

or two, on the nature and object of the course, the rules of philosophising, and the general properties of matter; the Professor proceeded to discuss the following subjects:—1, Attraction of gravitation; 2, Electricity; 3, Magnetism; 4, Galvanism; 5, Magneto-Electricity; 6, Electro-Magnetism; 7, Thermo-Electricity; 8, Dynamics, including laws of motion and mechanical powers; 9, Pneumatics; 10, Hydro-dynamics, including Hydrostatics and Hydraulics; 11, Optics, including Dioptrics, and Catoptrics, Chromatics and Polarization; 12, Heat; 13, Chemistry. From this enumeration, it will be seen, that a very thorough system of Natural Philosophy is brought under the review of our students; and the Board have particularly marked the efforts which the Professor is making to keep his course up to the improvements and discoveries of the present day.—The whole course was illustrated with experiments. And here the Board would press upon the attention of Synod, the necessity of adding to their apparatus, as there are not a few experiments highly interesting and instructive which can with difficulty be performed with the present apparatus, and some that cannot be performed at all. Upon the whole, the Board have to express their thorough satisfaction, and they have every reason to hope that the Synod will be thoroughly satisfied also, with this very necessary and useful institution of our Church.

SEMINARY—1853.

The Session of the Seminary for 1853 was opened in the Meeting House, West River, on Wednesday March 2d. The Board were in attendance. The Professor delivered a lecture on "the Freedom of the Will." At the close of the lecture the students were addressed by the ministers present. Twelve students were enrolled, three of whom were admitted for the first time. The qualifications of the students admitted, were found on examination, to be of a much higher order on this than on former years. This was peculiarly gratifying to the Board, particularly as the improvement made may, to no small extent, be traced up to the influence of the Seminary itself.

As to the state of the Seminary at present, and the progress which the several classes have made so far as the

session has gone, the Report of Professor Ross will be sufficiently satisfactory.

Report of Professor Ross.—The number of students whose names have been entered upon the Matriculation Book, for the Term commencing March 1853, is 15. Of this number, 4 have entered for the first time. The number in attendance upon the Junior Latin and Greek Classes is 10. In the Senior Latin and Greek Classes 5 are in attendance. The Junior Latin Class has read 60 chapters of the Jugurthine war.—The Junior Greek Class have read 35 pages of the 1st vol. of the *Majora*, containing extracts from Herodotus and most of the extracts from Thucydides. The Senior Latin Class has read 45 chapters of the 1st book of Livy. The Senior Greek Class has read 24 pages of the 1st vol. of the *Majora* containing extracts from the first Philippic, and the first and second Olynthiac of Demosthenes, and 34 pages of the second vol. of the *Majora* containing extracts from the *Odyssey* of Homer. Wednesdays and Saturdays are devoted to Mair's Introduction to Latin Syntax, the Greek Grammar, and Fisks' Greek exercises. In Mair's Introduction we have gone over most of the Greek Grammar and about 150 sentences in the Greek exercises. In the Senior Mathematic Class we have read 24 Propositions in the 6th book of Euclid; and in the Junior Class 28 Propositions in the first book. In Algebra, the farthest advanced student has gone through equidifferent progression; another has nearly completed quadratic equations; several have advanced through fractions, while others have not yet mastered division. The Mathematic & Algebra Classes meet only on alternate days. The Logic class, containing 6 students, have gone through the first part of the course, and have made some progress in the second. The mental power at present under discussion, is Judgment. Each of the students in this class has written several essays.—The Moral Philosophy Class numbers 8 students. During the first part of the term, we went through the latter part of Murray's exercises in Composition. A few days were devoted to Elocution. We have gone through the first part of Moral Philosophy and have entered upon the second. The existence of the Deity was the topic under discussion when the Classes were dismissed. The