SCIENCE

A WEEKLY JOURNAL DEVOTED TO THE ADVANCEMENT OF SCIENCE, PUBLISHING THE OFFICIAL NOTICES AND PROCEEDINGS OF THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE.

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MSS. intended for publication and books, etc., intended for review should be sent to the Editor of Science, Garrison-on-Hudson, N. Y.

RESEMBLANCES AND DIFFERENCES AMONG AMERICAN UNIVERSITIES.¹

THE American colleges and universities seem to the public and to their own constituencies to be very different; but as a matter of fact they are much alike, and what is more, they exhibit in a striking degree the same tendencies. In durable institutions tendency is quite as important as actual condition. It is my purpose in this lecture, first, to point out the fundamental similarities among the higher institutions of learning in the United States, and then to indicate briefly the nature and probable outcome of the differences they (I ought to premise, however, that my remarks will have no application to the group of American institutions which derive from the Roman Church their form of government, their discipline and their program of studies. This firmly established group of colleges, which are chiefly under the control of the Society of Jesus, breathe the American atmosphere, and are not wholly inaccessible to the spirit of modern science; but being essentially ecclesiastical in structure and methods. they bear little resemblance to the ordinary

¹An address given by President Eliot, of Harvard University, at Yale University, on November 15. Last year a graduate of Harvard University gave anonymously to Yale University a fund of \$10,000, the income of which is to be devoted to the promotion of friendly relations between the two universities. The Yale authorities decided to appropriate the income for a series of lectures from representatives of Harvard University. President Eliot's address was the first of that series.

cially since another diagram of the same thing (Fig. 99), occurring in a later chapter, is correct—and it is made more so by a 'later note by author,' in which Wundt, whose attention had apparently been called to the discrepancy, while not recognizing the perversion of the figure and text, endeavors to slur over the contradiction in a straddling manner that has a curiously characteristic sound. There are a number of other errors in neurological details, though not by any means a large num-Wundt would of course not be the author to whom one would resort for a knowledge of nervous anatomy and physiology, with which the present instalment of the translation is concerned. The value of this portion of the work lies in the author's broad, if somewhat speculative, views on the general principles of the structure and functions of the nervous system.

The translator has thoughtfully provided a special index for this volume.

R. S. Woodworth.

COLUMBIA UNIVERSITY.

SCIENTIFIC JOURNALS AND ARTICLES.

The contents of *The Journal of Compara*tive Neurology and Psychology for November is as follows:

CLARENCE LOEB: 'Some Cellular Changes in the Primary Optic Vesicles of Necturus.'

RAYMOND PEARL: 'Some Results of a Study of Variation and Correlation of Brain Weight.'

A. H. ROTH: 'The Relation Between the Occurrence of White Rami Fibers and the Spinal Accessory Nerve.' (With an Addendum by J. Playfair McMurrich.)

JOHN E. ROUSE: 'Respiration and Emotion in Pigeons.'

JOHN B. WATSON: 'The effect of the Bearing of Young upon the Body-Weight and the Weight of the Central Nervous System of the Female White Rat.'

The Work of Carl Wernicke.

H. S. JENNINGS: 'Papers on Reactions to Electricity in Unicellular Organisms.'

SOCIETIES AND ACADEMIES.

THE CONVOCATION WEEK MEETINGS OF SCIENTIFIC SOCIETIES.

There will meet at New Orleans:

The American Association for the Advancement of Science—The week beginning on December 28. Retiring president, Professor W. G. Farlow, Har-

vard University; president-elect, Professor C. M. Woodward, Washington University, St. Louis, Mo.; permanent secretary, Dr. L. O. Howard, Cosmos Club, Washington, D. C.; general secretary, Professor C. A. Waldo, Purdue University, Lafayette, Ind.; secretary of the council, Dr. John F. Hayford, U. S. Coast and Geodetic Survey, Washington, D. C.

Local Executive Committee.—Honorary president, President E. B. Craighead, Tulane University; executive president, Professor George E. Beyer, Tulane University; secretary, Henry M. Mayo, The New Orleans Progressive League; treasurer, Mr. Clarence F. Low, of the Liverpool, London and Globe Insurance Company.

Section A, Mathematics and Astronomy.—Vicepresident, Dr. W. S. Eichelberger, U. S. Naval Observatory, Washington, D. C.; secretary, Professor L. G. Weld, University of Iowa, Iowa City, Iowa.

Section B, Physics.—Vice-president, Professor Henry Crew, Northwestern University, Evanston, Ill.; secretary, Professor Dayton C. Miller, Case School of Applied Science, Cleveland, Ohio.

Section C, Chemistry.—Vice-president, Professor Charles F. Mabery, Case School of Applied Science, Cleveland, Ohio; secretary, Professor Charles L. Parsons, New Hampshire College of Agriculture, Durham, N. H.

Section D, Mechanical Science and Engineering.
—Vice-president, Professor F. W. McNair, Houghton, Mich.; secretary, Professor Wm. T. Magruder, Ohio State University, Columbus, Ohio.

Section E, Geology and Geography.—Vice-president, Professor Wm. North Rice, Wesleyan University, Middletown, Conn.; secretary, Dr. Edmund O. Hovey, American Museum of Natural History, New York, N. Y.

Section F, Zoology.—Vice-president, Professor Henry B. Ward, University of Nebraska, Lincoln, Nebr.; secretary, Professor C. Judson Herrick, Denison University, Granville, Ohio.

Section G, Botany.—Vice-president, Dr. Erwin F. Smith, U. S. Department of Agriculture, Washington, D. C.; secretary, Professor F. E. Lloyd, Teachers College, Columbia University, New York, N. Y.

Section H, Anthropology.—Vice-president, Dr. George Grant MacCurdy, Yale University, New Haven, Conn.; secretary, George H. Pepper, American Museum of Natural History.

Section I, Social and Economic Science.—Professor Irving Fisher, Yale University, New Haven, Conn.; secretary, Dr. J. F. Crowell, Bureau of Statistics, Washington, D. C.