ONTARIO MATHEMATICAL AND PHYSICAL ASSOCIATION.

The annual meeting of the Mathematical and Physical Section of the Ontario Educational Association was held April 13 and 14 in the University of Toronto.

The following program was carried out:

Report of Text-book Committee.

President's Address, "A Study after the Manner of Plato," Mr. Wilson Taylor, Chatham Coll. Inst.

Paper, "Mathematical Fallacies," Mr. T. Kennedy, N. W. High School, Toronto.

Discussion, "Entrance to Normal School Algebra Paper of 1908," led by R. Wightman, Harbord St. Coll. Inst., Toronto.

Address, "A View of Education as Applied to Geometry," Prof. Matheson, Queen's University, Kingston.

The following were elected officers for 1909-10:

Hon. President, W. Taylor, Chatham Coll. Inst.

President, J. D. Dickson, Niagara Falls Coll. Inst.

Vice-president, Jno. Elliott, Bowmanville High School.

Sec'y-Treas., T. Kennedy, N. W. High School, Toronto.

Councillors, J. T. Crawford, W. W. Nichol, J. S. Wren, E. T. Seaton, L. W. Sprung.

H. T. R.

SOUTHERN CALIFORNIA SCIENCE ASSOCIATION.

The second general meeting of this Association was held at the University of Southern California, Los Angeles, on Saturday, April 24. It proved to be one of great interest and most successful in point of attendance.

The program for the morning session included two musical numbers by Prof. W. R. Bowker, the invocation offered by the Rev. E. J. Inwood, and an address of welcome by Prof. F. E. Owen, in the place of President Bovard, who had been called from the city. Rev. Matt S. Hughes of the First Methodist Church, Pasadena, delivered the principal address of the meeting, his subject being, "Pulpit and Laboratory." This was a most interesting presentation of what scientific method and laboratory instruction had brought to the speaker. In concluding his address, he stated that there seemed only one thing that a man, as minister, can do in these present days; when truth comes from any direction to accept it and give God thanks.

Opportunity presenting, a short business session was held before adjournment for luncheon.

The afternoon session was devoted to the consideration of "Accessories to Successful Science Teaching," from the standpoint of Chemistry, Physics, Physical Geography, and Biology.

At the close of the program, the business session was resumed. The principal matter of business was the adoption of a revised constitution, which, when ratified by the Southern California Association of Mathematics Teachers, will make operative a merger of the two associations under the name of the Southern California Science and Mathematics Association.

The committee on bibliography reported progress in collecting data on the scientific periodicals available in our territory, and the committee on the general science course is at present working on a preliminary statement to form the basis for a more detailed consideration of such a course.

Six applications for membership were acted upon favorably, making a total of about fifty.

H. T. CLIFTON, Sec'y, Pasadena, Cal.

REPORT OF MEETING OF THE NORTHEASTERN OHIO ASSOCIATION OF SCIENCE AND MATHEMATICS TEACHERS.

(Affiliated with Central Association).

On April 24 a meeting of this association was held in the new Technical High School at Cleveland, O., the use of which was generously granted us by Principal James F. Barker. The morning session, presided over by President Philip E. Graber of South High School, Cleveland, was devoted principally to three excellent papers.

1. "The Relation of Reading to Science and Mathematics," presented by Mr. D. C. Rybolt, Principal of Akron High School, in which was shown the great importance of real reading when pupils are preparing lessons in almost any subject.

2. "Grammar School Arithmetic," presented by Mr. William H. Elson, superintendent of Cleveland schools.

In this paper Mr. Elson discussed the amount of time spent by pupils in the fundamental studies, the newest methods of teaching arithmetic in the grades, and the better results obtained now.

3. "Benefits of High School Visitation," by Professor George R. Twiss, High School Inspector for Ohio State University. In this discussion Mr. Twiss pointed out the great benefits he had derived, and those which schools and teachers had derived from his visits and his frank criticisms or commendation of existing conditions.

After a good dinner, served in the school dining room, Principal Barker conducted a tour of inspection a mile and a quarter in length through the wonderful \$500,000 Technical High School which was completed last fall and is now in use day and night.

The principal address of the afternoon session was delivered by Professor H. E. Slaught of the University of Chicago, entitled "The Humanizing of High School Mathematics." It was a splendid paper helping us all to see the general faults of most mathematics teachers and at the same time showing us how to do better and more helpful work with our pupils.

In the Science Section a paper was read by Miss Nellie Canfield of Central High School, Cleveland, entitled, "Should There be a Course in Physics especially for Girls?"

In the Mathematics Section Miss Ethel Sowers of Central High School discussed the Algebra Report submitted to Central Association at Chicago in November, 1908.

Ralph A. Brown, Secretary.