

paper of his series on "The Nature and Method of Revelation," describes the differentiating of Christianity from Judaism, and devotes a good deal of space to the work of the Apostle Paul. Professor Fisher says that Paul "took a stand at Jerusalem like that which Luther took at Worms." He adds that "but for Paul there would have been no Luther." The *Popular Science Monthly*, for February, has many valuable articles on scientific and educational subjects. An editorial on "Useful Ignorance" advises sparing sowing of educational seed, as there is no way of thinning out crowded intellectual growths. *Grip* began its thirty-fourth volume with the new year, which means that this brave little journal has celebrated its *seventeenth* birthday. *Grip* has well deserved its success. It is not merely a clever and amusing paper, it is also a recognized power in Canadian public life, and a power which, we are glad to say, is always on the right side where questions of moral principle are concerned. It ought to be a pleasure to every Canadian to contribute to the success of such a journal, and the most practical way of doing this is by subscribing. The price is only two dollars per year. Subscriptions may be sent direct to *Grip*, Toronto. The *Scientific American* publishes a special monthly edition in Spanish for the benefit for its readers in Central and South America—a further proof of the popularity of that journal. The *N. Y. Teacher* is an ably conducted journal, whose articles are excellent in tone and worth reading. The first February number of *Garden and Forest* contains an article on the Heath Plant, its whereabouts in North America.

#### LITERARY NOTES.

A neat little booklet printed by Messrs. J. & A. MacMillan, St. John, during the holiday season, contained a few of the poems of Mr. H. L. Spencer (Enylla Allyne). But the friends of the poet missed many of their favorites from the collection, and they will be glad to know that a larger volume will shortly be published, under the poet's own supervision, containing all the sonnets and lyrics which he cares to have preserved.

"Plant Organization," by R. Halseed Ward, M.D., F.R.H.S., Professor of Botany in the Rensselaer Polytechnic Institute, Troy, N. Y., is shortly to be published by Ginn & Co., Boston. It is a guide to the study of plants. It consists of a synoptical review of the general structure and morphology of plants, clearly drawn out according to biological principles, fully illustrated, and accompanied by a set of blanks for writing exercises by pupils. It also provides for some easy microscopical work, if desired. Though requiring a very thorough study and exact understanding of the plants which may be selected for study, the work is so systematized and simplified as to be adapted to the use of beginners, in connection with personal instruction or with any text-book of botany however elementary, and either with or without the employment of technical botanical terms. The work, which is designed for private students or for classes in academies, seminaries, high schools, etc., is now issued in a second and revised edition after having proved its value.

#### NOVA SCOTIA SUMMER SCHOOL OF SCIENCE.

The Fourth Annual Session of the Nova Scotia Summer School of Science will be held at Parrsboro, N.S., from July 21st to August 2nd, 1890. Opening address in the Skating Rink, July 21st, 7.30 p. m.

The course of study includes:

- ZOOLOGY, 8 lectures—By Principal A. H. MacKay, Halifax Academy; assisted by———.
- BOTANY, 8 lectures—By Inspector Lay, Amherst; assisted by Principal Creighton, Compton Avenue School, Halifax.
- MINERALOGY, 8 lectures—By A. J. Pineo, A. M., Truro; assisted by Miss Mary Dwyer, St. Mary's School, Halifax.
- PHYSICS, 8 lectures—By Principal E. McKay, New Glasgow.
- CHEMISTRY, 8 lectures—By Prof. A. E. Coldwell, Acadia College, Wolfville; assisted by W. E. Kennedy, Esq., Halifax Academy.
- PHYSIOLOGY, 8 lectures—By Prof. Burwash, Mt. Allison College, Sackville.
- GEOLOGY, 4 lectures—By Prof. Kennedy, Kings College, Windsor.
- ASTRONOMY, 4 lectures—By Principal Cameron, Yarmouth Academy.
- TONIC SOL-FA—By Miss A. F. Ryan, St. Mary's School, Halifax.
- ELOCUTION—By Miss H. E. Wallace, Acadia Seminary, Wolfville.
- MODERN LANGUAGES—By Herr Lothar Bober, Halifax.

It is only in very exceptional circumstances that teachers and science students can take a holiday excursion so cheap, so profitable, and so delightful and refreshing as that here offered. Class fees from \$2.00 to \$6.00; board, \$6.00, with free or one-third return tickets. For a person living 100 miles from Parrsboro, \$15.00 will easily cover necessary expenses—including apparatus, etc.

Laboratory and Field work will be made the basis of all the science teaching.

There will be an opportunity of acquiring a theoretical and practical knowledge of Tonic Sol-fa.

The talented elocutionist of Acadia Seminary has consented to give a course of lessons on "Voice Culture and the Teaching of Reading."

Herr Lothar Bober, whose classes include the leading elocutionists of Halifax and Truro, and who is most favorably known in Fredericton and St. John, will illustrate the true method of acquiring a conversational mastery of modern languages.

The attention of teachers and science students in the Maritime Provinces is invited to the professional and practical advantages of this Summer School.

For a calendar giving full particulars regarding text-books, their cost, apparatus, etc., recommendations from the lecturers, etc., address

A. H. MACKAY,  
Secretary Summer School of Science,  
Halifax, N. S.

Halifax, 7th February, 1890.