

Burton dealing with the place of the agricultural instructor. A third discussion on Bacterial Diseases in Plants will be opened by Professor M. C. Potter and further contributions to the consideration of the question have been promised by Mr. H. Priestley (Bacterial Diseases of Swedes and Celery), Mr. F. T. Brooks (Bacterial Gum Diseases), Dr. G. H. Pethybridge (Bacterial Disease of the Potato Plant in Ireland), Mr. G. T. Malthouse (Experiments on the Wart Disease of Potatoes), and Mr. A. Horn (Potato Disease). A popular lecture by Mr. A. D. Hall will discuss the soils and farming of the South Downs. Papers will also be contributed by Professor A. T. Wood, on "The Inheritance of Strength in Wheat"; Mr. B. T. P. Parker and Mr. V. F. Hillier, on "Cider Sickness"; Mr. S. U. Pickering, on "The Effects of Grass on Apple Trees"; Mr. J. H. Priestley and Mr. R. C. Knight, on "The Effect of High Tension Electric Discharges and Current Electricity on Plant Respiration"; Mr. C. C. Hurst, on "The Application of Genetics to Horse-breeding"; Mr. J. Wilson, on "The Inheritance of Milk Yield in Cattle"; Mr. J. Hindrick, on "The Effects of Ventilation on the Temperature and Carbon Dioxide of the Air of Byres"; Mr. J. Porter, on "Suggestions Relating to the Existing System of Imperial Avoirdupois Weights."

Bishop Welldon will preside over Section L (Educational Science), and proposes to take in his presidential address a general review of the existing educational system in Great Britain, particularly in England, with a view of suggesting some reforms in education, elementary, secondary and academical. He has been directly associated at different times with each of these three branches of education, as a fellow and tutor of his college, as headmaster of two public schools, and as a member of an education committee since he went to Manchester. His views will, therefore, be comprehensive in character, though necessarily he will be able to indicate only a few of the reforms which might be considered desirable in our educational system.

#### *AUTOMATIC INCREASES IN SALARIES AT THE UNIVERSITY OF CALIFORNIA*

THE regents on May 9 confirmed the following recommendation of the Finance Committee:

That it be of record that with the adoption of the budget for 1909-10, the regents inaugurated a system of automatic increases in salaries, whereby an instructor's salary is increased automatically \$100 per year from \$1,000 to \$1,500, and the salaries of assistant professors \$100 a year from \$1,600 up to \$2,000; and that the automatic increases do not apply to members of the faculty below the rank of instructor, nor above the rank of assistant professor, and that there is no automatic increase after instructors have arrived at a salary of \$1,500, and after assistant professors have arrived at a salary of \$2,000; further, that increases are not automatic in salaries of members of the faculty who are on part time only, as, for instance, certain members of the departments of architecture and law, nor in the case of the affiliated colleges, the department of agriculture, the Wilmerding School, etc.; nor in the case of instructors and assistant professors for a year of absence on leave, the two-thirds salary while on leave being based normally on the salary of the previous year, unincreased; and, further, that increases may, of course, be given in the cases cited above, in which no automatic increase is due as of right. Larger increases than of \$100 are of course sometimes made at the discretion of the president, with the approval of the regents.

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#### *SCIENTIFIC NOTES AND NEWS*

THE Paris Academy of Sciences has awarded its Lalande Prize to Dr. Lewis Boss. Its general prizes, each of the value of \$2,000, have been awarded to M. Jules Tannery, of Paris, for his mathematical publications, and to M. Déperet, of Lyons, for his geological publications.

THE Paris Academy has elected corresponding members as follows: Professor Levi-Civita, of the University of Padua, in the section of mechanics; Dr. Paul Wagner, director