

there are now eight Pasteur Institutes in France; arranged according to the dates of their establishment, they are those of Paris, Algiers, Tunis, Montpellier, Marseilles, Bordeaux, Lille, Lyons. The last was opened on the first day of this year. There are five like institutes in Italy (Bologna, Milan, Naples, Palermo, Turin), two in Austria-Hungary (Vienna and Buda-Pesth), seven in Russia (St. Petersburg, Moscow, Samara, Kharkof, Warsaw, Odessa, Tiflis), two in the Ottoman Empire (Constantinople, Aleppo), one in Roumania (Bucharest), and one in Malta.

'VARIATIONS and Regeneration in *Synapta inhaerus*' on page 178 of the number of *SCIENCE* for February 2, 1900, should have the name of the author, Professor Charles L. Edwards, attached to it.

UNIVERSITY AND EDUCATIONAL NEWS.

PLANS for a botanical laboratory to cost over \$100,000 have been submitted to the Senate of Cambridge University.

THE new wing of the engineering laboratory at Cambridge University, erected in memory of the late Dr. John Hopkinson by his widow and family, was formally opened on February 2d by Lord Kelvin; and at the same time a portrait of Dr. Hopkinson was unveiled.

ST. LAWRENCE UNIVERSITY has recently received a gift of \$24,000 from a friend of that institution.

THE Massachusetts Institute of Technology offers a new course in landscape architecture which, as provisionally laid out, includes in the second year horticulture, elementary architectural design, shades and shadows, perspective, freehand drawing, surveying, topographical drawing and dynamical geology, with the usual general courses in physics, language and history. In the third year the same general lines of work will be followed, with work in horticulture at the Arnold Arboretum, architectural and landscape design, architectural history, freehand drawing and pen and ink, stadia and plane table surveying, curves and earth-work, highway engineering and structural geology. In the fourth year, landscape architecture and de-

sign and horticulture will be the main features, with courses in sanitary engineering and drainage, building stones and sanitary science, history of ornament, life class, modeling, pen and ink, water color, specifications and working drawings and business relations. An arrangement has been made with the director, Prof. C. S. Sargent, of the Arnold Arboretum, by which students will receive a part of their instruction there, particularly in all that relates to planting and the use of plants and trees. With this work at the Arboretum will be combined a series of excursions to neighboring parks and country places in order to study examples of planting and design. The special instruction in landscape design will be conducted by Mr. Guy Lowell a graduate in the class of 1894, who has since taken the diploma of the *École des Beaux Arts* with distinction, and has made a special study of landscape architecture in Europe.

THE course of landscape architecture, at Harvard University, the establishment of which we recently announced, has been placed under the direction of Mr. Frederic Law Olmsted, Jr. He will be assisted by Mr. Arthur A. Shurtleff.

THE Technical Education Board of the London County Council offers two scholarships of £150 each to teachers in schools. They are tenable from Easter to Christmas 1900, and enable the holder to visit the continent and study methods of teaching modern languages in commercial schools.

THE foundation of a chair of American Archaeology at the University of Berlin by the Duke of Loubat, has given a great impetus to the development of the teaching of anthropology at that University. Recently it has been announced that Adolf Bastian has been made Professor Ordinarius of Ethnology. This has been followed by the announcement of the appointment of Dr. Felix von Luschan as Professor (extraordinarius) of Anthropology.

NICHOLS KNIGHT, Ph.D., of Syracuse University, has been appointed professor of chemistry at Cornell College, Mt. Vernon, Ia.

JUNE E. DOWNEY, A.M. (Chicago), has been appointed instructor in psychology at the University of Wyoming.