

Kelley, Frank J., assistant in experimental breeding, University of Wisconsin.

Kellicott, William E., professor of biology, Goucher College.

Knower, H. McE., professor of anatomy, University of Cincinnati.

Knudson, Lewis, instructor in plant physiology, Cornell University.

Lefevre, George, professor of zoology, University of Missouri.

Lewis, Ivey F., professor of biology, Randolph-Macon College.

Lillie, Frank R., professor of embryology, University of Chicago.

Lillie, R. S., instructor in physiological zoology, University of Pennsylvania.

Loeb, Jacques, Rockefeller Institute for Medical Research, New York City.

Lyman, George R., assistant professor of botany, Dartmouth College.

Lyon, Mary B., instructor in zoology, Mount Holyoke College.

McClung, C. E., professor of zoology, University of Kansas.

Mackenzie, Mary D., associate professor of biology, Western College, Oxford, Ohio.

Mathews, Albert P., professor of physiological chemistry, University of Chicago.

Mathews, Samuel A., assistant professor of experimental therapeutics, University of Chicago.

Mayer, Alfred G., Carnegie Institution, Washington, D. C.

Meigs, E. B., fellow in physiology, Wistar Institute of Anatomy and Biology, Philadelphia.

Montgomery, T. H., Jr., professor of zoology, University of Pennsylvania.

Moore, George T., professor of botany, Washington University, St. Louis.

Morgan, T. H., professor of experimental zoology, Columbia University.

Morse, Max W., professor of biology, Trinity College, Hartford, Conn.

Newman, H. H., associate professor of zoology, University of Chicago.

Osterhout, W. J. V., assistant professor of botany, Harvard University.

Packard, Charles, assistant in zoology, Columbia University.

Paton, Stewart, lecturer in biology, Princeton University.

Patterson, J. T., adjunct professor of zoology, University of Texas.

Pike, Frank H., instructor in physiology, University of Chicago.

Quackenbush, L. S., 27 West 73d Street, New York City.

Rea, Paul M., professor of biology, College of Charleston.

Rogers, Charles G., professor of physiology, Syracuse University.

Scott, John W., Westport High School, Kansas City, Mo.

Sink, Emory W., assistant in zoology, University of Michigan.

Spaulding, E. G., assistant professor of philosophy, Princeton University.

Spencer, Henry J., graduate student, Columbia University.

Strong, O. S., instructor in anatomy, College of Physicians and Surgeons, New York City.

Tashiro, Shiro, student, University of Chicago.

Thomas, Mason B., professor of botany, Wabash College.

Wallace, Edith M., Columbia University.

Wasteneys, Hardolph, assistant, Rockefeller Institute for Medical Research, New York City.

Whitney, David D., associate professor of zoology, Wesleyan University, Middletown, Conn.

Wieman, H. L., assistant professor of zoology, University of Cincinnati.

Wildman, E. E., professor of zoology, Central High School, Philadelphia, Pa.

Wilson, E. B., professor of zoology, Columbia University.

Woodruff, L. L., assistant professor of biology, Yale University.

#### THE UNIVERSITY OF TEXAS

At the annual meeting of the Alumni Association, held June 12, 1911, Mr. Will C. Hogg, of Houston, introduced the following resolutions, which were unanimously adopted by the Association:

*Resolved*, That the president of the University of Texas, Dr. S. E. Mezes, and the president of the Alumni Association, Mr. E. B. Parker, and such another gentleman as those two may select, be and are hereby appointed a committee of three to formulate and adopt for this association by-laws or rules defining the purpose of the organization of the permanent standing committee, and such by-laws and regulations adopted by the sub-committee of three herein authorized, are hereby adopted and made a part of this resolution as if read and carefully considered in advance at this meeting. Be it further

*Resolved*, That a committee composed of the presi-

dent of the University of Texas, the present president of the Alumni Association, the president of the board of regents of the University of Texas, are hereby instructed to proceed, in their own way, to the selection of a permanent standing committee of nine of ways and means for the enlargement, expansion, and extension of the University plan, and that the first meeting of said committee, if possible, be convened in the city of Austin on the first Saturday in October, 1911. Be it further

*Resolved*, That the President of the University of Texas, the present president of the Alumni Association of Texas and the president of the board of regents of the University of Texas be requested to select and authorize some suitable individual who will undertake, without any remuneration or expense, to provide a fund of not less than \$25,000 per year nor more than \$50,000 per year during the period of five years, payable in advance, in five equal annual installments of not less than \$25,000 per year nor more than \$50,000 per year, on the first day of October, 1911, 1912, 1913, 1914 and 1915.

The objects of these resolutions are described as follows:

1. To stimulate thought and create and arouse aspiration for higher education in Texas.

2. To attract the best thought and attention of aspiring persons engaged in educational work throughout the United States and Europe.

3. To inform the people of Texas that the organization, through the committees, is going to investigate, deliberate upon and advise the people of Texas what the extent of the physical institution should be, and what adequate means of maintenance should be provided. This is the restricted office and purpose of the organization which will be accomplished by the application of modern business and scientific methods of inquiry, investigation and determination.

4. The conception and definition of a curriculum, thorough-going and modern in all its details, comprehending the various activities of a modern commonwealth organization.

The following awards are proposed:

1. The award of a cash prize of \$10,000 or more to architects for the best landscape and

building design which will be the physical expression of the state's aspiration for higher education, and a second prize or prizes of \$5,000 or more for the best thesis or theses on a properly assigned subject involved in the general educational design. It is probable that the competition in these classes will be limited to architects and professional educators of high reputation and that it will be closed for entry on or before January 1, 1913, all designs and theses to be filed on or before January 1, 1914. It is intended that such competitors shall have at least two years during which to prepare their designs and theses in this competition.

2. An annual prize of \$500 or more for the best thesis on a selected and assigned topic involved in the general design of the movement, competition to be limited to graduating students of the University of Texas, awards to be made in October each year of the five-year period.

3. An annual prize of \$500 or more, in the discretion of the committee, for the best thesis on a duly assigned topic involved in the general design, the competition to be limited to citizens of Texas other than graduating students of the university, awards to be made in October each year of the five-year period.

4. An annual prize of \$500 or more for the best thesis on an assigned subject involved in the general design of the movement, the competition to be limited to graduating students of ten accredited universities of other states of the United States, of two colleges in Canada, of two in England, of one in Scotland, of two in Germany and of one in France.

#### SCIENTIFIC NOTES AND NEWS

THE Astronomical and Astrophysical Society of America met at Ottawa, Canada, from August 23 to 25. The officers elected are: E. C. Pickering, *president*; E. B. Frost, *first vice-president*; W. W. Campbell, *second vice-president*; W. J. Hussey, *secretary*; C. L. Doolittle, *treasurer*; J. S. Plaskett and W. S. Eichelberger, *councillors*. The next annual meeting will be held at Allegheny Observatory in August, 1912. The society will also meet