Gray, Principal Barrell, of Isleworth, Professor Wesley Mills, Mr. W. H. Griffiths and Miss Ormée, of Sheffield. Within the section itself will be discussions on hand-work and science in elementary schools, to be opened by Mr. J. G. Legge, director of education in Liverpool; and open-air studies in schools of normal type, to which contributions have been promised by Mr. J. E. Feasey, of Sheffield, Mr. G. G. Lewis, of Kentish Town, and Professor Mark R. Wright, of Newcastle-on-Tyne ("A Training College under Canvas").

In accordance with the usual practise, visits to schools and other educational institutions of interest will be arranged during the meeting.

THE ASSOCIATION OF OFFICIAL AGRICULTURAL CHEMISTS

THE twenty-seventh convention of the Association of Official Agricultural Chemists will be held in Washington, D. C., at the Raleigh Hotel, opening on November 10, at 9 o'clock. As the hotel will provide a large hall on the top floor of the building for the convention, as well as other facilities for the meeting, it is urged that the members make the Raleigh their headquarters, if possible, and reserve their rooms a few days in advance.

ORDER OF BUSINESS

Thursday, November 10.

Morning session: Phosphoric acid; Nitrogen; Potash; Soils; Inorganic plant constituents.

Afternoon session: Appointment of committees (resolutions, etc.); Insecticides; Water; Committee A on recommendations of referees; reports of special committees—(amendments to constitution; appropriation; availability of phosphoric acid; compilation of by-laws; food standards; unification of terms; standardization of alcohol tables; testing of chemical reagents; unification of methods of analysis of fats and oils).

Friday, November 11.

Morning session: Food adulteration (reports to be called for in order given in list of associate referees).

President's address (special order for 12 o'clock).

Afternoon session: Food adulteration continued. Separation of nitrogenous bodies (meat proteids; milk and cheese proteids; vegetable proteids). Committee C on recommendations of referees.

Saturday, November 12.

Morning session: Dairy products; foods and feeding stuffs; Sugar (chemical methods and molasses methods); Committee B on recommendations of referees; committees (resolutions, constitution, etc.); Tannin.

Afternoon session: Drugs and medicinal plants.

H. W. WILEY,
Secretary

WASHINGTON, D. C.,
August 13, 1909

SCIENTIFIC NOTES AND NEWS

PROFESSOR EDWARD C. PICKERING, director of the Harvard Observatory, was reelected president of the Astronomical and Astrophysical Society of America at the meeting held in Cambridge on August 19. The other officers of the society, also reelected for the ensuing year, are: *First Vice-president*, George C. Comstock, University of Wisconsin; *Second Vice-president*, W. W. Campbell, director of