

8. We declare further that, granted equal character and efficiency, and equally successful experience, women are equally entitled with men to the honors and emoluments of the profession of teaching.

9. We advocate the enactment and rigid enforcement of appropriate laws relating to child labor, such as will protect the mental, moral and physical well-being of the child, and will be conducive to his educational development into American citizenship.

10. The responsibility for the success or failure of the schools rests wholly with the people and therefore the public schools should be kept as near to the people as practicable; to this end we endorse the principle of popular local self-government in all school matters.

11. Since education is a matter of the highest public concern, our public school system should be fully and adequately supported by taxation; and tax laws should be honestly and rigidly enforced both as to assessment and collection.

12. We congratulate and thank the management of the Louisiana Purchase Exposition for giving education first place in the scheme of classification, for the location and grandeur of its building, and for the extent and arrangement of the educational exhibits. Such recognition of education is in harmony with the genius of our democracy and will stimulate interest in popular education throughout the world.

APPEAL FOR COOPERATION IN MAGNETIC
AND ALLIED OBSERVATIONS DURING
THE TOTAL SOLAR ECLIPSE OF
AUGUST 29-30, 1905.

THOSE who are in position to take part in above cooperative work are earnestly requested to make the necessary preparations and to put themselves in communication with the undersigned.

As this will be the best opportunity for some time to come to further test and observe the magnetic and electric phenomena which have been found to occur in connection with total solar eclipses, and as these phenomena are destined to play an important rôle in the theory of the variations of the earth's magnetism and

electricity, ascribed to outside forces, it is very much hoped that all countries through which or near which the belt of totality passes will organize and send in the field observing parties.

Owing to the minuteness of the expected magnetic effect, the burden of proof as to its association with the eclipse will largely consist, as in the two previous eclipses, in the connection of the times of the magnetic effects with the times of passage of the shadow cone at the various stations. The observing parties, therefore, should be distributed at intervals along as much of the entire belt as possible.

The above is merely a preliminary notification of the work proposed. Fuller details and suggested directions to be followed will be given later.

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THE COTTON BOLL WEEVIL.

LAST year the chief of the Bureau of Plant Industry prepared, by direction of the secretary, a general plan of work to meet the damage caused by the Mexican cotton boll weevil. With this plan as a basis, the sum of \$250,000 was appropriated and became available early in February of this year. The work was divided in the department, part being assigned by the secretary to the Bureau of Plant Industry, and part to the Bureau of Entomology. During the summer the investigations have been pushed forward vigorously by both branches of the department. The department has cooperated with state authorities in locating and taking action upon sporadic outbreaks of the weevil. The farmers in the state of Texas have been thoroughly organized and more than 5,000 have grown cotton under the improved conditions recommended by the department. This work has been in charge of Dr. S. A. Knapp, of the Bureau of Plant Industry, with headquarters at Houston. Extensive work on the improvement of varieties has been inaugurated, the work being conducted by the Bureau of Plant Industry mainly at Terrell, Texas. In order to encour-