

Middletown. The results and their recommendations have now been printed in a pamphlet with an introductory article by Professor Winslow.

### UNIVERSITY AND EDUCATIONAL NEWS

PLANS are announced for the establishment of a new college for political science in New York City, for which it is said that an annual income of \$150,000 is largely secured. The faculty will elect not only the professors but also the trustees, and it is intended that the fullest freedom of teaching and of research shall be given to the professors.

MR. WILLIAM H. PORTER, of New York, has given \$50,000 to Middlebury College, to build a hospital.

By opening its school of medicine to women on the same terms as to men Washington University becomes coeducational in all its departments, similar change having been ordered a few weeks since in the school of dentistry.

It is announced that McGill University hereafter will admit women to the study of medicine and dentistry.

DR. HERBERT E. HAWKES, professor of mathematics, who has been acting dean of Columbia College during the absence on leave of Dr. F. P. Keppel, has been appointed by the trustees to be dean of the college, Dr. Keppel having resigned to accept the third assistant secretaryship of war.

DR. FLORIAN CAJORI has resigned his position of dean of the department of engineering and professor of mathematics at Colorado College, and has accepted the appointment as professor of the history of mathematics in the University of California.

PROFESSOR OTTO GLASER, of the University of Michigan, has been appointed professor of biology at Amherst College.

### DISCUSSION AND CORRESPONDENCE PROPOSED MAGNETIC AND ALLIED OBSERVATIONS DURING THE TOTAL SOLAR ECLIPSE OF JUNE 8, 1918

SPECIAL magnetic and allied observations will be made at various points inside and out-

side the shadow belt of the coming total solar eclipse, by the department of terrestrial magnetism of the Carnegie Institution of Washington, the Coast and Geodetic Survey, and some other institutions and individuals who have offered their cooperation.

The general scheme of work proposed by the Carnegie Institution Department of Terrestrial Magnetism embraces the following:

1. Simultaneous magnetic observations of any or all of the elements according to the instruments at the observer's disposal, every minute from June 8, 1918, 7 P.M. to 1 A.M., June 9, Greenwich civil mean time, or from June 8, 7<sup>h</sup> to 13<sup>h</sup> Greenwich astronomical mean time.

(To insure the highest degree of accuracy, the observer should begin work early enough to have everything in complete readiness in proper time. See precautions taken in previous eclipse work as described in the journal *Terrestrial Magnetism*, Vol. V., page 146, and Vol. VII., page 16. *Past experience has shown it to be essential that the same observer make the readings throughout the entire interval.*)

2. At magnetic observatories, all necessary precautions should be taken to insure that the self-recording instruments will be in good operation not only during the proposed interval but also for some time before and after, and eye-readings should be taken in addition wherever it is possible and convenient. (*It is recommended that, in general, the magnetograph be run on the usual speed throughout the interval, and that, if a change in recording speed be made, every precaution possible be taken to guard against instrumental changes likely to affect the continuity of the base line.*)

3. Atmospheric-electric observations should be made to the extent possible with the observer's equipment and personnel at his disposal.

4. Meteorological observations in accordance with the observer's equipment should be made at convenient periods (as short as possible) throughout the interval. It is suggested that, at least, temperature be read every fifth minute (directly after the magnetic reading for that minute).