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UNIVERSITY OF CALIFORNIA
RECORD

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UNIVERSITY OF CALIFORNIA RECORD

OCTOBER 1 TO DECEMBER 31, 1920

Volume 1

JANUARY, 1921

Number 1

9670 STUDENTS AT UNIVERSITY

Nine thousand six hundred and seventy students were in attendance at the University at Berkeley, as of date September 30, according to the statistical summary of the officers' and students' directory.

Graduate students number 952, and undergraduates 8718, while there are 1521 officers and assistants. Included in the enrollment are the students in the colleges of letters and science, commerce, agriculture, engineering, and chemistry; in the schools of architecture, education, and jurisprudence; and in the first two years of the medical school.

Last year for the corresponding semester the number of graduate students was 825, and of undergraduate students 7783, making a total of 8608 students. This means that the growth for the year is over twelve per cent.

UNIVERSITY LEADS IN REGISTRATION

With a total registration of 11,154 students, the University of California, in November, 1920, had the largest university enrollment in the United States. This was conceded officially by the authorities of New York University, heretofore thought to be larger than the University of California.

UNIVERSITY ENGINEERS STAND FIRST

University students ranked first in a psychological test given 10,000 engineering freshmen in fifty American colleges and universities. The examination was conducted by the Society for the Promotion of Engineering Education, and consisted of a test on general intelligence, and five tests on high school subjects, among which were included physics, chemistry, mathematics, and manual training.

NARROW MARGIN ON AMENDMENT 12

By the narrow margin of 4640 votes out of a total of 764,694 votes cast, Amendment 12 was lost at the election on November 2. The "no" vote was 384,667, the "yes" vote, 380,027.

UNIVERSITY BUDGET NEEDS

The Regents of the University on December 16 presented to the State Budget Committee at Sacramento an abstract of the needs of the University for the biennium 1921-1923. They ask that the cost of main-

tenance of all departments of the University be embodied in a general University fund to amount to not less than \$4,438,211 annually, or \$8,876,423 for the biennium.

In addition the Regents ask a special legislative appropriation of \$250,000 annually, or \$500,000 for the biennium, to support the teachers training department of the Southern Branch at Los Angeles; and of \$100,000 annually, or \$200,000 for the biennium, for the support of free beds in the University Hospital for ailing or crippled children dependent on state support.

The University's needs for new lands and buildings were separately presented with the request that they be included in the state building plan. They comprise the following: a physics building, \$500,000; dormitories for men and women, \$640,000; addition of \$100,000 to the Haviland bequest of a quarter of a million to build an adequate home for the School of Education; new buildings for the Lick Observatory, \$40,000; new buildings at the Davis Farm School, \$500,000; new land for activities of the College of Agriculture, \$750,000; additional land for the Southern Branch, \$200,000. These items, with minor requests, total \$2,833,000.

In addition, an appropriation of \$2,000,000 for hospital and medical school buildings is asked for, to be contingent upon the acquisition of an equal sum from private gifts.

DEGREES CONFERRED DECEMBER 17, 1920

Three hundred seventy-two degrees were conferred upon students of the University, as of date December 17, 1920, by action of the Academic Senate, confirmed by the Board of Regents.

This is an increase of thirty per cent over 1919, when 287 degrees were conferred, and an increase of 102 per cent over 1918, when 184 degrees were granted.

Leading the list were the 269 students receiving the Bachelor of Arts degree in the College of Letters and Science. There were 52 higher degrees, of which 36 were the degree Master of Arts, 9 the degree Doctor of Philosophy, 6 the degree of Master of Science, and 1 the degree of Juris Doctor. The fifty-one students upon whom were conferred the degree Bachelor of Science were divided as follows: agriculture, 30; commerce, 11; civil engineering, 4; chemistry and mechanics, 3 each.

The number of higher degrees granted this year was double the number conferred in 1919.

DR. BORDET HITCHCOCK LECTURER

Dr. Jules Bordet, Professor of Bacteriology, Parasitology, and Epidemiology in the University of Brussels, and Director of the Pasteur Institute of Brussels, who delivered the Hitchcock lectures at the University this year on November 22, 23, and 24, is considered one of the world's greatest living bacteriologists.

Recipient of many honors, the latest and greatest of which is the Nobel prize for the year 1919, in medical science, Dr. Bordet is the discoverer of several pathogenic bacteria, notably the whooping cough bacillus and the bacillus of avian diphtheria. He is largely responsible for the physico-chemical theory of immunity, which is steadily gaining credence in opposition to the purely chemical theory sponsored by Ehrlich and the German school.

Professor Bordet is generally credited with present day knowledge of the means of defense of the body against infectious diseases, a separate science that has grown up with the science of bacteriology and to which the name of immunology has been given. He is widely known also for his personal investigations on coagulation of the blood and for the discovery of the phenomena of bacterial agglutination, precipitation and artificial hemolysins.

His lectures at the University were delivered in English.

THE BIG GAME

Victory, and with it the Pacific Coast Conference championship, came to the California football Varsity November 20, before an estimated attendance of 28,000 spectators, when the plunging Bruin backs proved the undoing of Stanford to the tune of 38-0. The Cardinals made a great stand on California Field, but were outclassed, both on the line and in the back field. At the end of the first half the score was 10-0. In the final period of the game California scored three touchdowns. A feature of the game was the publication and sale of 4000 copies of the *Daily Californian* two minutes after the last play.

During the season the Varsity scored 482 points to the opponents' 14. George Latham '21, star center, was unanimously elected captain of the 1921 Varsity.

In the morning the soccer teams of the rival universities battled to a tie score of 1-1. The four-and-a-half mile cross-country jaunt was won by California, score 17-52. Of the first ten men to finish, California placed all but fourth and seventh.

The season's scores follow:

Varsity		Opponents
21	Olympic Club	0
88	Mare Island	0
127	St. Mary's	0
79	Nevada	7
63	Utah	0
17	Oregon Aggies	7
49	Washington State	0
38	Stanford	0
—		—
482		14

CALIFORNIA 28, OHIO STATE 0

Four touchdowns by California's invincible Varsity spelled defeat for Ohio State Varsity, champions of the Middle West, in the annual football classic at Pasadena January 1, before an estimated attendance of 45,000 spectators.

The score 28 to 0 tells the story of California's superiority in all the branches of the game. The Varsity outplayed the Buckeyes, both on the line and in the forward pass.

One touchdown in the first, one in the second, and two in the third period gave California the final score.

AGRICULTURE

PRIZES AT INTERNATIONAL SHOW

Every animal entered by the University of California College of Agriculture in the Pacific International Live Stock Show at Portland, Oregon, in November, won prizes in competition with animals from all states in the Union.

Grand champion steer of the show was the title bestowed upon University of California Jock the 4th, the University senior yearling, Aberdeen Angus steer, who won also the honors of being the first prize senior yearling steer, the first prize steer, and champion Aberdeen Angus steer.

Second highest honors of the show went to the University with an award of the reserve championship with the senior yearling Shorthorn steer, California Majestic, who won also the honors of first prize senior yearling Shorthorn class, and champion Shorthorn steer of the show.

These winnings, nine first prizes and four second prizes, are the highest obtainable in the western livestock world.

In addition to winning the Grand Championship and Reserve Grand Championship, first, second, and third prizes were received on Duroc-Jersey barrows; first and second prizes on pen of Duroc-Jersey barrows; first prize on pen of Berkshire barrows; first and second prizes on Hampshire hogs; first, second, and third prizes on University sheep, and Grand Championship on wethers.

STUDENTS WIN HIGH HONORS

For the first time in its history, the University of California sent a team for the judging of dairy products to the Pacific International Live-stock show at Portland, Oregon. The California students were in competition with students from other western agricultural colleges, including Washington State College, Oregon Agricultural College, University of Idaho, Montana College of Agriculture, and Utah State College, and won high honors in their judgment of all the products. George R. Jaehnig, a member of California's team, was first of all students competing in

judging dairy products and cheese, Leland H. Nielson, another of the University's men, was second in judging dairy products and cheese, and first in judging market milk, and E. Spainhower averaged high in the contest. G. D. Turnbow, Assistant Professor of Dairy Industry in the University, coached the team.

UNIVERSITY WORK NETS FARMERS MORE MONEY

Commanding a premium of \$4.20 per ton over common barley, Mariout barley, introduced to the farmers throughout the state by the College of Agriculture of the University, has met with a favorable reception by the malsters and brewers of the English and Scotch malting trade, who are bidding from five to six shillings more per quarter on Mariout over common barley, the equivalent at the present rate of exchange being from 17 to 21 cents per hundred weight.

In introducing Mariout barley into California the State University has given to the farmer a better variety, which has enabled him to increase his yield by an average of four sacks per acre, and to grow a superior product that now commands a premium of \$4.20 per ton over the common barley.

A forecast was recently made at the College of Agriculture that 200,000 acres in California this year will be planted to Mariout barley.

AGRICULTURE COLLEGE AIDS 104,619 FARMERS

Letters totalling 104,619 in number were written last year by the Department of Agriculture of the University of California, indicating the importance and scope of the work done in the interest of general agriculture. Tabulated by departments the letters were written as follows:

University Farm School, Davis, 27,232; Agricultural Extension, 21,840; Director's Office, 8,654; Rural Institutions, 8,091; Riverside, 6,694; Pomology, 5,645; Agricultural Education, 3,615; Viticulture, 3,173; Agronomy, 2,969; Soil Technology, 1,860; Entomology, 1,848; Soil Chemistry and Bacteriology, 1,814; Veterinary Science, 1,723; Agricultural Chemistry, 1,676; Nutrition, 1,602; Forestry, 1,511; Citriculture, 1,238; Landscape Gardening, 1,060; Plant Pathology, 1,048; Insecticides, 788; Farm Management, 419; Genetics, 119.

CONVENTIONS AND EXHIBITS

Eleven of the eighteen papers read at the twenty-second annual meeting of the Philological Association of the Pacific Coast, held in San Francisco on November 26 and 27, were written by members of the University faculty.

At the first session the following papers were presented: "The Art of Boethius' *Consolatio Philosophiae*," by A. P. McKinlay, Assistant Professor of Latin of the Southern Branch; "The Contemporary Biographers

of William Blake," by H. L. Bruce, Associate Professor of English; "Box-Office and Repertory in Shakespeare's Theatre," by Alwin Thaler, Assistant Professor of English.

At the second session were heard the following papers: "Ballad Imitations," by R. W. Gordon, Assistant Professor of English; "What Shall We Say About Slang?" by R. P. Utter, Associate Professor of English; "The Punishment of Homicide in Ancient Greece," by G. M. Calhoun, Associate Professor of Greek; "The Call of the Blood in the Medieval German Epic," by C. H. Bell, Instructor in German.

Concluding the fourth session the following papers were presented: "Androcles and the Lion," by A. G. Brodeur, Assistant Professor of English; "Bécquer's *Rimas* and Heine's *Lieder*," by Franklin Schneider, Instructor in German; "*Partis Secanto* in the XII Tables," by Max Radin, Professor of Law; "The Influence of Carlyle's Theory of the Hero upon Carlyle's Writings," by B. H. Lehman, Assistant Professor of English.

On November 18, 19, and 20 a Food Products Show, under the auspices of the Division of Pomology of the College of Agriculture, was held in Hilgard Hall. Specimens for exhibition were received from seven other states and from every section of California.

GIFTS

Miss Annie M. Alexander, the sum of \$525.74 to the Museum of Vertebrate Zoology; also to the California Palaeontological Museum the collection of materials secured by a zoological expedition to eastern Oregon during the summer of 1920; also a series of casts representing skulls of the Pithecanthropus, Cro-Magnon, Piltdown, Dryopithecus, and Spy, illustrating prehistoric man, and skulls of more primitive living races, the Australian, the Hottentot, and the Bosjesman.

Alumna of the class of 1908, \$500, for the establishment of the Boomerang Scholarship Fund for four years at \$125 a year for the benefit of men or women undergraduate students. The donor writes that she was the recipient for four years at the University of a Levi Strauss Scholarship.

Alumnus of the class of '98, the sum of \$2400 to provide certain technical assistance needed by Professor C. A. Kofoid for the completion of a monograph on human intestinal protozoa, and in connection with his work on the flagellate parasites of the termites or white ants.

Alumnus, \$1000 to the University Library to be used for the purchase of books in the upbuilding of the Library of Medieval History.

American Red Cross, Washington, D. C., through Dr. Livingston Farrand, President, the sum of \$3000 for the support of certain researches upon the relation of fertility and nutrition to be conducted by Dr. H. M. Evans, Professor of Anatomy.

Associated Students of the University Farm, Davis, \$250, for the purpose of increasing the instruction in physical education, particularly the work in football.

Ambrose Bierce, through Miss Carrie J. Christiansen, 39 volumes from the private collection of the late Mr. Bierce, including a number of presentation copies from authors.

Dr. Norman Bridge, a check for the sum of \$1000 to be used as a research fund for Dr. R. O. Moody, Associate Professor of Anatomy.

Mrs. Bertha Coope, a collection of shells from the South Seas, to the Department of Zoology. Also a small amount of conchological works largely in French, dealing with the shells.

Class in English 114, the sum of \$24.25 to be used for the purchase of books for the library.

Class in English 121, the sum of \$31.50 to be used for the purchase of additional books for the reserve shelf in the library.

W. E. Creed, the sum of \$400 to be expended under the direction of Professor S. J. Hume, to bring to the University four art exhibitions.

E. I. DuPont de Nemours and Company, the sum of \$750 to be used for the expenses of research on the use of dyes in medicine, to be made by the Department of Anatomy under the direction of Dr. H. M. Evans.

Miss Edythe Foster, a scholarship of \$150 per year, in memory of Marjorie Green Foster, formerly a Teaching Fellow in the Hooper Foundation, to be awarded to a student in the Department of Research Medicine in the University of California Medical School.

Mrs. Margaret B. Fowler, the sum of \$1,000 to provide assistance needed by Professor C. A. Kofoid for the completion of a monograph on important scientific subjects.

Friend of the University, \$50 for the best essay on the "Ideals and Attractions of Good Citizenship," to be open to all students of the University and to be known as the "Civics Prize."

The Most Rev. Archbishop Edward J. Hanna, a set of the Catholic Encyclopedia and a copy of the Codex Iuris Canonici, which will be added to the Library of European Sources.

Mr. J. Eugene Law, to the California Museum of Vertebrate Zoology, a complete set of the Century Dictionary (twenty volumes in all).

Four hundred and fifty dollars has been raised by members of the LeConte Memorial Fellowship Committee in memory of the late Professor H. Morse Stephens, for the purpose of augmenting the LeConte Memorial Fellowship by Mr. A. P. Watts to the sum of \$1200 for the academic year 1920-21. Following are the contributors: F. P. Griffiths, L. J. Kennedy, Douglas Brookman, Richard O'Connor, R. P. Merritt, J. D. Fletcher, Scott Hendricks, P. N. Gray, George L. Bell, Dean G. Witter, alumni of the University, and Regents W. E. Creed and P. E. Bowles.

Mr. William D. Sohler, an important botanical work in three volumes entitled "Plantae Asiaticae Rariores," by Nathaniel Wallich.

Swedish-American Patriotic League of California, Inc., the sum of \$125, in support of the Swedish-American Patriotic League scholarship for the academic year 1920-21.

Twenty-One Mining Company, through its attorney, Mr. Frank R. Wehe, a number of exceptionally interesting and helpful mine models, which will be of value for exhibit and for demonstration purposes.

FACULTY

Dr. Benj. Ide Wheeler, President Emeritus and Professor of Comparative Philology, will give his first course for students during the spring semester of 1921. The subject will be the study of human speech, including the outlines of the science of language.

President David P. Barrows left Berkeley early in November to attend the annual meeting of the Association of American Universities and the National Association of State Universities. He has been appointed a member on the Famine Relief Committee for North China. President Barrows was made a *Chevalier de la Legion d'Honneur* by the French Republic.

E. B. Babcock, Professor of Genetics, who was in attendance as a delegate from the University of California at the annual meeting of the American Association for the Advancement of Science, in Chicago, December 27 to January 1, read two papers at the convention, one before the American Society of Naturalists on "Crepis Investigations," and one before the American Society for Horticultural Science on "Bud Selection and the Frequency of Mutations."

C. M. Gayley, Professor of the English Language and Literature, has been elected a member of the Board of Trustees of the American Field Service Fellowships for French Universities, of New York.

R. T. Holbrook, Professor of French, has been made a *Chevalier de la Legion d'Honneur* by the French Republic.

A. O. Leuschner, Professor of Astronomy, Director of the Students' Observatory, and Dean of the Graduate Division, attended the meetings of the National Academy of Sciences, the Association of American Universities, the Deans of the Graduate Schools, and the National Research Council, while on leave of absence, November 9 to December 31.

D. T. Mason, Professor of Forestry, represented the University at the Pacific Logging Congress meeting in Spokane during the month of December. Professor Mason will resume his duties at the University after an absence of nearly two years in Washington as Forest Valuation Engineer with the Bureau of Internal Revenue.

T. H. Reed, Professor of Municipal Government, left Berkeley early in December for the East, where he visited a number of universities. He attended the convention of the Political Science Association at Washington, on December 28 and 29.

C. H. Rieber, Professor of Logic, left Berkeley early in December for Europe, where he plans to do research at the universities of Cambridge and Oxford.

F. W. Woll, Professor of Animal Nutrition, who returned to the University recently after a six months' leave of absence spent in study and travel in England and Norway, in which latter country he received his early education, states that labor conditions in both countries are unsettled, but that the situation seemed likely to improve.

Donald Bruce, Associate Professor of Forestry, was one of the University's representatives at the meetings of the Pacific Logging Congress held during December in Spokane, Washington.

S. S. Maxwell, Associate Professor of Physiology, was invited to present a survey of his work and theory on "The Equilibrium Functions of the Inner Ear" at the general meeting of the American Society of Naturalists in Chicago, December 30.

S. J. Hume, Assistant Professor of Dramatic Literature and Art, and Director of the Greek Theatre, was invited by the city of St. Paul, Minnesota, to take charge of the annual Municipal Christmas celebration.

George Smithson, secretary of the correspondence instruction department of the Extension Division, was invited by the American Association for the Advancement of Science to present a paper on "What the University of California has done in Correspondence Work." The paper was read at the annual convention of the Association in Chicago, before the Social and Economic Science section of the organization.

APPOINTMENTS*

Deans: Stuart Daggett, College of Commerce, from December 1; H. R. Hatfield, Faculties, from December 1; B. M. Woods, Summer Session in Los Angeles, from November 1.

Professor: R. G. Gettell, Political Science.

Associate Professor: J. H. McDonald, Mathematics.

Assistant Professors of Military Science and Tactics: Captain L. R. Boyd, Captain P. E. Peabody, Major W. A. Robertson.

Instructors: Florence Goddard, Industrial Arts, Southern Branch (half-time), from July 1; G. H. Hunt, Applied Mechanics, Southern Branch; L. D. Lockwood, Architectural Drawing, Wilmerding School, from November 1; T. C. McFarland, Electrical Engineering; A. H. Moore, Pediatrics, from October 1; Mrs. B. K. Smith, Fine Arts, Southern Branch, from October 1.

Lecturers: W. W. Ferrier, Jr., Law; M. F. McComb, Business Law, Southern Branch, from July 1; Matt Wahrhaftig, Law.

Associates: Mrs. Annie Andrews, Mathematics; Mrs. B. M. Glantz, Industrial Arts, Southern Branch (half-time), from October 1; H. J. Greif, Music, Southern Branch, from September 13; Miss E. Lichthardt, Public Health; Olive Swezy, Research in Zoology, from October 17.

Assistants: L. C. Barnard, Pomology; C. L. Callander, Surgery, from November 1; Gladys Campbell, Mathematics (half-time); E. M. Carr, Pediatrics (Assistant Resident, University of California Hospital), from October 1; L. P. Delsasso, Physics, Southern Branch, from July 1; R. L. Douglas, Chemistry, Southern Branch, from November 15; G. P. Doyle, Otology, Rhinology and Laryngology; Elizabeth V. Ferguson, Botany, from September 1; L. Gunther, Chemistry, Southern Branch, from November 1; W. D. Horner, Ophthalmology, from October 1; Martha Jones,

* Unless otherwise stated, date from January 1, 1920, to June 30, 1920.

Pediatrics; Sophia H. Levy, to the Dean of the Graduate Division and Research Associate in Theoretical Astronomy, from October 1; H. McClanahan, Commerce, Southern Branch, from July 1; N. McGrane, Chemistry, Southern Branch, from October 30; Zilla E. Mills, Agricultural Extension, from November 16; D. M. Morison, Urology; Mrs. Mary T. Paine, Mathematics; Dorothea Phillips, Industrial Arts, Southern Branch (half-time), from July 1; J. F. Pobanz, Mathematics (half-time); J. L. Quail, Agricultural Extension, from December 1; E. C. Rebstock, Dental Surgery, from November 1; Miss Bernice Rhodes, Research in Pathology; A. H. Rowe, Biochemistry, from September 1; E. L. Stanley, Agricultural Extension, from November 16; Miss Mattie Stover, Household Science; Lulu E. Vance, Biochemistry; Elizabeth M. Wills, Agricultural Extension, from October 15; Miss Frieda Ziegley, German, from October 1.

Teaching Fellows: T. H. Crook, Geology; Lucy Freeland, Anthropology, from July 1; Vera L. Hughes, Anthropology, from July 1; Mildred Milhills, English, from October 1; A. R. Whitman, Geology.

Janitor in the Wilmerding School: A. Imperiale, from October 1.

PROMOTIONS AND CHANGES IN TITLE*

Robert G. Sproul, Comptroller of the University, from Assistant Comptroller, from October 1.

H. W. Mansfield, Assistant Professor of Mechanic Arts, Southern Branch, given additional title of Superintendent of Rehabilitation Work.

Dr. Harry Partridge, Instructor in Urology, from Assistant, from November 1.

Robert Hunter, Lecturer in Economics and English, from Lecturer in English.

Dr. W. A. Perkins, Assistant in Pathology and Surgical Pathology (two-thirds time), from Assistant in Pathology, from September 1.

Miss Gladys Murphy, Teaching Fellow in Public Speaking and Philosophy, from Teaching Fellow in Public Speaking, from September 1.

LEAVES OF ABSENCE†

Professors: W. L. Howard, Pomology, for the year 1921-22; Lincoln Hutchinson, Commerce, on the Flood Foundation; A. O. Leuschner, Astronomy, Director of the Students Observatory, and Dean of the Graduate Division, from November 9 to December 31; M. C. Lynch, Law; C. H. Rieber, Logic.

Associate Professors: J. N. Force, Epidemiology; G. H. Hart, Veterinary Science, from November 1 to June 30; T. F. Hunt, Agricultural Extension, for the year 1921-22.

Assistant Professors: A. G. Brodeur, English, from July 1 to December 31, 1920; J. T. Clark, French; M. L. Darsie, Education, Southern Branch; M. T. Rhodes, Operative Dentistry, from July 1 to June 30.

* Date from July 1, 1920, unless otherwise noted.

† Unless otherwise designated, for the period January 1 to June 30, 1921.

Instructors: Anna P. Brooks, Fine Arts, Southern Branch, from October 1 to June 30; Alma M. Patterson, Education, Southern Branch, from October 9 to January 15; E. S. Sundstroem, Biochemistry, from September 1 to June 30.

Lecturer: M. A. Meyer, Semitic Languages and Literature, from November 9 to December 31.

Assistants: S. W. Cosby, Soil Technology, from October 1 to January 1; H. R. Kelley, Agricultural Extension, from November 1 to 15; Miss N. M. Neilson, Research Medicine on the Hooper Foundation, from December 1 to June 30; Miss E. E. Wills, Agricultural Extension, from November 1 to 7.

RESIGNATIONS*

Dean: H. R. Hatfield, College of Commerce, from November 30.

Professor: Edward Elliott, International Law and Politics.

Associate Professor: J. H. McDonald, Mathematics, from September 30.

Assistant Professor: J. R. Douglas, American Politics and Administration, and Director of the Bureau of Public Administration.

Instructors: A. L. Fisher, Orthopedic Surgery, from September 1; W. S. Wilkinson, Agronomy, from September 30.

Specialist in Agricultural Extension: E. F. Smyth.

Assistants: S. Brody, Biochemistry, from August 31; Miss D. A. Daniels, Agricultural Extension, from November 20; Mrs. Agnes K. Klamt, Agricultural Extension, from November 30; F. W. Loring, Otology, Rhinology, and Laryngology; L. W. Taylor, Agricultural Extension, from November 30; E. R. Temperli, Agricultural Extension; C. H. Tookey, Economics, from October 31; Mrs. Margaret von Hungen, German, from September 30.

Teaching Fellow: Sophie McEntyre, English, from October 1.

Teacher in the Wilmerding School: W. J. Graham, Architectural Drawing, from October 31.

Curator in the Library of French Thought: Miss Theodora Livingstone, from November 30.

Janitor in the Wilmerding School: J. E. Lozier, from September 30.

STUDENTS AND ALUMNI

For the first time in the history of the University, a Saturday edition of the *Daily Californian* appeared on the campus on October 23. In publishing a six-day edition the student newspaper is following the example of student dailies in leading eastern colleges.

The women students of the University held their annual field day at the University on November 13.

* Date from December 31, 1920, if not specified.

DEBATING

California-Princeton Debate

For the first time East met West in debate when the California and Princeton teams met in San Francisco in the Civic Auditorium on the evening of December 29. California was represented by Morris Ankrum '21, A. E. Murphy '23, and A. L. Webb '23, with H. M. Griffiths '22 as alternate. Princeton was represented by A. McCormac '21, captain; J. F. Currie '22, Chas. Denby '22, and R. M. Warner '22.

The question was "Resolved: That Congress Should Pass Laws Prohibiting Strikes in Essential Industries, Constitutionality Conceded." California supported the negative. The judges, Chief Justice Frank M. Angellotti, of the Supreme Court, and Justices William H. Langdon and Frank H. Kerrigan, of the District Court of Appeal, awarded the decision to California by a vote of 2-1.

China Arnold Trophy Debate

The annual debate on China for the Arnold Trophy was held Wednesday, October 20, in Wheeler Auditorium. Parliament was represented by Dorothy Manchester '22 and Geraldine Hunt '23; Senate by S. C. McClintic '21 and P. E. Johnson '23; Congress by H. M. Griffiths '22 and Herbert Tsang '22. The judges were Benj. Ide Wheeler, President Emeritus, O. K. McMurray, Professor of Law, and Max Radin, Professor of law. "Liquidation of Chinese Treaty Responsibilities," was the general question; the specific topic announced was "Resolved: That the United States Should Adopt a Definite Policy Looking to the Termination of Foreign Rights in China Prejudicial to China's Sovereignty." P. E. Johnson '23, was awarded the decision.

Congress-Senate Debate

Congress and Senate debating societies met in debate November 17 on the question "Resolved: That A National Direct Primary System for the Nomination of Presidential Candidates Should be Substituted for the Present National Party Convention."

Congress was represented by H. M. Griffiths '22, M. C. Dempster '22, and J. G. Benson '22. Senate's speakers were H. F. Bonnet '21, C. C. Hildebrand '21, and S. C. Johnson '23.

The judges were O. K. McMurray, Professor of Law, G. H. Robinson, Professor of Law, and Major L. K. Underhill. The decision was awarded to the Senate on the affirmative.

Freshman-Sophomore Debate

Freshmen and Sophomore debaters met October 11 in contest for forensic supremacy on the question, "Resolved: That the Stand Taken by the Democratic Party on the League of Nations Should Be Upheld by American Citizens." J. C. Moran, P. A. Olshausen, and R. T. Selvin were the Freshmen affirmative speakers, while the Sophomore representatives were F. Adams, S. W. Gardner, and P. E. Johnson. The decision was awarded to the Sophomores.

HONOR SOCIETY ELECTIONS

Alpha Zeta

Alpha Zeta, the national agricultural honor society, elected the following: associates: Professor R. L. Adams, Professor B. A. Madson, Dr. F. M. Hayes; active: L. A. Crawford '21, R. B. Doughty '21, N. I. Nielsen '21, P. B. Sharpless '21, L. C. Merriam '21, E. W. Everett '21, K. L. Engbretson '22, Grant Merrill '22, H. K. Henderson '22, C. J. Buruham '22.

Beta Gamma Sigma

Beta Gamma Sigma, the commerce honor society, elected the following: S. B. Brown '21, E. P. Crosson '21, S. S. Kapp '21, R. A. Kern '21, R. G. Murray '21, P. B. Nelson '21, R. W. Nickell '21.

Economics Club

Economics Club elected the following: honorary: Mrs. David P. Barrows, Mrs. Margaret Sartori; active, Martha Davie '21, Evelyn Sanderson '21, Mildred Wight '21, Kathleen Lorentzen '22, Ruth Prager '22, Lillian Phillips '23.

Gamma Epsilon Pi

Gamma Epsilon Pi, women's national commerce honor society, elected the following to membership: Honorary: Ruth Moodey '18; seniors: Lenora Culpepper, Martha Davie, Verna Fuller, Anne Hegerty, Frances Milliken, Hanna Pederson, and Augusta Willett.

Iota Sigma Pi

Iota Sigma Pi, the honor society for women in chemistry, initiated the following: Beulah Boge '21, Ruby Camblin '21, and Lois Carroll '21.

Nu Sigma Psi

Nu Sigma Psi, the women's physical education honor society, initiated the following: Miss Frances Bockius, Miss Violet Marshall, and Mrs. M. B. Knight, associates in physical education. Students initiated were Dorothea Gorter '21, Fannie Taggard '21, Doris Adams '22, Esther Anderson '22, Lily Anderson '22, Edwina Barry '22, Rebecca Breed '22, Helen Gentry '22, and Grace Hutton '23.

Phi Alpha Delta

Phi Alpha Delta, legal fraternity, initiated the following: L. E. Kilkeny '98, M. V. Spicer '17, J. B. Robinson '18, I. A. Cereghino '19, H. A. Mazzera '19, H. C. Ellis '20, L. E. Graybill '20, F. M. Pearce '20.

Pi Delta Epsilon

Pi Delta Epsilon, the journalistic honor society, elected the following: R. A. Beals '21, S. N. Hornage '21, L. A. Wylie '21, F. W. Bartlett '22, B. C. Crum '22, W. W. Edmonds '22, R. L. Ingram '22, F. W. Tenney '22, C. C. Wakefield '22, M. F. York '22.

Sigma Kappa Alpha

Sigma Kappa Alpha, the women's history honor society, initiated the following: honorary: Ivander MacIver; graduates: Anna Powell, Frances Sover; seniors: Vera Strump, Beatrice Soule, Marion Kergan, Jessie Boyd, Evelyn Bullen, Elinor Malie, Wilhelmina Goodward.

Tau Beta Pi

Tau Beta Pi, national engineering and technical honor society, initiated the following: L. A. Ashley '21, C. E. Baston '21, E. L. Butner '21, J. N. Keith '21, W. W. Maybeck '21, F. A. Moss '21, H. S. Murray '21, C. A. Pollard '21, W. H. Quinan '21, E. Smith '21, and Z. Witkin '21.

Theta Tau

Epsilon chapter of Theta Tau, national mining honor society, initiated the following: R. N. Nelson '20, R. J. Russell '20, J. L. Bennett '21, G. J. Milburn '21, H. E. Lloyd '21, G. M. Cunningham '21, J. H. Ashley '22, Q. S. Diven '22, John Metz '22, A. B. Yates '22, G. M. Wiles '23.

ALUMNI

Alumni and alumnae met this year as of old on the evening before the Big Game. Men gathered at the Commercial Club, in San Francisco, under the chairmanship of Ezra W. Decoto. Judge Everett J. Brown was toastmaster. Speakers were President Emeritus Benj. Ide Wheeler, Assistant Coach "Nibs" Price, and Warren Gregory, President of the Alumni. "Brick" Morse and a quartette and orchestra from the Glee Club entertained.

Women met at the Young Women's Christian Association building, in Berkeley, under the general chairmanship of Mrs. Jane Hawk Schuessler. Mary Bird Clayes was toastmistress. Katharine Carlton was the principal speaker of the evening.

UNIVERSITY MEETINGS

October 8—Max Radin, Professor of Law, "A Glimpse of Post-War Europe," and Charles Atwood Kofoed, Professor of Zoology and Assistant Director of the Scripps Institution for Biological Research, "Research as a Career."

October 22—Miss Martha A. Chickering '10, "Adventuring in Poland."

November 5—Herbert Hoover, "Economic Conditions."

November 19—Coach "Andy" Smith, Graduate Manager L. A. Nichols, Captain "Cort" Majors, Dean Frank H. Probert of the College of Mining, and Herman H. Phleger of the class of 1912. Football meeting. In the absence of President David P. Barrows, Dean C. L. Cory, of the College of Mechanics, presided.

HALF HOUR OF MUSIC

In the Greek Theatre on Sunday afternoons.

- October 3—Mrs. Ward A. Dwight, contralto, accompanied by Mrs. G. F. Stall.
- October 10—Marian Cavanaugh, child pianist.
- October 17—R.O.T.C. Band: L. W. Allen, Assistant in music, director.
- October 24—Florence Cole-Talbert, lyric soprano.
- October 31—Alameda High School Glee Club and Orchestra.
- November 7—Mary Newsom '21, soprano, and Dorothy Dukes '22, cellist. Christine Newsom '22, and Martha Dukes Parker, accompanists.
- November 14—Southern Pacific Glee Club: J. A. Weida, director; Ruth Pepper and T. L. Smith, accompanists.
- November 21—Norma MacPherson, pianist, assisted by Gretchen Zumpfi, violinist.

MUSICAL AND DRAMATIC EVENTS

- October 2—"King Henry IV." Part Two. Greek Theatre.
- October 6—Miss Florence Lutz, "Faust: a Free Adaptation of Goethe's Poem," by Stephen Phillips and J. Comyns Carr. Auditorium, Wheeler Hall.
- October 7—Three plays for marionettes, by Alfred Kreyborg. Auditorium, Wheeler Hall.
- October 12—Beethoven Sonata Recital, by Sigmund Beel and George McManus. Auditorium, Wheeler Hall.
- October 16—"Merry Wives of Windsor." Greek Theatre.
- October 19—Second Beethoven Sonata Recital, by Sigmund Beel and George McManus, Auditorium, Wheeler Hall.
- October 21—San Francisco Symphony Orchestra (first concert). Harmon Gymnasium.
- October 22—"Nothing but the Truth." Mask and Dagger Society.
- October 26—Third Beethoven Sonata Recital, by Sigmund Beel and George McManus. Auditorium, Wheeler Hall.
- October 28—San Francisco Symphony Orchestra (second concert). Harmon Gymnasium.
- October 30—"The Importance of Being Earnest." Auditorium, Wheeler Hall.
- October 29—Glee Club Road Show. Harmon Gymnasium.
- November 4—San Francisco Symphony Orchestra (third concert). Harmon Gymnasium.
- November 5 and 6—"Mercy Me." Treble Clef Society.
- November 11—San Francisco Symphony Orchestra (fourth concert). Harmon Gymnasium.
- November 13—"Not So Bad," Junior Farce, by W. B. Hanley '22 and R. L. Ingram '22. "Moonshine," Curtain Raiser, by T. E. Stealey '22 and A. E. White '22. Oakland Civic Auditorium.

November 13—"The Importance of Being Earnest." Auditorium, Wheeler Hall.

November 22—Three one-act comedies. George Ade's "Nettie," Susan Glaspell's "Suppressed Desires," and St. John Hankin's "The Constant Lover." Auditorium, Wheeler Hall.

November 23—First Concert of the Berkeley Musical Association: Mr. Josef Lhevinne, pianist. Harmon Gymnasium.

November 26—Three one-act comedies. George Ade's "Nettie," Susan Glaspell's "Suppressed Desires," and St. John Hankin's "The Constant Lover."

November 27—Ibsen's four-act drama, "The Pillars of Society." Auditorium, Wheeler Hall.

December 5—Farley dancers of Sacramento, in interpretative dancing. Auditorium, Wheeler Hall. Auspices of the Fine Arts Association.

December 6—Ibsen's four-act drama, "The Pillars of Society." Auditorium, Wheeler Hall.

LECTURES

October 5—W. C. Jones, Professor of Jurisprudence and Director of the School of Jurisprudence, and O. K. McMurray, Professor of Law. Before Pre-Legal Society.

October 5—H. M. Sein '22, "Types of Pueblo Mexicans." Before Spanish Club.

October 9—A. E. Anderson, Associate in English, "College Students and the Modern Day World." Before Social Science Club.

October 10—R. G. Sproul, Assistant Comptroller, "Amendment 12." Before Channing Club.

October 11—J. H. Hildebrand, Professor of Chemistry, "Men and Women." Before Y.M.C.A.

October 11—Raffaello Piccoli, Lecturer in Italian Literature and Institutions, "Modern Italy."

October 12—Irving Pichel, "The Theatre and the University." Before Fine Arts Association.

October 13—Tasuku Harada, former President of Doshisha University, Kyoto, Japan, "Japan."

October 13—Paul Scharrenberg, Secretary-Treasurer, California State Federation of Labor, "Talking to Labor in Europe."

October 14—T. D. Beckwith, Assistant Professor of Pathology, "Action of Tissues on Certain Dye-stuffs."

October 14—Theodore Bell, "The League of Nations." Before Democratic Club.

October 14—E. P. Lewis, Professor of Physics, "Detection of Isotypes or Elements of Multiple Atomic Weights, by Positive Ray Analysis."

October 14—C. H. Rowell, Regent, and T. H. Reed, Professor of Municipal Government, "Amendment 12." Before Y.W.C.A.

October 15—A. T. Thaler, Assistant Professor of English, "The Legitimate Drama versus Show and Spectacle from Shakespeare to Sheridan."

October 18—L. G. Blochman, editor Daily Californian, "Typography."

October 18—Florian Cajori, Professor of History of Mathematics, "Magic Squares in the Orient and the Occident."

October 18—Mrs. Joseph Miller, "The Purpose of Life." Before University Theosophical Club.

October 21—E. B. Babeock, Professor of Genetics, "Genetics of Bud Selection."

October 25—E. D. Merrill, Director Philippine Bureau of Science, Manila, "The Vegetation of the Philippine Islands."

October 25—K. E. Neuhaus, Assistant Professor of Art Appreciation, "The Ideals of Painting."

October 25—A. I. Street, Director Pacific School of Current History, "History versus Mystery." Before University Theosophical Club.

October 25—Justice W. H. Waste '91, "Fundamentals of Character." Before Y. M. C. A.

October 27—D. B. Clark, Assistant in Philosophy, "Talk on the Symphonies." Illustrated at the piano by Miss Helen MacVichie.

October 27—Miss Florence Lutz, Lecturer in Voice Culture, "Shakespeare's 'Midsummer Night's Dream.'"

October 28—Irving Fisher, Professor of Economics at Yale University, and President of Pro-League Independents; Mrs. Lucia Ames Mead, author and lecturer; and T. G. Chamberlain '15; "League of Nations." Auspices Cox-Roosevelt Club.

October 28—E. E. Hall, Professor of Physics, "Pyrometry and its Application to the Manufacture of Optical Glass."

October 28—F. H. Probert, Professor of Mining and Dean of the College of Mining, "International Aspects of Natural Resources."

October 28—Dr. Ruth L. Stone, Instructor in Bacteriology, "Action of Rabbit Bile on Certain Strains of Streptococci."

October 28—C. E. Woodman, "Longfellow, the Poet of the Home." Before Newman Club.

October 28—B. M. Woods, Professor of Aerodynamics and University Examiner, "Early Experiments in Aviation." Before Allied Fliers Club.

October 29—G. P. Adams, Professor of Philosophy, "The Organization of Human Values." Before Philosophical Union.

October 29—Miss Eda Lou Walton, Teaching Fellow in English, "A Navajo Narrative Song."

November 1—Edgar Dawson, Professor of American Government, "Education in the Science of Government."

November 3—D. B. Clark, Assistant in Philosophy, "Talks on the Symphonies." Illustrated at the piano by Miss Helen MacVichie.

November 3—Woodbridge Metcalf, Professor of Forestry, "The Forests of California."

November 4—J. P. Bennett, Instructor in Pomology, "Respiration of Potatoes."

November 4—Florian Cajori, Professor of the History of Mathematics," Surveying Instruments of Long Ago."

November 4—Dr. C. E. Woodman, Tennyson through Catholic Spectacles." Before Newman Club.

November 8—F. H. Probert, Professor of Mining and Dean of the College of Mining, "The California Creed." Before Y.W.C.A.

November 9—T. M. Putnam, Professor of Mathematics and Dean of the Undergraduate Division, "Determination of Income-Yield Bonds."

November 9—E. G. Stricklen, Assistant in Music, "Pattern Design in Musical Composition."

November 10—Bessie A. Dwyer, representative of the Philippine Press Bureau, "Yesterday and Today in the Philippine Islands."

November 10—C. W. Porter, Associate Professor of Chemistry, "Free Radicals."

November 15—R. G. Sproul, Comptroller, "The True Value in College Life." Before Y.M.C.A.

November 12—O. K. McMurray, Professor of Law, "Interesting Points of Law." Before Newman Club.

November 12—Guy Montgomery, Instructor in English, "Music and Verse Structure."

November 16—J. M. Andress, Associate Director of the National Child Health Organization, and representative of United States Department of Education, "Health Education of Children."

November 16—Carlos Bransby, Assistant Professor of Spanish. Before El Centro Espanol.

November 16—A. G. Brodeur, Assistant Professor of English Composition, "Vikings." Before Scandinavian Club.

November 16—Max Thelen, former member California State Railroad Commission, "The Young Lawyer's First Start." Before Pre-Legal Association.

November 17—Florence Lutz, Lecturer in Voice Culture, reading of "An Ideal Husband," by Oscar Wilde.

November 17—H. B. Wilson, Superintendent Berkeley Schools, "Some Aspects of the Socialized School." Before Education Club.

November 18—R. S. Minor, Professor of Physics, "X-Ray Analysis of the Structure of Metals."

November 19—Jacob Loewenberg, Assistant Professor of Philosophy, "Conflicting Trends in Idealism." Before Philosophical Union.

November 19—W. T. Mills, author, lecturer, and economist, "Industrial Democracy." Before Social Science Club.

November 20—M. H. Marvin, member of Industrial Welfare Commission, in Washington, "International Aspect of the Labor Movement." Before Cosmopolitan Club.

November 20—W. A. Setchell, Professor of Botany, "Vegetation of Tutuila Island, Samoa." Before California Botanical Society.

November 22—Alexander Kaun, Associate in Russian, "Russia Mirrored in Art."

November 23—D. V. Steed, Assistant in Mathematics, "The Lines on the General Hyper-Surface of Order $2n-3$ in Space of n Dimensions."

November 30—Raul Ramirez, Chilean Exchange Professor of Hispanic-American History, "South America Today."

November 30—B. M. Rastall, San Francisco Chamber of Commerce, "The Interest of the Business Man in City Development." Before College of Commerce Association.

December 1—R. S. Adams, Professor of Farm Management, "Selection of a Farm Wife." Before Agricultural Club.

December 2—Frederick Slate, Professor of Physics, Emeritus, "A Mechanical Pattern for Other Energy Forms."

December 3—H. H. Story, "Science and Society." Before Social Science Club.

December 6—Raffaello Piccoli, Lecturer in Italian Literature and Institutions, "St. Francis of Assisi."

December 9—F. H. Probert, Dean of the College of Mining, "International Aspects of Natural Resources."

SPECIAL LECTURE COURSES

DEPARTMENT OF ENGLISH READINGS

October 5—W. M. Hart, Professor of English, "Rhymes of a Homesteader," by Elliott C. Lincoln.

October 12—H. L. Bruce, Associate Professor of English, "Tennessee's Partner," by Bret Harte, and "The Jumping Frog of Calaveras," by Mark Twain.

October 19—A. E. Anderson, Associate in English, "A Woodland Prophet," by Henry David Thoreau.

October 26—T. F. Sanford, Associate Professor of English, "Tennyson."

November 2—W. W. Lyman, Jr., Associate in English and Celtic, "Padraic Colum and Seumas O'Sullivan."

November 9—B. H. Lehman, Assistant Professor of English, "John Drinkwater's 'Abraham Lincoln.'"

November 16—A. G. Brodeur, Assistant Professor of English, "The Autocrat of the Breakfast Table," by Oliver Wendell Holmes.

November 23—S. J. Hume, Assistant Professor of Dramatic Literature and Art, "Dr. Faustus," by Christopher Marlowe.

November 30—Guy Montgomery, Instructor in English, "Old English Christmas Carols."

EXTENSION DIVISION

Extension Division offered a series of five lectures on "Our Roman Heritage," on Friday evenings at eight o'clock, in the lecture room, San Francisco Public Library.

October 22—Cicero: Torsten Petersson, Assistant Professor of Latin.

October 29—Horace: Clifton Price, Associate Professor of Latin.

November 5—Quintilian: L. J. Richardson, Professor of Latin.

November 12—Pompeii (illustrated): O. M. Washburn, Associate Professor of Classical Archaeology.

November 19—Caesar: M. E. Deutsch, Associate Professor of Latin

GREAT BOOKS

Charles Mills Gayley, Professor of the English Language and Literature, in his course entitled "Great Books," given on Friday afternoons in the Auditorium, Wheeler Hall, discussed the philosophy of George Bernard Shaw and gave special consideration to a selection of Shaw's works.

October 7—Caesar and Cleopatra. Part V.

October 14—The Devil's Disciple.

October 21—The Devil's Disciple, II.

October 28—The Devil's Disciple, III.

November 5—Captain Brassbound's Conversion.

November 12—Captain Brassbound's Conversion, II.

November 19—Captain Brassbound's Conversion, III.

November 26—The Philosophy of George Bernard Shaw.

December 3—The Philosophy of George Bernard Shaw, II.

HITCHCOCK LECTURES

Dr. Jules Bordet, Professor of Bacteriology, Parasitology, and Epidemiology in the University of Brussels, and Director of the Pasteur Institute, of Brussels, delivered a series of three lectures on the Hitchcock Foundation from November 22 to 24 on the following topics:

November 22—Theories of Coagulation of Blood.

November 23—Theories of Anaphylaxis.

November 24—Some New Results Relative to the Conflict of the Organism with "Invading" Microbes.

DEPARTMENT OF PHILOSOPHY

A series of six lectures was given by Raffaello Piccoli, Lecturer in Italian Literature and Institutions, on "The Philosophy of Benedetto Croce."

October 18—Language and Art.

October 25—The Logic of Idealism.

November 1—The Economic Will.

November 8—The Moral Will.

November 15—Philosophy and History.

November 22—The Work of Croce.

POPULAR SCIENCE LECTURES

A series of illustrated lectures in popular science, under the auspices of the California Academy of Sciences, was given on Sunday afternoons at the Academy, in Golden Gate Park.

September 26—W. W. Campbell, Director, Lick Observatory, "The Solar System."

October 3—A. O. Leuschner, Professor of Astronomy, Director of Students' Observatory, and Dean of the Graduate Division, "Comets."

October 10—R. G. Aitken, Astronomer, Lick Observatory, "The Binary Stars."

October 17—J. H. Moore, Astronomer, Lick Observatory, "The Nebulae."

November 7—E. P. Lewis, Professor of Physics, "The Spectroscope—A Key to Celestial and Atomic Mysteries."

November 14—W. F. Durand, Professor of Mechanical Engineering, Stanford University, "Some Phases of Our Modern Conquest of the Air."

November 21—R. S. Holway, Professor of Geography, "The Future of the Tropics as a Factor in World Development."

November 28—J. H. Moore, Astronomer, Lick Observatory, "Cipher Messages from the Stars."

December 5—S. D. Townley, Professor of Applied Mathematics, Stanford University, "Earthquakes on the Pacific Coast of North America—I."

December 12—S. D. Townley, Professor of Applied Mathematics, Stanford University, "Earthquakes on the Pacific Coast of North America—II."

December 19—M. E. Beal, "The United States in Haiti and Santo Domingo.

UNIVERSITY PRESS PUBLICATIONS

AGRICULTURAL SCIENCES

Interspecific Hybrids in *Crepis*. I, *Crepis capillaris* (L) Wallr. × *C. Tectorum* L, by Ernest B. Babcock and Julius L. Collins. 3 plates. Price, 20 cents.

Inbreeding and Crossbreeding in *Crepis capillaris* (L) Wallr., by Julius L. Collins. 3 plates. Price, 30 cents.

AMERICAN ARCHAEOLOGY AND ETHNOLOGY

Nabaloï Law and Ritual, by C. R. Moss. 4 plates. Price, \$1.75.

Kankanay Ceremonies, by C. R. Moss. Price, 65 cents.

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Plantae Mexicanae Purpusianae, X, by Townshend Stith Brandegee. Price, 10 cents.

CLASSICAL PHILOLOGY

The Supposed Autographa of John the Scot, by Edward K. Rand. 11 plates. Price, 45 cents.

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A Mounted Skeleton of *Myiodon harlani*, by Chester Stock. 1 plate. Price, 15 cents.

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The Homogeneous Vector Function, by John D. Barter. Price, 35 cents.

MODERN PHILOLOGY

Lawrence Sterne and Goethe, by W. R. R. Pinger. Price, 85 cents.

ZOOLOGY

Demonstration of the Function of the Neuromotor Apparatus in Euplotes by the Method of Microdissection, by Charles V. Taylor. 5 plates, 2 text figures. Price, 85 cents.

Revision of the Avian Genus Passerella with Special Reference to the Distribution and Migration of the Races in California, by Harry S. Swarth. 4 plates, one in color. Price, \$1.75.

WEINSTOCK LECTURE

The Morals of Economic Internationalism, by John Hobson. Price, \$1.00.

GENERAL WORKS

Cicero: a Biography, by Torsten Petersson. 699 pages. Cloth, \$5.00.

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RECORD

VOLUME 1 NUMBER 2

APRIL 1921

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ONE DOLLAR

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UNIVERSITY OF CALIFORNIA RECORD

JANUARY 1 TO MARCH 31, 1921

Volume 1

APRIL, 1921

Number 2

CHARTER DAY

Impressive ceremony marked the Charter Day exercises of the University in celebration of its fifty-third birthday, Wednesday, March 23, 1921. An estimated attendance of 8000 persons in the Greek Theatre heard ex-Governor Frank O. Lowden, of Illinois, deliver an address on representative government.

Charter week exercises began on the evening of March 22 with the delivery of the annual faculty research lecture by Professor Charles Mills Gayley on "The English Poetry of the War."

In the afternoon of Charter Day, the Armes Memorial Chair was dedicated in the Greek Theatre by the Players' Club of San Francisco. Music was under the direction of Paul Steindorff, Choragus of the University.

From 4 to 6 o'clock Mr. and Mrs. Barrows, with Mr. and Mrs. Lowden, received members of the faculty, alumni, and guests of the University in the University Library. Earlier in the afternoon the Varsity baseball team played the Alumni and the St. Mary's College. The new Senior Bench was dedicated to the 1920 champion football team.

On the evening of Charter Day the alumni held their annual banquet in the Hotel Oakland.

At the ceremonies held at the Southern Branch of the University, Professor Walter Morris Hart gave an address on "The Spirit of Scholarship."

CHARTER DAY PROGRAM

President David Prescott Barrows, presiding

Academic Procession.

Processional March.

Invocation (Raymond Cummings Brooks, D.D.).

Announcements by the President.

Oratorio Selection: Chorale from St. Matthew's "Passion."

Charter Day Address—Frank Orren Lowden.

Hymn and Benediction.

ARMES DEDICATION PROGRAM

Violin Solo, "Romance."

Address, "Professor Armes and the Greek Theatre," Professor Thomas F. Sanford.

Address, "Professor Armes and Art," Mr. Haig Patigian.

Vocal Solo, "Omnipotence."

Address, "The Players' Club," Mr. Albert H. Elliot.

Presentation of a Wreath from the English Club of the University, Miss Ruth St. Denis.

University Chimes, "Song of Sacrifice."

\$150 NEW NON-RESIDENT STUDENT FEE

At a special meeting of the Board of Regents held on Tuesday, January 4, 1921, it was voted to increase the non-resident student fee from \$20 a year to \$150 a year, commencing in August, 1921. The facts as to enrollment as presented by the President show that in October, 1920, there were 1151 students enrolled in the University who were listed as non-residents and subject to the fee. Of these students 942 came from the continental United States, including Alaska, 61 from territories and insular possessions of the United States, 38 from China, 8 from Japan, 12 from British India, and 90 from all other countries.

The President's report further showed that while about 20 per cent of the entire student body enter the University each year from other states than California, about one-half of this number take up a bona fide permanent residence and do not become subject to a non-resident fee. The action of the Regents was taken in response to a widely expressed view coming from influential newspapers and from the fiscal authorities at Sacramento that in view of the heavy burden imposed upon the taxpayers of the state for higher education the state of California could not hereafter afford to offer free higher education to students not residents of California. The President stated that the imposition of this fee might yield the University a revenue of \$100,000 a year, but that probably a considerably less sum than this would be obtained by the measure.

UNVEILING OF HEAD OF LINCOLN

Simple and impressive ceremony marked the unveiling of the bronze head of Abraham Lincoln at the University on February 12, 1921, the one hundred and twelfth anniversary of the birth of the martyred president.

Fashioned by the skilful hands of Gutzon Borglum, the American sculptor, the head of Lincoln was revealed to the gathering of people as the cover was drawn from the rough-hewn pedestal on which it had been placed.

President Barrows spoke of the wisdom, charity, and mercifulness of the great American. He described the unveiling of the Lincoln statue last year in Westminster Abbey, London, and added, "Abraham Lincoln on his death became the hero not only of America but of all mankind."

The life of Gutzon Borglum, the sculptor, was sketched by J. Nilsen Laurvik, Director of the Palace of Fine Arts, of San Francisco.

An original poem by J. C. LeClerq, a student of the University, read by Professor S. J. Hume, concluded the ceremony.

MUSEUM OF PALAEOLOGY

Through the generosity of Miss Annie M. Alexander, for many years a devoted friend of the University, who has pledged a donation for a period of years of more than \$8000 annually, the University has begun the organization of a new department to be known as the Museum of Palaeontology.

Effectuated primarily for the advancement of research in palaeontology and historical geology, it is expected that investigations on the fossil mammals and fossil reptiles of the Pacific Coast so notably begun here by Dr. John Campbell Merriam, now President of the Carnegie Institution at Washington, will be continued by the new department. Dr. Merriam was formerly professor of palaeontology and historical geology, and dean of the faculties in the University.

UNIVERSITY ADDS \$2,000,000 TO STATE'S WEALTH

The University of California will add two million dollars to the wealth of the state for the present year through the single instance of experiment station work in producing Mariout barley.

This barley yields an average of 4.3 sacks per acre more than common barley, and it is predicted that 250,000 acres of Mariout will be planted in California this season.

Last year 40,000 of 1,250,000 acres of barley were planted to Mariout in this state, with an increased yield of 172,000 sacks worth \$344,000.

REGENTS PRESENT UNIVERSITY BUDGET

Comptroller Robert G. Sproul has stated the University's maintenance request for the next two years to be in the sum of \$8,876,423. In addition the Regents of the University stated that their building and land needs totalled \$4,833,000, and suggested that the latter sum be included in the State Building Bond program recommended by the Governor in his message to the legislature.

Sproul declared in effect that the people of California would be unable to have their University in the lead with similar universities of America

in scholarship, research, discovery, physical training, education, and teaching, if this drastic cut in funds were not overruled by the legislature.

Sproul's statement follows:

The Regents presented to the Budget Board of the State the following budget for maintenance and operation of the University for the two years 1921-23:

Administration, general maintenance and operation	\$1,565,136
Campus improvements and building additions	269,385
College of Agriculture	2,500,000
Medical School and Hospitals	1,020,000
College of Dentistry	31,000
Hooper Foundation	95,000
School of Architecture	48,420
College of Chemistry	358,020
College of Commerce	231,100
Schools of Education, including Univ. High School	262,000
Colleges of Engineering	402,200
School of Jurisprudence	120,900
College of Letters and Science	1,990,342
University Libraries	310,000
School of Public Health	22,240
Lick Observatory	132,000
Serrips Institution for Biological Research	45,000
Vertebrate Zoology	3,680
University Extension	170,000
Southern Branch Junior College	500,000
	\$10,076,423

Of this total, the Regents informed the Budget Board, an income of \$1,200,000 would be secured from other sources than state appropriations, thus reducing the amount requested from the state for maintenance and operation to \$8,876,423.

In addition to this sum, the Regents presented a statement of the need of the University for new lands and buildings totaling \$4,833,000, with a suggestion that this amount be included in the State Building Plan recommended by the Governor in his message to the legislature. The items constituting this total were as follows:

Physics Building	\$500,000
Education Building	100,000
Engineers' Equipment	50,000
Household Art Building	40,000
Aquarium	6,500
Storehouse	3,000
Stables for Cavalry Unit	3,500
Medical Science Building and Hospital	2,000,000
Dormitories (2 units)	640,000
Lick Observatory Buildings	40,000
Buildings at Davis Farm School	500,000
Land at Southern Branch	200,000
Agriculture land in Berkeley	750,000
	\$4,833,000

Attention is called specially to the fact that this sum was not requested for the coming biennium, but was suggested for inclusion in the Governor's Building Bond program.

Finally, the Regents asked for an appropriation of \$500,000 for the Teacher Training work at the Southern Branch in Los Angeles, and of \$200,000 for the support of beds at the University Hospital for dependent wards of the state. These items were asked for outside of the University budget because of the following facts: The Teacher Training work now conducted in the Southern Branch is the work that was formerly done by the Los Angeles State Normal School, and for it the state would have provided outside of the University budget if that normal school had been continued. The appropriation of \$200,000 for hospital beds was a suggestion from the State Board of Control, and, while the installation of such beds is an advantage to the Regents, it is not an item which the Regents believe should have been assessed against their budget.

The State Board of Control recommended for appropriation by the legislature \$7,162,499.15 for maintenance and operation instead of \$8,876,423, and in addition recommended \$500,000 for Teacher Training work at the Southern Branch at Los Angeles and \$200,000 for beds at the University Hospital. They recommended further that an appropriation of \$1,000,500 be made for new buildings, the total consisting of the following items:

Physics Building	\$500,000
Education Building	100,000
Farm buildings outside of Berkeley	400,500
Total	\$1,000,500

The reduction which will seriously cripple the University for the coming biennium is the reduction of \$1,713,923.85 in the budget requested by the University for maintenance and operation during the coming two years. If this figure is accepted by the legislature, it will mean that no new activities can be undertaken and that the University cannot operate on the high standard which has made it such a credit to the state of California in the past.

THE UNIVERSITY'S ENROLLMENT

The University numerically leads the thirty largest universities in the United States in full-time regular enrollment and in entire number of persons instructed, according to the statement made recently by Raymond Walters, Registrar of Lehigh University, Secretary of the American Association of Collegiate Registrars.

Mr. Walters, in his statistics of registration of thirty American universities for 1920, gives first place to the University of California with a registration of full-time regular students of 11,071, a grand total of resident students of 16,379, and a final sum total of all students instructed of 36,904 persons. Columbia University is given second place with 8,485 students.

James Sutton, Recorder of the Faculties, has declared that the figures in this report are based on enrollment data to November 1, 1920, only, that later figures have brought the total of regular students at the State University to 12,316 persons, and have increased by at least five per cent the grand total of persons under instruction by the University of California during the current academic year.

According to the statistics compiled by Mr. Walters, the University is first in enrollment in liberal arts colleges with 5671 students, followed

by Michigan and Minnesota. The State University leads also in the number of women students in attendance but is third in the attendance of men undergraduates, being exceeded in this respect by Harvard and Michigan.

California has the fourth largest law school, the second largest number of non-professional graduate students, and the second largest number of summer session students.

18,871 STUDENTS AT UNIVERSITY

New record of enrollment of 18,871 students at the University for the academic year 1920-21 is shown in the statistical summary of the officers' and students' directory, issued in February of this year.

Graduates and undergraduates in the departments at Berkeley alone totalled 10,887, with 1198 of the former and 9689 of the latter. San Francisco accounted for 666 students, with 89 in Hastings College of Law, 117 in the Medical School, 4 in the Hooper Foundation for Medical Research, 10 in the curriculum for nurses, 327 in the College of Dentistry, and 119 in the College of Pharmacy.

Los Angeles has 2183 students, with 37 in the medical department, 910 in the junior college, and 1236 in the teachers' curricula of the Southern Branch. Summer Sessions at Berkeley registered 6009 students, and at Los Angeles 1427 students. Deducting duplicate enrollments, the grand total of students affiliated with the University of California is 18,871.

There are 1593 officers and assistants.

521 DISQUALIFIED STUDENTS

Official figures on the number of disqualified students at the University for the semester, August to December, 1920, show that 521 students were unable to return to the University this term because of a failure to pass in at least ten units of registered work, or to have a highly satisfactory standing in at least eight units.

This means that approximately five per cent of the enrolled student body was disqualified. The normal figure is from five to eight per cent, so that the number for the semester is practically the minimum of the average per cent.

Of this number 361 students were men, and 160 were women, but men outnumber women in the total enrollment. Fifteen and seven-tenths per cent of the students disqualified were non-residents of California, although this group, which includes foreigners, comprises but 11.9 per cent of the total student body. Students of foreign birth made up 8.9 per cent of the total number, although this group comprises but 2.5 per cent of the total membership of the students.

CONVENTIONS AND EXHIBITIONS

The Department of Household Art exhibited a loan collection of textile fabrics in Architecture Exhibition Hall, February 2 to 5 inclusive, from 10 a.m. to 5 p.m. In Division One was shown a loan collection of ancient and modern textiles varying in technique and material. In Division Two were seen illustrations of home and laboratory tests to determine fibre content and durability, prepared by household art students in textiles. This portion of the exhibition was shown in the laboratory of the Home Economics Building.

At four o'clock on the afternoons of February 2, 3, and 4, a number of addresses, listed below, were given.

High school principals convened at the University Friday, February 11, and were welcomed by President Barrows. A. Clyde Olney, Commissioner of Secondary Schools, responded with an address. The convention adjourned to Harmon Gymnasium, where they listened to an address by Dr. W. T. Grenfell, of Labrador. In the afternoon they witnessed the military review of the cadets of Junior Units, R. O. T. C., Colonel M. N. Fall, commanding. A luncheon at the Faculty Club on the campus, and a visit to the University Library and the several University departments concluded the session.

An exhibition of paintings, prints, and batiks, by Winold Reiss, was held under the auspices of the Greek Theatre in Architecture Hall, February 21 to 26. The exhibition was made possible through the generosity of Wigginton Creed.

An exhibition of etchings by Frank Braugwyn was held in Architecture Hall daily from 2 to 6 o'clock, and Monday, Wednesday, and Friday evenings, from 8 to 10 o'clock, March 14 to 19. The exhibition was made possible through the generosity of Wigginton Creed.

The twenty-first annual meeting of the Geological Society of America, Cordilleran Section, was held in Bacon Hall at the University, March 26, in conjunction with the Pacific Coast Branch of the Palaeontological Society, the Seismological Society of America, and the Le Conte Club.

The following geologists read papers prepared for the occasion:

B. L. Clark, Assistant Professor of Palaeontology, "The Correlation and Palaeogeography of the Marine Tertiary of California."

A. S. Eakle, Professor of Mineralogy, "The Probable Occurrence of Massive Troilite in Serpentine," and "Jurupaite, a New Mineral from Crestmore."

Leonard Henry, Berkeley, "A Possible Division between the Jurassic and Cretaceous in the Berkeley Hills Section."

G. D. Louderback, Professor of Geology and Dean of the College of Letters and Science, "Certain Marked Differential Movements in the San Francisco Bay Region."

Austin F. Rogers, Stanford University, "Collophane, a Much Neglected Mineral."

W. S. Tangier Smith, Palo Alto, "The Jasperoid of the Joplin District, Missouri, Kansas, and Oklahoma."

Chester Stock, Instructor in Palaeontology, "Late Tertiary Mammalian Remains from near Alturas, Northeastern California."

C. F. Tolman, Jr., Stanford University, "The Temperature Range of Metalliferous Deposits Formed near the Surface."

Chester Stock and E. L. Furlong, Assistant in Paleontology, "A Marsupial from the John Day Oligocene of Logan Butte, Oregon."

P. D. Trask, Berkeley, "A Discussion of the Age of the Briones Formation of Middle California."

A. R. Whitman, Berkeley, "Some New Aspects of the Geology at Cobalt."

C. A. Wilcox, Martinez, "Montezuma Hills."

Bailey Willis, Stanford University, "The Mechanics of the San Andreas Fault."

GIFTS

Miss Annie M. Alexander has pledged herself to give to the University the sum of \$675 the first of each month for the next five years, beginning July 1, 1921, the sums to be held by the University as a fund for investigation in Palaeontology and Historical Geology in a department to be known as the Museum of Palaeontology.

American Red Cross, Berkeley Chapter, a check for \$100 for the purchase of necessary equipment for the Department of Hygiene for the teaching of vocational students in the Department of Public Health Nursing.

American Red Cross, National Headquarters, Washington, D. C., two scholarships to the Salvage and Shop Department of the Berkeley Chapter for students in the Department of Economics, in the sum of \$675 per annum.

Anonymous donor, the sum of \$50, to be deposited with the Union Trust Company of San Francisco to accumulate until the year 2257 A.D. The income from this fund, after the year 2257, is to be used for the maintenance of the University.

Byron Jackson Iron Works of Berkeley, to the Department of Mechanical and Electrical Engineering, one 14-inch Byron Jackson Deep Well Turbine Pump with electric motor to drive the same, valued at approximately \$950.

California State Dental Association, the sum of \$200 for research in dentistry in the Department of Dentistry.

Carnegie Institution of Washington, the sum of \$750, for the support of work of Dr. S. J. Holmes, Professor of Zoology, on the factors of evolution in man.

Congregation Emanu-El, the sum of \$100, the annual contribution for the support of the American School of Oriental Research in Jerusalem.

Regent William H. Crocker, the sum of \$1200, to be applied to the administrative and scientific requirements of the Lick Observatory.

Mr. J. J. Davis, Templeton, a slab of rock containing fossil seal remains occurring in Miocene strata near Templeton, California, to the Museum of Palaeontology.

Durant Lodge No. 268, Free and Accepted Masons, the sum of \$300, for the establishment during the coming year of two "Durant Lodge Scholarships" in the sum of \$150 each. These scholarships were established in honor of Henry Durant, the first president of the University of California, 1870-72.

Fifty dollars by employees of the Comptroller's Office of the University, expended by the Regents in providing Christmas cheer for the children who were in the University Hospital last Christmas.

"Hattie Heller Graduate Scholarship Fund" has been established through the acceptance from an anonymous donor of the sum of \$5000 on March 20, 1921, and the further sum of \$5000 on January 2, 1922.

Mr. W. E. Hering, through Dr. James W. Ward, San Francisco, the sum of \$150 for the support of a scholarship, to be given to a student taking homeopathic instruction at the University Medical School, and to be known as the Constantine Hering Scholarship in Homeopathy.

Keuffel and Esser Company of Hoboken, New Jersey, through their agents, the Grimes Stassforth Stationery Company of Los Angeles, an eight-foot demonstration slide.

Mr. Ralph W. Kinney, a stone base and pedestal for the bust of Abraham Lincoln, by Gutzon Borglum, to be placed near the Sather Tower, valued at approximately \$650.

Dr. E. A. Majors, a graduate of the Medical School, for the use of the University Hospital, arsphenamine (salversan), and neoarsphenamine (neosalversan), to the amount of \$150-\$200, for use of patients who are unable to pay for same.

L. H. Miller, Assistant Professor of Biology, Southern Branch, to the Library of the Southern Branch, two interesting documents bearing on the history of American slavery.

Museum of History, Science and Art (Exposition Park, Los Angeles), to the Department of Palaeontology, a complete plaster reproduction of the skull and skeletal structures of the ground sloth *Nothrotherium* from the Pleistocene asphalt deposits of Rancho La Brea. *Nothrotherium* is a rare genus of mammal occurring in the Pleistocene or Glacial Period and known heretofore only by very fragmentary remains from cavern deposits of Brazil, Texas, and northern California.

Mr. P. S. Newton, secretary of the California Optical Company of Berkeley, the sum of \$28, to be added to Infirmary funds.

Mrs. Charles P. Raymond, through Dr. Philip King Brown, the sum of \$1000 to the George Williams Hooper Foundation for Medical Research.

Mr. E. W. Scripps, a check for \$4000, payable to the Scripps Institution for Biological Research, to be held as a special fund, the amount plus accumulated interest to be paid Dr. W. E. Ritter, in addition to his salary, after his retirement from his present position.

Mr. C. C. Van Liew, San Anselmo, his professional library for the use of the Department of Education.

Mr. Joseph Walker, Jr., Templeton, a fossil whale head and vertebra collected in Miocene strata, near Templeton, to Museum of Palaeontology.

Mrs. Dora F. Williams, the sum of \$100, for the purchase of books for the Department of Music.

REGENTS AND FACULTY

Mr. H. A. Jastro, of Bakersfield, became a Regent of the University ex officio by reason of his election to the presidency of the State Board of Agriculture on February 10. Regent Jastro takes the place of Mr. George C. Roeding.

The following official communication from Jerome B. Kavanaugh, Chief Clerk of the Assembly of the California Legislature, addressed to President Barrows, expressing the gratification of the members of the Assembly at their opportunity of inspecting the activities of the University on the occasion of their recent visit to Berkeley as guests of the California Alumni Association on Friday, March 11, has been received:

Complying with the terms of a resolution adopted by the Assembly, it affords me great pleasure to extend to you, and through you to the University and the Alumni Association, the appreciation of the members of the Assembly for the delightful visit recently made to the campus.

I am sure that the visit was a very pleasant revelation to those members of the legislature who had not previously seen the University grounds, and went a long way in enabling the assemblymen to fully appreciate the University and its needs.

FACULTY

President David P. Barrows was recently notified of his appointment as Lieutenant Colonel on the initial Army General Staff eligible list by a board of selection of which General John J. Pershing was president.

Ira B. Cross, Professor of Economics on the Flood Foundation, has been elected an honorary member of the San Francisco Building Trades Council. He has also been elected to honorary membership in the American Institute of Banking.

C. M. Gayley, Professor of the English Language and Literature, was selected by the Academic Senate to be the Faculty Research Lecturer for 1921. The subject of his address was "The English Poetry of the War." Since 1913, the year in which this lectureship was inaugurated, the following professors have been honored by their colleagues: W. W. Campbell, J. C. Merriam, A. O. Leuschner, F. P. Gay, H. E. Bolton, R. Schevill, G. N. Lewis.

J. W. Gregg, Professor of Floriculture and Landscape Gardening, represented the University at the State Art Conference held April 7 and 8 at the Southern Branch of the University in Los Angeles.

R. S. Holway, Professor of Physical Geography, presented a paper before the meeting of the Association of American Geographers at Chicago January 1, on "The Streams and Ocean Terraces in Relation to Recent Earth Movements."

H. E. Van Norman, Professor of Dairy Management and Dean of the University Farm, has been called to Washington, D. C., by the Assistant Chief of the Bureau of Animal Industry of the Federal Department of Agriculture, to assist in the organization of plans for the conduct of a World's Dairy Congress to be held in the United States in 1922. He was re-elected for the tenth time President of the National Dairy Association.

S. S. Maxwell, Associate Professor of Physiology, left Berkeley March 7 for Washington, D. C., to participate in a conference called by the National Research Council. Dr. Maxwell reported to the Conference on his researches on equilibrium and the functions of the internal ear.

APPOINTMENTS*

Professors: G. L. Hendrickson, Sather Professor of Classical Literature, January to June, 1922; D. T. Mason, Forestry.

Assistant Professor: E. H. Hughes, Animal Husbandry, August 1.

Instructor: H. N. Wright, Electrical Department, March 1.

Instructors in the Department of Dentistry: G. S. Delamere, Pathology; C. D. Gwinn, Extracting, October 15; Louise McRoberts, Bacteriology.

Lecturers: E. D. Adams, Modern History; E. W. Barnhart, Education; C. W. Blanchard, Education, February 15; W. J. Cooper, Education; D. W. Dickie, Marine Engineering and Naval Architecture; F. M. Hunter, Education; W. B. Philip, Commercial Pharmacy, in the College of Pharmacy; Jay Reed, Banking; H. B. Wilson, Education.

Associates: S. Lockett, Veterinary Science, February 15; Mrs. Marion B. Knight, Physical Education; V. Spencer, Music, Southern Branch, February 1.

Specialists in Agricultural Education: T. O. Morrison, Mrs. Etta A. Pinnell, January 16.

Assistants: Leone Arnold, Anatomy; R. E. Berry, Accounting, July to December 31, 1920; Helen Bloodgood, Hygiene; Florence Boddy, Hygiene; W. H. Cudaback, Agricultural Extension, January 16; Jessie Easton, Bacteriology; Lillias D. Francis, Household Science; Mary E. Freyer, Anatomy; W. E. Gilfillan, Agricultural Extension, January 16; C. A. Glover, Accounting, July to December 31, 1920; J. B. Hammon, Agricultural Extension, January 16; M. H. Hirschfeld, Neuropsychiatry; P. J. Hopkins, Physics; E. H. Howell, Applied Homeopathic Therapeutics; Helen M. Hoyle, Anaesthesia, February 26; H. K. Ihrig, Chemistry; C. A. Jenks, Chemistry; Mrs. Edythe S. Katten, Social Economics; Vernie Liteh, Bacteriology; E. M. MacKay, Biochemistry; Mrs. A. P. McKinlay, Latin, Southern Branch, January 25; Marion Mills, Biochemistry, January 24; L. M. Morris, Medicine; E. H. Powell, Applied Homeopathic Therapeutics; W. D. Ramage, Chemistry; J. J. Samson, Pathology; E. D. Schlaman, Agricultural Extension from February 15; G. N. Scofield, Chemistry, Southern Branch; D. Sprong, Astronomy, from February 1; E. J. Stirnimian, Agricultural Engineering; R. E. Storie, Soil Technology.

* Unless otherwise stated, date from January 1, 1921, to June 30, 1921.

Teaching Fellows: Elizabeth Balderston, English; F. S. Leonard, Lick Observatory.

Assistant Superintendents in the University High School: Robert Brownlee, Social Studies and Editor University High School Journal; Chester Fee, Physical Education; Miss Louise Kidder, Social Studies in the Junior High School.

Teacher: L. H. Day, Pomology, University Farm School.

University Examiner: R. S. Minor, Professor of Physics.

General Superintendent of Official Advanced Registry Tests: A. H. Folger.

Physician for Men, Southern Branch: Dr. E. C. Fishbaugh, July 1, 1920.

PROMOTIONS AND CHANGES IN TITLE*

A. P. McKinlay, Assistant Professor of Latin, Southern Branch, given additional title of Registrar.

W. A. Perkins, Instructor in Pathology, from Assistant in Pathology and Surgical Pathology (two-thirds time), December 1.

Mrs. Mary T. Paine, Associate in Mathematics, from Assistant.

LEAVES OF ABSENCE†

Professors: G. P. Adams, Philosophy, 1921-22; W. T. Clark, Agricultural Extension, 1921-22; J. W. Gilmore, Agronomy, March 15, 1921 to 1922; B. P. Kurtz, English, 1921-22; G. R. Noyes, Slavic Languages, 1921-22; T. H. Reed, Political Science, 1921-22; L. J. Richardson, Latin, and Director University Extension, 1921-22; W. E. Ritter, Zoology, and Director Scripps Institution for Biological Research, February 15 to June 30, 1921.

Associate Professors: H. L. Bruce, English, 1921-22.

Assistant Professors: L. Bacon, English, 1921-22; P. B. Fay, French, 1921-22; F. Irwin, Mathematics, July 1 to December 31; W. C. Perry, Architecture, January 7 to December 31; L. M. Price, German, 1921-22; W. S. Thomas, Education and Examiner of Schools; R. S. Vaile, Orchard Management, 1921-22.

Instructors: Miss Alma Patterson, Education, Southern Branch, January 25 to June 30; L. P. Player, Urology, January 25 to April 30.

Associate: Caroline Duncan, Public Speaking.

Assistants: Mrs. Daisy L. Bunnell; E. L. Bruek, Medicine and Assistant Resident Physician, University Hospital, May 6 to June 15; W. E. Carter, Pediatrics.

* Date from January 1, 1921, unless otherwise noted.

† Unless otherwise designated, for the period January 1 to June 30, 1921.

RESIGNATIONS*

Assistant Professors: F. C. H. Flossfeder, Viticulture, and Superintendent of Grounds at University Farm, from January 31; R. N. Hagen, Agricultural Extension.

Instructors: E. J. Horgan, Surgery, February 15; G. D. Lyman, Pediatrics.

Lecturer: E. W. Barnhart, Education, February 15.

Associate: H. F. Greif, Music, Southern Branch, January 31.

Assistants: F. S. Baxter, Otology, Rhinology, and Laryngology, December 11; Doris Bockius, Household Science; Elizabeth Ferguson, Botany; W. H. Hampton, Chemistry; G. B. Maas, Physics; A. E. Way, Viticulture.

Teaching Fellows: H. M. Jeffers, Lick Observatory; F. C. Leonard, Astronomy.

University Examiner: B. M. Woods, Professor of Aerodynamics.

Superintendent of Hahnemann Hospital: Marion Clark.

Assistant Curator in Osteology in Museum of Vertebrate Zoology: H. C. White, March 1.

Registrar Southern Branch: Miss Mabel Nettleton, January 25.

STUDENTS AND ALUMNI

Ten students of the School of Jurisprudence in Boalt Hall were successful in the state bar examinations held in January and were admitted to practice in the state and federal courts on March 9. The new attorneys are: C. H. Jacobs '16, R. H. Morrison '16, C. J. Carey '17, W. S. Chapman '18, Agnes Polsdorfer '18, Joseph Sharp '18, W. C. Bartlett '19, H. A. Mazzera '19, J. J. Posner '19, and L. D. Sanderson '19.

Practical equality of scholarship records of students at the University in Berkeley and at the Southern Branch of the University in Los Angeles was revealed with the recent announcement that 5.27 per cent of the students at Berkeley were disqualified last semester, as compared with 5.33 per cent at Los Angeles. Forty-four students were disqualified at the Southern Branch in a total of 826 undergraduate students, and 510 in a total of 9669 undergraduate students at the University in Berkeley.

The Southern Branch disqualified 7.23 per cent of its men students and 3.41 per cent of its women students. The University's corresponding figures were 6.69 per cent for the men, and 3.6 per cent for the women.

Balancing of scholarship records of fraternity and of non-fraternity men at the University of California is shown by the following statements: 7.89 per cent of the non-fraternity men, or 252 of a total of 3195 were disqualified during the semester, August to December, 1920, while 6.31 per cent of the fraternity men, or 98 of a total of 1552 fraternity and house club men were unable to pass in the required units of study in the same period.

* Date from December 31, 1920, if not specified.

University authorities stated on the basis of the last comparative compilation made, in the spring of 1920, that the general average scholarship grades of fraternity men, however, were probably lower for the semester than the general average grades of the non-fraternity men.

Of the forty-six fraternities and house clubs of the University of California the following had no members disqualified during the last semester: Al Ikhwan, Alpha Chi Sigma, Kappa Sigma, Psi Upsilon, Sigma Nu, and Sigma Phi. Other houses and fraternities ranged in the number of disqualifications from one to seven, or from 2.4 to 20 per cent.

HONOR SOCIETY ELECTIONS

Alpha Nu

Alpha Nu, the nutrition honor society, elected the following: Lillias Francis '20, Cynthia Watson '20, Hazel Lampert '21, and Mabel Trindade '21.

Alpha Tau

Alpha Tau, professional fraternity for women taking the pre-nursing course, has been organized on the campus, with the following officers: Esther Gilkey '23, president; Irene Wilson '23, vice-president; Julia Greeley '22, secretary; Vivian Coats '22, treasurer.

Beta Gamma Sigma

Beta Gamma Sigma, national commercial honor society, elected the following: associate: C. H. Bentley '91, N. H. Esberg '96; faculty: William Leslie and Felix Fluegel; juniors: C. S. Coates, W. H. De Sellem, J. W. Otterson, H. W. Reed, L. C. Rowell, and F. E. Thies.

Delta Epsilon

Delta Epsilon, art honor society, initiated the following: honorary: Professor J. G. Howard, Dr. S. C. Pepper, Professor O. M. Washburn, Mrs. R. S. Holway, Mrs. A. Swainson; active: Alice Humphrey '15, Mildred Meyer '20, Marguerite Hayes '21, Irene McFaul '21, Thelma Tipton '21, Dorothy Barnard '22, Inez Dorsey '22, Dorothy Brentholts '23, Esther Easton '23, Katheryn Humphreys '24.

English Club

English Club initiated the following: F. W. Bartlett '22, Helen Bell '22, Josephine Brown '21, D. W. Davenport '22, D. J. Gillies '22, Van Allen Haven '22, Merry Hunter '22, A. D. Hyman '21, H. R. Luck '22, Minora McCabe '21, Buckley McGurrin '21, Lee Neideffer '22, Elwyn Raffetto '22, J. P. St. Sure '22, Marian Thanhouser '22.

Eta Kappa Nu

Eta Kappa Nu, electrical engineering honor society, elected the following: L. W. Towner '19, R. W. Griffin '21, H. R. Berry '22, R. A. Hall '22, T. H. McMurray '22, E. F. McNaughton '22, W. H. Newton '22, R. N. Phelan '22.

Gamma Epsilon Pi

Gamma Epsilon Pi, honor society for women in the College of Commerce, elected the following: Dorothy Klein '21, Isabel Avila '22, Salome Boyle '22, Muriel Cooper '22, Josephine Hankla '22, Marian Lewis '22, Lucile Rounds '22, Mildred Simonds '22.

Lambda Upsilon

Lambda Upsilon, public health honor society for women, initiated the following: Katherine Owens '20, Dorothy Franklin '21, Helen Gardiner '21, Zelda Battilana '22, Florence Carlson '22, Dorothy Doyle '22.

Mask and Dagger

Mask and Dagger, the dramatic honor society, initiated the following: honorary: Miss Florence Lutz; active: F. N. Cohn '22, Charles Gates '22, E. C. Rafetto '22, W. C. Plunkett '23, Raymond Pollock '24, Bernardine Holdridge '24.

Phi Alpha Delta

Phi Alpha Delta, legal fraternity, initiated the following seniors: A. L. Abrott, R. J. Harter, R. L. Hall, C. C. Hildebrand, L. A. LeBarron, M. A. LeBarron, S. C. McClintie, C. Nielsen, K. R. Nutting, H. E. Olney.

Phi Beta Kappa

Announcement of the election of 59 students of the University to the Alpha Chapter of Phi Beta Kappa, the national scholastic honor society, was made as follows: Ruth Allen, Milbrun Atcheson, R. A. Beals, Benjamin Benas, L. L. Brown, H. L. Burrell, E. F. Burrill, Cora Burt, Margaret Cralle, Charmian Crittenden, Camilla Daniels, R. A. Davidson, Catherine Davis, Dorothy Davis, Dorothy Deardorf, Fernande deGhetaldi, A. B. Dunne, Milly Edwards, Leona Fassett, Mary Freyer, Francis Gilchrist, Wilhelmina Godward, Arda Green, K. O. Haldeman, V. E. Hall, Carrie Haney, C. C. Hildebrand, Ruth Hillerman, G. T. Hine, Mildred Hurd, T. R. James, Livingston Jenks, Mildred Johnson, Dorothea Kerr, Martha Knott, Ophelia Kroeger, E. S. Leonard, Jr., Mary Levendusky, Constance Lilley, Lora Lind, Joan London, Mary McPike, Eleanor Malie, (Mrs.) Grace Montgomery, Helen Murdoch, R. W. Nickell, Marion Phillips, Ruth Pinkerton, Evelyn Pullen, Emelia Rabin, I. R. Robinson, Leslie Simpson, N. J. Spykman, N. D. Stafford, Elenore Stratton, Helen Taussig, Elizabeth Terry, Constance Topping, Dorothy Willett, Zara Witkin.

Phi Delta Phi

Phi Delta Phi, national legal fraternity, elected the following: honorary: R. L. McWilliams, W. M. Simmons; active: Donald Armstrong, H. L. Burrell, C. W. Cooper, W. N. Keeler, T. J. Kemp, T. H. Louttit, M. J. Mulkey, I. L. Neumiller, P. S. Packard, C. L. Rowe, J. M. Scott, H. M. Stevens, G. L. Stevick, R. M. Thomas, S. J. Tupper, W. A. White, E. C. Woodward. From Hastings Law School: C. O. Bahr, Ferand Leicester, J. W. Radil, Charles Richardson, Jr.

Pi Delta Phi

Pi Delta Phi, French national honor society, elected the following: J. C. LeClerq '21, Henry de Roulet '22, Leona Fassett '21, Dorothy Puehler '21, Marion Schell '21, Rose Hardstein '21, Grace Ross '21, Etienne Verbiste '21, Edith Sandercock '22, Frederica Rosso '22, Marie Teissiere '22, Isabelle Ryan '23.

Pi Sigma Gamma

Pi Sigma Gamma, the Latin honor society, initiated the following: Lillie Isom '20, Collice Henry '21, Lena Morrill '21, Mildred Johnson '22.

Prytanean

Prytanean Society elected the following: honorary: Margaret Murdock '17; graduate: Edith Pasmore; seniors: Ruth Barnes, Faith Cushman, Edith Daseking, Margaret Grimes, Hazel Lampert, Margaret Lawton, Lorna McLean, Mary Martin, Louise Meileke, Margaret Tinning, Bethany Westenberg, Dorothy Wright; juniors: Grace Allen, Isabel Baylies, Helen Bell, Elizabeth Bullitt, Cless Chedie, Madora Irwin, Margaret Pope, Alma Smith, Kathryn Springborg, Helen Taylor, Catherine Weger.

Theta Tau

Theta Tau, professional engineering society, initiated the following men: F. B. Champion '21, H. L. Burchfiel '22, C. J. Dean '22, L. H. Chapman '22, V. D. Perry '22, and P. J. Shenon '22.

Torch and Shield

Torch and Shield elected the following: Margaret Cohn '21, Margaret Bravinder '22, Helen Bell '22, Elizabeth Bullitt '22, Madora Irwin '22, and Nita Robertson '22.

Sigma Kappa Alpha

Sigma Kappa Alpha, women's history honor society, initiated the following: Marion Brown '16, Jane Swanson '18, Lotus Dyer '21, Dorothy Willett '21.

Tau Beta Pi

Tau Beta Pi, engineering honor society, initiated the following: M. W. Thornburg '18, P. L. Berlin '21, R. B. Smith '21, C. C. Ashley '22, J. H. Ashley '22, V. Ayvas-Oglou '22, Harold Bills '22, W. P. Goss '22, H. R. Howells '22, J. H. Kitchen '22, J. A. McCone '22, E. F. McNaughton '22, V. D. Perry '22, F. A. Polkinghorn '22, L. E. Reukema '22, G. E. Wotten '22.

Tau Kappa Phi

Tau Kappa Phi, art honor society, initiated the following: J. P. Hull '21, J. B. Matthew '21, Ernest Born '22, L. C. Maurer '22, V. V. Ayvas-Oglou '22, E. F. Murphy '23.

Tau Psi Epsilon

Tau Psi Epsilon, the psychology honor society, elected the following: Mary Cromer '22, Edna Dessery '21, Margery Mower '21, Mary Sherwood '21, Jessie Thornton '21, Eleanor Thrum '21, Valerie Arnold '22, S. B. McCharles '22.

ALUMNI

That graduates of the University are definitely to share in shaping the policy of their alma mater was determined at the February meeting of the Board of Regents in the form of a resolution expressing the Regents' desire for and appreciation of any suggestions which the graduates of the State University may offer at any time as to the general policies which should control the University.

During January and February considerable time was devoted to the launching of a campaign to increase the membership in the Alumni Association. The week of March 14-19 was set aside for the call for subscriptions week. About one hundred new members have been secured up to the close of March, and ten alumni have become life members to date. The work of securing more members in the association will continue.

The Association has been active on behalf of the University. It assisted in bringing a large body of alumni to attend the meeting at Sacramento before the committee of assemblymen and senators when the proposed separation of the College of Agriculture from the University was discussed. The meeting was attended by the largest group of persons that attended any conference in the Capitol this legislative session.

President Warren Gregory appointed a committee of twenty-five to study the report of the Special Legislative Committee on Education, which was authorized by Senate Concurrent Resolution No. 21, adopted in the forty-third session of the legislature. This legislative committee has made some unusual recommendations affecting the University. The alumni committee will during the next two years devote time and thought to the report and will submit its own recommendations.

On March 11 the Alumni Association brought the members of the Assembly to the campus in order that they might see some of the University's problems at first hand. Sixty-five of the eighty men and women who comprise the Assembly came by special train which left Sacramento at 8:15 and arrived at 10:55. The delegation was at once taken to Harmon Gymnasium where a University meeting was held. Mr. Speaker H. W. Wright, Assemblymen A. A. Rosenshine '04, C. M. Kline, chairman of the University Committee, and Assemblywoman Mrs. Anna L. Saylor, representing Berkeley, were the speakers. From 12 o'clock to 1 o'clock a special military review by the R. O. T. C. unit was held in honor of the visitors. At 1 o'clock they were the guests of the association at luncheon at the Faculty Club. From 2:30 to 4 the time was spent in visiting various points of interest on the campus and from 4 to 6, President and Mrs. Barrows gave a tea in their honor. A committee of thirty-five faculty members and alumni acted as a reception committee during the day.

Richard H. Scofield '19 has been elected to one of the two Rhodes scholarships-at-large, out of a field of seventeen candidates recommended by appointing boards in seventeen states in the Union.

UNIVERSITY MEETINGS

January 14—President David P. Barrows.

January 29—John Adams Scott, Head Professor of Greek in Northwestern University, Sather Professor of Classical Literature, "Avocations." Charles Edward Chapman, Associate Professor of Latin American and Californian History, and former Chilean Exchange Professor, "Chile."

February 11—Wilfred Thomas Grenfell, of Labrador.

February 25—R. G. Gettell, Professor of Political Science in Amherst College, and H. R. Hatfield, Professor of Accounting on the Flood Foundation, and Dean of the Faculties.

March 11—University meeting in honor of the members of the Assembly of the California Legislature. Speakers: Hon. Henry W. Wright, Speaker of the Assembly; Hon. Anna L. Saylor, Assembly-woman, Berkeley; Hon. Albert A. Rosenshine, Speaker pro tempore of the Assembly; Hon. Chester M. Kline, Chairman, Assembly Committee on Universities. Music by the University of California Glee Club.

HALF HOUR OF MUSIC

(Sunday afternoons in the Greek Theatre)

March 6—Four vocalists under direction of H. B. Pasmore: Althea Burns, Rosabelle Scott, Cletus Howell, and H. B. Pasmore.

March 13—Mme. Marie Leidner-Jansen, in piano interpretations of Henry Jansen's compositions.

MUSICAL AND DRAMATIC EVENTS

(Held in Wheeler Auditorium unless otherwise specified)

January 15—"Fanny's First Play," by George Bernard Shaw.

January 22—Second performance of "Fanny's First Play."

January 29—"Change," by J. O. Francis. A drama of Welsh life.

February 5—Second performance of "Change."

February 9—E. A. Guest, poet-journalist, in a programme of readings from his own books of verse.

February 12—"If Shakespeare Lived Today" and "Fame and the Poet," by Lord Dunsany, together with "Wurzel-Flummery," by S. A. Milne.

February 14—Talks on Symphonies. Donald B. Clark, illustrated at the piano.

February 17—San Francisco Symphony Orchestra, Harmon Gymnasium.

February 19—Second performance of "If Shakespeare Lived Today" and "Fame and the Poet," by Lord Dunsany, together with "Wurzel-Flummery," by S. A. Milne.

February 24—San Francisco Symphony Orchestra, Harmon Gymnasium.

February 25—University Players Club in three plays: "Singing Pool," "Lonesome Like," and "The Promise." Twentieth Century Club.

February 26—"Bernice," by Susan Glaspell, followed by "'Ilda's Honourable," by Gertrude Robins.

March 1—Berkeley Musical Association. Anna Case, soprano, accompanied at the piano by Claude Gotthelf. Harmon Gymnasium.

March 3—San Francisco Symphony Orchestra, Alfred Hertz directing. Harmon Gymnasium.

March 5—Second performance of "Bernice," by Susan Glaspell, followed by "'Ilda's Honourable," by Gertrude Robins.

March 10—San Francisco Symphony Orchestra. Harmon Gymnasium.

March 12—Gala popular concert by the Augmented Symphony Orchestra, Alfred Hertz conducting. Harmon Gymnasium.

March 12—Second performance of Bernard Shaw's "Pygmalion."

March 15—Joint Recital by Lawrence Strauss, tenor, and Stephanie Shehatowitch, pianist.

March 17—Berkeley Musical Association, Harmon Gymnasium.

March 19—Third performance of "Pygmalion," by G. Bernard Shaw.

March 22—First of the three Beethoven Sonata Recitals by Sigmund Beel, violinist, and George Stewart McManus, pianist.

March 23—Concert by San Francisco Chamber Music Society.

March 24—Berkeley Musical Association, fourth concert: Mr. Emilio de Gorgorzo, baritone; Miss Helen M. Winslow, pianist. Harmon Gymnasium.

March 25—Good Friday Concert, Greek Theatre: soloists: Myrna Sharlow, soprano; Maude King Clark Upham, mezzo-soprano; John B. Siefert, tenor; George W. Piner, tenor; Henry L. Perry, bass. "Stabat Mater," Rossini. "The New Earth," Hadley. Paul Steindorff, conductor.

March 26—"Beyond the Horizon," by Eugene O'Neill.

March 29—Second of the three Beethoven Sonata Recitals by Sigmund Beel, violinist, and George Stewart McManus, pianist.

LECTURES

January 17—Mrs. Herbert Hoover, "American Help for Eastern Europe."

January 18—Sherwood Eddy, National Secretary for Asia of the Y. M. C. A., "The Challenge of the Present World Situation."

January 19—Sherwood Eddy, "The Challenge of Student Problems."

January 20—Sherwood Eddy, "The Challenge of a Rational Faith for the Modern Man."

January 20—W. V. Cruess, Assistant Professor of Fruit Products, "Botulism in Fruit Canning."

January 20—Charles Derleth, Jr., Professor of Civil Engineering, and Dean of the College of Civil Engineering, "Civil Engineering as a Profession."

January 20—Mrs. Sherwood Eddy, "Students of Other Lands." Before Y. W. C. A.

January 20—L. T. Jones, Assistant Professor of Physics, "The Peculiarities in the Velocity of Sound."

January 25—President David P. Barrows, and Miss Lucy Ward Stebbins, Dean of Women, "College Morals."

January 25—H. J. Eustace, Curtis Publishing Company, "Advertising of Fruit Products."

January 26—M. O. O'Shaughnessy, City Engineer of San Francisco, "Construction of the Hetch Hetchy Project." Illustrated by moving pictures.

January 27—Elwood Mead, Professor of Rural Institutions, "Rural Problems of California as Seen in the East."

January 28—G. M. Stratton, Professor of Psychology, "On Being Suitably Angry." Before Philosophical Union.

January 31—Florin Cajori, Professor of the History of Mathematics, "The Evolution of the Dollar Mark." Illustrated.

February 1—C. H. Hyde, Professor of Sanitary Engineering, "The Sanitary Engineer."

February 1—Frank Sweet, President Pear Growers' Association of California, "The Pear Industry of California."

February 2—E. S. Carman, President American Society of Mechanical Engineers, "The Engineer and His Opportunities."

February 2—O. M. Washburn, Associate Professor of Classical Archaeology, "The American School of Classical Study at Athens."

February 3—J. W. Beckman, "The Economic Competition of the Pacific Coast with the Atlantic."

February 3—W. H. Williams, Instructor in Physics, "The Gravitational Shift of Lines in the Solar Spectrum."

February 4—R. P. Utter, Associate Professor of English, "The Case Against Grammar."

February 7—Richard Barrows, Special Commercial Commissioner for the Chilean Government in the United States, "Chile." Illustrated by motion pictures.

February 8—Leonard Bacon, Assistant Professor of English, "Rhythm in English Poetry." Before Fine Arts Association.

February 8—Sam Higginbottom, "Agriculture in the Upbuilding of a Nation." Before Agricultural Club.

February 10—V. A. Belaunde, Professor of International Law and Political Science, University of San Marcos, Lima, Peru, "South American Problems."

February 11—W. T. Grenfell, of Labrador, "The Romantic Story of Labrador."

February 15—Harry Morse, chemical engineer, "Pacific Coast Chemical Industries."

February 15—A. D. Shamel, "Bud Selection."

February 17—G. A. Pomeroy, Assistant in Physics, "Harmonic Oscillations of the Level of the Lakes."

February 18—S. C. Pepper, Instructor in Philosophy, "The Place of the Critic."

February 19—E. B. Babcock, Professor of Genetics, "Some Suggestions for the Improvement of Native Plants." Before California Botanical Society.

February 22—Major Ulysses S. Grant, U. S. A., and Major Reed Chambers, O. R. C. Patriotic addresses in observance of Washington's birthday.

February 23—Mrs. W. W. Osborn, "Character Analysis." Before Theosophical Club.

February 23—Irving Pichel, "The Theatre Today and Tomorrow."

February 25—Harlow Shapley, Mount Wilson Observatory, "The Galactic System."

March 1—Florian Cajori, Professor of the History of Mathematics, "Medieval Methods of Computing on the Exchequer and other Counting Boards." Illustrated.

March 1—Archbishop E. J. Hanna, "The Individual and the Present Crisis."

March 1—G. P. Rixford, "Figs and Pistachio Nuts."

March 3—Elmer Dersham, Instructor in Physics, "Stellar Photography and the Photoelectric Cell."

March 3—Archbishop E. J. Hanna, "Religion in the Life of the Community."

March 4—B. H. Lehman, Assistant Professor of English, "Research Viewed in Relation to Criticism: Babbitt's 'Rousseau and Romanticism.'"

March 6—P. L. Faye, Associate Curator, Anthropological Museum, "Skull Fashions of Ancient Peru."

March 7—A. E. de Ricqlès, "The Great Agencies of the Livestock Industries."

March 8—Col. H. S. Cole, St. Paul, "Rural Credits," and L. J. Kelly '14, "Modern Methods of Dairying." Before Agriculture Club.

March 9—Signora Olivia Rossetti Agresti, "The Pre-Raphaelite Movement."

March 9—Mrs. Elsie Makins, "Thought Power." Before Theosophical Club.

March 11—C. W. Merrill '96, "Opportunities for Mining Engineers in Australia."

March 12—Mrs. Roxanna Ferries, Stanford University, "Some Plants of the Santa Cruz Mountains." Before California Botanical Society.

March 15—G. B. Smith, Professor of Christian Theology in University of Chicago, "The New Day in Religious Thinking."

March 16—J. F. Mazandarani, Imperial University of Persia, "History of Education in Persia."

March 16—C. G. H. Rosen, "Modern Marine Diesel Engines."

March 17—H. E. Hoagland, Professor of Railroad Transportation and Public Utilities in Ohio State University, "The American Railroad Problem."

March 17—M. G. Huidobro, Consul-General of Chile in San Francisco, "Economic Conditions in Chile."

March 17—W. J. Raymond, Associate Professor of Physics, "A New Harmonic Curve Writer."

March 18—J. P. Ault, Commander of the "Carnegie," "Cruise Six of the Yacht Carnegie, the Non-Magnetic Vessel of the Carnegie Institution."

March 18—J. R. Howard, President American Farm Bureau Federation, "The Farm Bureau Movement in America."

March 22—P. L. Faye, Associate Curator of the Anthropological Museum, "Inca Skulls and Mummies."

March 22—C. M. Gayley, Professor of the English Language and Literature, "The English Poetry of the War." Annual faculty research lecture.

March 22—Warren Gregory, President Alumni Association, "Preparation and Procedure of Civil Cases." Before Pre-Legal Association.

March 23—Frank O. Lowden, Charter Day Address.

March 24—T. H. Morgan, Professor of Experimental Zoology in Columbia University, "The Interrelation of Mutation, Heredity and Development."

March 28—Lieut.-Col. C. W. Furlong, "Turkey, the Cross Ways of the World."

March 30—Gregory Zilboorg, editor, author and lecturer, "The Spirit of the Russian Drama."

March 31—V. F. Lenzen, Assistant in Physics, "The Extension of the Quantum Theory to Systems of Several Degrees of Freedom."

March 31—F. M. Russell, "Present Economic Conditions in the Saar Valley."

SPECIAL LECTURE COURSES

EXTENSION DIVISION

Furlong Lectures

Two illustrated lectures were given by Lieut.-Col. Charles W. Furlong, F.R.G.S., explorer, author, artist, soldier, in San Francisco.

March 31—Dalmatia and the Balkans.

April 1—Turkey, the Cross Ways of the World.

Psychology

G. M. Stratton, Professor of Psychology, delivered a series of six lectures in San Francisco on the general subject of psychology.

February 11—Experiments on the Mind, Their Character and Value.

February 18—The Subconscious and Its Importance.

February 25—The Training of the Will, the Use of the Motives: Ambition, Love, Cupidity, Curiosity.

March 4—Where Has Psychology Left Religion?

March 11—The Teaching of Morals and Religion.

DEPARTMENT OF HOUSEHOLD ART

During the exhibit of a loan collection of textile fabrics by the Department of Household Art, from February 2 to 5, talks were given daily at 4 p.m. by the following speakers:

February 2—Mrs. Charles A. Kofoid, "Indian and Javanese Decorative Textile Process."

February 3—Mr. Ray Coyle, "University Education the Foundation of an Artist's Life."

February 4—Mr. Chester Rae, "The Technical Processes of Colonial Weaving."

POPULAR SCIENCE LECTURES

A series of popular science lectures under the auspices of California Academy of Sciences was given at the Academy's Museum on Sunday afternoons at Golden Gate Park in San Francisco. The lectures were illustrated.

E. P. Lewis, Professor of Physics, University of California, gave three lectures:

January 2—Atoms and Ions.

January 9—Electrons and Positive Rays.

January 16—Radioactive Transformations.

E. C. Slipher, Lowell Observatory, Flagstaff, Arizona, gave one lecture:

January 23—Photography of the Planets, with Special Reference to Mars.

D. L. Webster, Professor of Physics, Stanford University, gave three lectures:

January 30—General Properties of X and Gamma Rays.

February 6—X-Ray Spectra.

February 13—The Structure of Atoms.

February 20—"How Uncle Sam's Money is Wasted," Edward Berwick, Member Institute of International Law.

February 27—Harlow Shapley, Mount Wilson Solar Observatory, "The Dimensions of the Stellar Universe." Illustrated.

March 6—W. B. Herms, Associate Professor of Parasitology, University of California, "Eighteen Thousand Miles in Search of Mosquitoes in California: How and Why," Illustrated.

March 13—H. S. Smith, Entomologist, State Department of Agriculture, "Parasitism among Insects." Illustrated.

March 20—E. C. Van Dyke, Assistant Professor of Entomology, University of California, "Some Injurious Forest Insects of California." Illustrated.

March 27—C. W. Woodworth, Professor of Entomology, University of California, "Evolution of the Ancient Orders of Insects." Illustrated.

DEPARTMENT OF PUBLIC SPEAKING

Miss Florence Lutz, Lecturer in Voice Culture, gave a series of readings on Wednesday evenings at 8 o'clock in the auditorium of Wheeler Hall, as follows:

- January 19—"The Famous Mrs. Fair" (a comedy), by James Forbes.
 February 9—"T. Tembarom," by Frances Hodgson Burnett.
 March 2—"The Mysterious Stranger," by Mark Twain.
 March 16—"A Kiss for Cinderella" (a comedy), by J. M. Barrie.

SATHER LECTURES

Dr. John Adams Scott, Head Professor of Greek, Northwestern University, and Sather Professor of Classical Literature, delivered the Sather Lectures on Classical Literature, for the semester January to May, 1921. The subject of the lectures was "The Unity of Homer."

- February 9—Homer among the Ancient Greeks.
 February 16—The Arguments of Wolf.
 February 23—The Linguistic Arguments.
 March 2—The Antiquities and Kindred Matters.
 March 9—The Contradictions in Homer.
 March 16—The Individualization Gods and Heroes.
 March 30—Hector.
 April 6—The Iliad and the Odyssey.

UNIVERSITY PRESS PUBLICATIONS

GEOLOGY

The Mobility of the Coast Ranges of California. An Exploitation of the Elastic Rebound Theory, by Andrew C. Lawson. Price, 60 cents.

SEMITIC PHILOLOGY

The Annals of Abû l'Mahâsin Ibn Taghrî Birdî, vol. 6, part 4. Price, \$1.50.

UNIVERSITY OF CALIFORNIA
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VOLUME 1 NUMBER 3

JULY 1921



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APRIL 1 TO JUNE 30, 1921

Volume 1

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Number 3

COMMENCEMENT WEEK

The largest class in the history of the University was graduated at the fifty-eighth Commencement in the Greek Theatre on Wednesday, May 11, when 1651 students were awarded bachelor and higher degrees. This number marked an increase of twenty-eight per cent over the number of students (1291) graduated in 1920. Since 1912 the totals of degrees awarded are chronologically 725, 893, 968, 1080, 1164, 907, 983, and 1291.

Segregated into classes, degrees were conferred as follows: 1039 bachelor of arts, 266 bachelor of science, 150 master of arts, 17 master of science, 36 juris doctor, 29 doctor of medicine, 25 doctor of philosophy, 35 doctor of dental surgery, 44 graduate in pharmacy, 3 pharmaceutical chemist, 1 bachelor of pharmacy, 6 bachelor of laws. Higher degrees totalled 346 as against 216 last year.

Adjutant General J. J. Borree, representing Governor W. D. Stephens, delivered the military commissions to 55 cadets of the University.

The student speakers at Commencement and the topics of their addresses were: Charles Coleman Berwick, San Francisco, Medical School, "Medical Progress and Research"; Constance Margaret Topping, Berkeley, College of Letters and Science, "Neglected Factors in Modern Education"; Zara Witkin, San Francisco, College of Civil Engineering, "The Public Need of Engineering Leadership"; and Clifton Carl Hildebrand, Oakland, "Changing Conceptions in the Administration of Justice."

The University medal, given to the most distinguished member of the graduating class, was awarded to Miss Georgea Tilton Hine, Berkeley, College of Letters and Science. Honorable mention was given to Miss Metta Clare Green, Berkeley, College of Letters and Science.

The banquet of the men of the Senior Class on May 9 was held in Hotel Oakland. The senior women's banquet was held at the Claremont Country Club.

The Senior Extravaganza was given in the Greek Theatre on Saturday evening, May 7. The title of the play was "Music Hath Charms."

The baccalaureate sermon was delivered Sunday, May 8, in the Greek Theatre, by Bishop Adna Wright Leonard, of the Methodist Episcopal Church.

On the senior pilgrimage on May 9, the following were the speakers (given in the order of march): Senior Men's Hall, P. L. Davies; Senior

Women's Hall, Mary Martin; Hearst Hall, Grace Bliss; Tennis Courts, E. L. Levy; California Field, O. C. Majors; Wheeler Hall, Dean F. L. Probert; Senior Bench, A. B. Sprott; Campanile, J. E. Drew; Mining Building, J. M. Rogers; Mechanics Building, L. O. Meyers; Library, Gracella Rountree; Agricultural Hall, S. A. Anderson; California Hall, J. W. Cline; Boalt Hall, W. A. White; Harmon Gymnasium, J. P. Symes; Senior Oak, H. W. Waltz.

The Senior Ball was given on the evening of the same day at the Hotel Oakland.

The Phi Beta Kappa address was delivered May 10 by Régis Michaud, Professor of French, on the subject, "The Ideals of the Scholar."

President and Mrs. Barrows held the annual reception to members of the graduating class on the afternoon of May 10.

On Commencement Day at one o'clock the annual alumni luncheon was held in the Faculty Glade. At three o'clock were held the groundbreaking exercises for the Morse Stephens Memorial Hall (Student Union) on the north bank of Strawberry Creek opposite the Sather Tower.

GREETINGS FROM THE LEGISLATURE

Following is a copy of the telegram from the State Assembly to the University, received on Charter Day, March 23, 1921, and read at the exercises by President Barrows:

I take great pleasure in forwarding the following resolution adopted at the session of the Assembly this morning—resolution by Mr. Ross:

"Whereas, today is the fifty-third anniversary of the chartering of the University of California; and

"Whereas, exercises in celebration of Charter Day are being held on the campus of said University of California; and

"Whereas, the people of the State of California are, and should be, justly proud of this splendid institution; now, therefore be it

"Resolved, by the Assembly of the California State Legislature, that we extend our sincere congratulations to the University of California on its past achievements and its present enviable position among American universities; and, be it further

"Resolved, that the chief clerk of the Assembly be and he is hereby instructed to telegraph a copy of these resolutions to Dr. David P. Barrows, President of the University of California, at Berkeley, Cal."

JEROME B. CAVANAUGH,
Chief Clerk.

INTERSESSION ENROLLMENT

Attendance at the Intersession, May 10 to June 18, was 1584 students, a gain of more than fifty-seven per cent over the number in 1920, which was 1006 students.

of Anatomy under the direction of Dr. Herbert M. Evans. The value of these food products will total almost \$500.

California Tuberculosis Association, the sum of \$1500 as a donation to the Hooper Foundation for the salary of a chemist during the year 1921.

Canners' League of California, the sum of \$1250 as an addition to their regular remittances for the support of the botulism investigation being conducted by the George Williams Hooper Foundation for Medical Research.

Mr. Juan C. Cebrian, a resident of San Francisco at present sojourning in his native country, more than one thousand volumes of Spanish works, printed from 1540 to 1920, and embracing nearly all branches of knowledge.

Erivian Club of the University of California Armenian Associated Students, a number of volumes of books pertaining to the life, literature, art, and history of Armenia, valued at \$150.

Mr. J. D. Fletcher, class of 1907, the sum of \$500, for the establishment of the Morse Stephens scholarship. Award of the Morse Stephens scholarship will be made for the academic year 1921-22 to a student who is interested particularly in history, although this is not essential if such candidate does not present himself. Under the terms of the gift the following committee will make the award: Mr. George L. Bell, class of 1909, Mr. Farnham P. Griffiths, class of 1906, and President David P. Barrows.

A check for \$1200 has been received to be devoted to the eight scholarships of \$300 each provided for in the legacy of \$60,000 made by Mrs. Phoebe A. Hearst to the Regents.

Harrison Steam Boiler Works Cochrane Corporation of Philadelphia, through its Pacific Coast representatives, Chas. C. Moore & Company, a Cochrane Master Clock Recorder, complete, valued at approximately \$500, which will be added to the equipment in the hydraulic engineering laboratory.

Directors of the Helsingfors Universitets Botaniska Institution, at Helsingfors, Finland, a series of Finland plants, carefully prepared and with printed labels placed in covers in book form.

Shinichi Kasai, Governor of Hokkaido, at Sapporo, Japan, to the Department of Botany, the first three fascicles of "The Icones of the Essential Forest Trees of Hokkaido," an extremely valuable illustrated work issued by the Hokkaido Government.

Fifty donors, ten dollars each to support the William Watt Kerr Scholarship Fund in the University for the year 1921-22. The donors are:

Drs. H. W. Allen, R. L. Ash, L. D. Baecigalupi, E. J. Best, René Bine, J. C. Blair, L. T. Bradford, L. H. Briggs, H. Brunn, L. Bryan, C. Burnham, John N. Chain, H. J. Cohn, T. Cox, H. L. Emerson, E. C. Fleischner, J. B. Frankenheimer, W. C. Frey, E. F. Glaser, J. K. Hamilton, M. O. Hooker, S. Human, F. H. Kruse, F. C. Lewitt, W. B. Lewitt, H. Lissner, H. L. Lissner, W. P. Lucas, E. A. Majors, B. F. McElroy, H. C. Moffitt, L. M. Morris, H. Morrow, H. C. Naffziger, R. R. Newell, J. O. Oliver,

HIGH SCHOOL DRAMA CONFERENCE

Recognizing officially for the first time in the dramatic and artistic life of any state in the union the place that the teaching of drama and the active work of the theatre now hold in the curriculum and activities of the schools, the University of California brought together in a conference called by the State Board of Education, through its representative, Mr. A. C. Olney, sixty-five teachers representing the art and drama movement in the high schools of California.

Professor Samuel J. Hume, Director of the Greek Theatre, presided at the first session of the conference, Thursday morning, May 26, and welcomed the teachers in behalf of the State University. At the session it was declared, "Dramatically, California has a future greater than any other state in the country."

Organization of the teachers was effected at subsequent sessions, and a three-day program was concluded Saturday evening, May 28.

MEMORIAL DAY SERVICES

Memorial Day services, Sunday, May 29, were held in the grove north of California Hall at three o'clock under the auspices of Berkeley Post No. 7 of the American Legion. An address was given by Tully C. Knoles, D.D., President of the College of the Pacific. A programme of music was rendered by the Thirty-second U. S. Infantry Band and by Mme. Raegan Talbot, prima donna soprano.

GIFTS

Allis-Chalmers Manufacturing Company of Milwaukee, Wisconsin, through Mr. W. M. White, Manager and Chief Engineer of the Hydraulic Department of the company, a bronze hydraulic turbine runner, valued at approximately \$250.

Alumnus of the University, the sum of 30,000 francs for the purchase at Paris of the Bruel Collection, consisting of about 5000 volumes and 600 pamphlets on medieval history.

American Academy of Arts and Sciences, Boston, the sum of \$360 for the purpose of special lenses for use with the Crossley reflecting telescope.

Anonymous donors, the sum of \$200 to be offered as a prize for a play suitable for production in the Greek Theatre.

Bunting Iron Works, to the Department of Mechanical and Electrical Engineering, a three-inch rotary pump called the MacFarlane Wizard pump, valued at about \$250.

California Central Creameries, through its president, Mr. C. E. Gray, to the Anatomical Laboratory, certain dairy products to be used for research in nutrition and ovulation being carried on by the Department

S. Z. Peoples, G. Y. Rusk, L. S. Schmitt, O. T. Schulze, J. G. Sharp, J. Sherman, H. Smythe, B. Stone, C. D. Sweet, A. Taylor, W. I. Terry, H. L. Tevis, G. H. Whipple, J. M. Williamson.

Dr. R. T. Legge, University Physician and Professor of Hygiene, the sum of \$20.50 to be added to Infirmary funds.

Mr. E. G. Lewis, President of the Lewis Foundation Corporation, Atascadero, California, a large part of the skull and numerous vertebra of a cetacean, occurring in rock of Miocene age, excavated in the laying of the foundation of the Atascadero High School.

Museum of History, Science and Art of Los Angeles, to the Department of Palaeontology, three slabs giving reproductions of the footprints of Pleistocene mammals occurring in the famous stone quarries of the Nevada State Penitentiary at Carson City.

National Dental Association, through the California State Dental Association, the sum of \$500 for the support of certain researches on root canal sterilization to be conducted by Dr. John A. Marshall, Associate Professor of Biochemistry and Dental Pathology.

National Tuberculosis Association, the sum of \$600, representing the first and second payments on the appropriation for research on Chaulmoogra oil.

Native Sons of the Golden West, the sum of \$750, in support of the Native Sons Fellowships in Pacific Coast History.

Native Sons of the Golden West, the sum of \$1500 for the support of the two scholarships in the sum of \$750 each, which bear the name: "Native Sons of the Golden West Fellowships in Pacific Coast History."

Petaluma poultrymen, \$1000, the final payment of a fund guaranteed for certain investigations in poultry pathology.

Pioneer Incubator Company, a Pioneer Blue Coal Oil Brooder Stove with canopy fifty-two inches in diameter.

Dr. C. H. Robison, Instructor in Geography in the Southern Branch, to the Biological Department of the Southern Branch, a collection of some 200 microscope slides upon various biological subjects.

Gifts in support of the Santiago, Chile, Station of the Lick Observatory, have been received as follows: Mr. A. B. Spreckels, \$1500; Mr. Ogden Mills, \$1000; Mr. F. W. Bradley, \$1000; Dr. Ambrose Swasey, \$1000; an alumnus, \$1000.

Mr. Fred Schafer, to the Department of Drawing and Art, a box of casts suitable for use in classroom work.

Mr. and Mrs. D. M. Stewart, \$200, to establish the Erma Stewart Scholarship, for an undergraduate woman student, preferably in the College of Chemistry, or in case there be no candidate from that college in any given year, to an undergraduate woman student in the department of mathematics; the amount to be paid in ten monthly installments: the appointee must have a legal residence in California, no award being permitted to foreign students.

Dr. James W. Ward, to the Hahnemann Hospital, five sets of silverware for use in private rooms, with an estimated value of \$301.50.

Mrs. Herbert N. Warbasse, \$50, as a contribution to Professor Charles A. Kofoid's research fund "in recognition of the invaluable assistance he is rendering to the community" and of the benefit which Mrs. Warbasse has personally received.

University of Rochester, the sum of \$2500, to be used by Dean G. H. Whipple of the Medical School, to continue some of the studies he has been conducting in the George Williams Hooper Foundation for Medical Research on the relation of blood volume and haemoglobin fluctuations to altitude. This study will be prosecuted during the coming summer in the high Sierras.

National Canners Association, the sum of \$1250, as a special contribution to the botulism investigation fund.

A majority of the students in the College of Dentistry last year, with the exception of last year's graduating class, the sum of \$1065.92, being twenty-five per cent of the refunds due them for the session of the academic year 1919-20, the fund to be used for the erection of a students' lunch room and club house.

Mr. J. B. Lillard, State Supervisor of Agricultural Instruction, State Board of Education, two Barred Plymouth Rock hens, a pullet and a Barred Plymouth Rock male.

Mr. Lyding, Poultry Advisor, Sacramento Suburban Fruit Lands Company, a Silver Spangled Hamburg male.

EXHIBITIONS

The following exhibitions were held in Architecture Hall, the first two made possible through the generosity of Wigginton Creed: Indian studies by Wilfred L. Kihn, April 10 to 16; paintings by Theodore M. Criley, May 22 to 29; paintings by Bertram Hartman, May 15 to 22.

FACULTY

F. P. Gay, Professor of Bacteriology, has been elected president of the American Association of Immunologists. He has also been reelected vice-chairman of the Medical Section of the National Research Council.

C. M. Gayley, Professor of the English Language and Literature, has received the Cross of the Legion of Honor from the French Government in recognition of his work in the common cause, his participation in the ambulance service of the Friends of France and his achievements as a scholar. The insignia were conferred upon Dr. Gayley by Ambassador Jusserand.

S. J. Hume, Assistant Professor of Dramatic Art and Literature and Director of the Greek Theatre, at the invitation of the directors of the Detroit Symphony Orchestra, directed, in conjunction with the Symphony Season in Orchestral Hall, Detroit, the production of modern and classic plays for a six weeks' period.

C. A. Kofoid, Professor of Zoology, and Assistant Director of the Scripps Institution for Biological Research, lectured recently on scientific

subjects at the University of Illinois, Oberlin College, Medical School of the Western Reserve University, and the Ohio Academy of Sciences; discussed the problem of the teredo with the executive committee of the American Wood-Preservers' Association at Chicago, the directors of the Association of American Railway Engineers, the National Research Council at Washington, and the staff of the Forest Products Laboratory at Madison, Wisconsin; and also attended the annual meeting of the Advisory Board of the Wistar Institute of Anatomy and Biology at the University of Pennsylvania and the meeting of the Board of Editors of the *Journal of Morphology* published by the Wistar Institute.

G. N. Lewis, Professor of Chemistry and Dean of the College of Chemistry, has been awarded one of the highest honors of American chemistry, the William H. Nichols medal for 1920, bestowed upon him in New York before the American Chemical Society.

Elwood Mead, Professor of Rural Institutions, and Chairman of the State Land Settlement Board, addressed the National Council of the Congregational Churches in Los Angeles, July 3, on the industrial problems of farmers. He addressed also the Country Life Association of America at its annual meeting on the subject of improved means of communication between producer and consumer.

G. S. Millberry, Professor of Chemistry and Metallurgy and Dean of the College of Dentistry, was elected president of the American Institute of Dental Teachers for the year 1921-22, at the recent meeting of the Institute in Indianapolis.

PROFESSORS EMERITUS

R. G. Boone, Professor of Education, Emeritus; H. Kower, Professor of Drawing, Emeritus; W. F. Sharp, Professor of Prosthodontia, Emeritus; C. Bransby, Assistant Professor of Spanish, Emeritus.

APPOINTMENTS

Honorary Curator of the Museum of Paleontology: J. C. Merriam.

Professors: J. M. Gálvez, Exchange Professor from the University of Santiago, Chile (for first half-year only); G. L. Hendrickson, Sather Professor of Classical Literature (second half-year only).

Associate Professors: H. R. Brush, Romance Languages, Southern Branch; W. H. Durham, English; R. H. Lowie, Anthropology; G. H. Palmer, Military Science and Tactics, Southern Branch.

Assistant Professors: W. G. Bingham, Military Science and Tactics, Southern Branch; E. F. Davis, Geology; L. F. Ferguson, Military Science and Tactics; H. G. Ford, Military Science and Tactics (in the Medical School); Sara Huntsman, Public Speaking; L. T. Lowrey, History, Southern Branch; H. F. Lutz, Egyptology and Assyriology; S. C. May, Public Administration (second half-year); C. H. Robinson, Education, Southern Branch.

Lecturers: A. G. W. Cerf, Honorary Lecturer in French, Southern Branch; F. M. Couch, Credits and Collections, Southern Branch; J. R. Douglas, Administration, Southern Branch; P. Eliel, Municipal Government (first half-year only); H. F. Grady, Foreign Trade; F. W. Hirst, Politics; W. J. Kraft, Music, Southern Branch; F. M. Russell, Political Science; H. Woodrow, Educational Psychology (one year only).

Instructors: Bernice Allen, Home Economics, Southern Branch; J. D. Barter, Mathematics; M. S. Dunn, Biochemistry (one year only); G. N. Hunt, Surveying, Southern Branch; S. L. Jory, Architecture; Sophia H. Levy, Mathematics; G. R. Robertson, Chemistry, Southern Branch; H. W. Stone, Chemistry, Southern Branch; P. A. Swafford, Civil Engineering.

Associates: Ruth E. Baugh, Geography, Southern Branch; V. G. Bennett, Education; C. Camp, Research Associate, Museum of Paleontology; J. P. Conrad, Agronomy; A. W. Dowden, Physical Education for Men, Southern Branch; Edith Harshberger, Physical Education for Women, Southern Branch; F. Horridge, Education; Madeline Letessier, French, Southern Branch; L. C. Lockley, English, Southern Branch; Olive Newcomb, Fine Arts, Southern Branch; L. H. Peterson, Education; W. R. Robinson, Business Administration; Birdie K. Smith, Fine Arts, Southern Branch; Natalie White, Fine Arts, Southern Branch.

Assistants: D. R. Ball, General Medicine; C. C. Berwick, General Surgery; E. W. Blair, Biochemistry; O. W. Butler, Urology; P. J. Calvi, Otorhinolaryngology; M. H. Childress, Obstetrics and Gynecology; Priscilla Fairfield, Mathematics; Leona M. Fassett, Mills Assistant in Philosophy; P. R. Farrington, General Medicine; Frederick S. Foote, Biochemistry; W. J. German, Biochemistry; S. S. Gossman, Poultry Husbandry; H. R. Hoobler, Pediatrics; W. D. Horner, Ophthalmology; E. H. Howell, Applied Homeopathic Therapeutics; D. R. Jeffrey, General Surgery; E. A. Larson, General Surgery; E. Lynch, Pediatrics; Pearl Pemberton, Agricultural Extension; W. W. Reich, Bacteriology; Ina Richter, General Medicine; Iola G. Riess, Philosophy; Henrietta Roumiguière, French; A. H. Rowe, Biochemistry; P. Schonholz, Research Medicine; R. G. Scribner, Pediatrics; F. P. Shafer, General Surgery; M. A. Sweeney, Research Medicine; Frieda Ziegler, German.

Teaching Fellows: J. A. Almquist, Chemistry; M. Ankrum, Economics; A. K. Aster, Physics; Marjory Atsatt, Economics; Evelyn Aylesworth, Physics; Elizabeth Balderston, English; P. M. Baldwin, Political Science; R. A. Beals, English; Anne Beck, Astronomy; Edna Bishop, Chemistry; A. Bouvier, English; Ruth Grant, Mathematics; F. F. Burtchett, Economics; P. Byerly, Physics; E. R. Clark, Physics; R. F. B. Cote, Economics; W. J. Couper, Economics; I. W. Cox, Physics; P. C. Crockatt, Economics; E. J. Cuy, Chemistry (first half-year only); P. S. Danner, Chemistry; H. L. Deimel, Economics; H. D. Draper, Chemistry; K. R. Edlund, Chemistry (first half-year only); J. W. Ellis, Physics; F. Erickson, Physics; Charlotte Evans, English (first half-year only); R. M. Evans, Chemistry; S. Ewing, Physics; W. S. Fortson, Economics; W. F. Foshag, Geology; S. A. M. Francis, Physics; G. D. Frost, Chemistry; R. C. Frison, Chemistry; G. Glocker, Chemistry; Marguerite Gluck, Botany;

Arda Gree, Philosophy; Metta Green, Chemistry; M. A. Hanna, Geography; C. C. Hildebrand, Political Science; H. D. Hoenschel, Chemistry; H. O. Holte, Physics; R. J. Hopkins, Physics; H. K. Ihrig, Chemistry; E. J. Jones, Chemistry; Dorothea Kerr, Mathematics; S. C. Kurlandski, English; J. B. Leiser, Paleontology; S. G. Lipsett, Chemistry; W. J. McGrath, Economics; C. E. Meek, Geology; R. Millar, Economics; R. W. Millar, Chemistry; Mildred Moulton, Political Science; Leila Noland, English; M. O'Day, Physics; Marion Phillips, English; Ruth Pinkerton, English; J. B. Ramsay, Chemistry; G. K. Rollefson, Chemistry; M. Saunderson, Economics; J. G. Schaffer, Economics; Madeline Schreiber, English (first half-year only); J. F. Scott, Political Science; J. L. Seymour, English; A. M. Shaffer, Chemistry; Lucile Simmons, Philosophy; B. M. Smith, Economics; Edna Spalding, Botany; H. Spijkman, Political Science; Carolyn Steel, Chemistry; Lucy Stewart, Botany; M. M. Stockwell, Economics; H. H. Storch, Chemistry; H. G. Tasker, Physics; N. W. Taylor, Chemistry; P. S. Taylor, Economics; E. Vincent, Economics; W. H. Wells, General Literature; A. M. Williams, Chemistry; H. B. Wilson, Economics; C. E. Woodruff, Physics; R. R. Yates, Political Science; T. F. Young, Chemistry.

Curator of Vertebrate Collection, Museum of Paleontology: E. L. Furlong.

Counsellor of Women, Southern Branch: Helen M. Laughlin.

Recorder, Southern Branch: L. A. Maverick.

University High School: Emma McCall, Teacher of Drawing.

University Farm School: C. J. Burrell, Teacher of Mathematics; I. F. Torrey, Teacher of Chemistry.

Training School, Southern Branch: Ethel I. Salisbury, Associate Professor of Elementary Education; Ethel B. Waring, Assistant Professor of Education; Mrs. A. G. W. Cerf, Teacher of French; Ethel Britto, Teacher in charge of first grade; Mrs. Adelaide A. Samuels, Teacher in charge of sub-primary class.

University Infirmary: N. A. Cary, Orthopedist; E. Williamson, Assistant Ophthalmologist; C. V. Covell, Dental Surgeon.

PROMOTIONS AND CHANGES IN TITLE

Professors: H. Brunn, Clinical Professor of Surgery, from Assistant Clinical Professor; E. C. Fleischner, Clinical Professor of Pediatrics, from Assistant Clinical Professor; W. S. Franklin, Clinical Professor of Ophthalmology, from Assistant Clinical Professor; F. P. Gay, Professor of Bacteriology, from Professor of Pathology; W. W. Herms, Professor of Parasitology, from Associate Professor; A. J. Houston, Clinical Professor of Otolaryngology, Rhinology, and Laryngology, from Assistant Clinical Professor; K. F. Meyer, Professor of Tropical Medicine, from Associate Professor; R. L. Porter, Professor of Pediatrics, from Lecturer; W. C. Rappleye, Director of University Hospitals; C. W. Waddle, Professor of Education, Southern Branch, from Associate Professor; E. W. Walker, Professor of Tropical Medicine, from Associate Professor.

Associate Professors: T. D. Beckwith, Bacteriology, from Assistant Professor; Olga Bridgman, Abnormal Psychology, from Assistant Professor; W. V. Cruess, Fruit Products, from Assistant Professor; E. O. Essig, Entomology, from Assistant Professor; Grace M. Fernald, Psychology, Southern Branch, from Assistant Professor; Nellie H. Gere, Fine Arts, Southern Branch, from Assistant Professor; G. E. Gibson, Chemistry, from Assistant Professor; W. Kirk, Economics (for one year only), from Assistant Professor; M. B. Lennon, Associate Clinical Professor of Neurology, from Assistant Professor; C. H. Marvin, Commerce, Southern Branch, from Assistant Professor; M. Metcalf, Forestry, from Assistant Professor; C. L. A. Schmidt, Biochemistry, from Assistant Professor; P. E. Smith, Anatomy, from Assistant Professor; E. C. Van Dyke, Entomology, from Assistant Professor; W. H. Williams, Physics, from Assistant Professor (from August 15, 1921); Frances A. Wright, Public School Music, Southern Branch, from Assistant Professor.

Assistant Professors: J. R. Beach, Veterinary Science, from Instructor; J. P. Bennett, Pomology, from Instructor; E. J. Best, Assistant Clinical Professor of Medicine, from Instructor; L. I. Breistein, Assistant Clinical Professor of Obstetrics, from Instructor; L. H. Briggs, Assistant Clinical Professor of Medicine, from Instructor; Helen C. Chandler, Fine Arts, Southern Branch, from Instructor; A. W. Christie, Fruit Products, from Instructor; B. L. Clark, Paleontology, given the additional title, Director of the Museum of Paleontology; A. R. Davis, Soil Chemistry and Bacteriology, from Instructor; W. H. Dore, Agricultural Chemistry, from Instructor; E. H. Falconer, Assistant Clinical Professor of Medicine, from Instructor; W. W. Ferrier, Jr., Law, from Lecturer; S. Carolyn Fisher, Psychology, Southern Branch, from Instructor; J. E. Gurley, Chemistry, College of Dentistry, from Instructor; R. W. Harvey, Assistant Clinical Professor of Neurology, from Instructor; L. Langstroth, Assistant Clinical Professor of Medicine, from Instructor; Florence Lutz, Voice Culture, from Lecturer; Myrta L. McClellan, Geography, Southern Branch, from Instructor; Alice F. Maxwell, Assistant Clinical Professor of Obstetrics and Gynecology, from Instructor; G. Montgomery, English, from Instructor; W. G. Moore, Assistant Clinical Professor of Obstetrics and Gynecology, from Instructor; V. H. Podstata, Assistant Clinical Professor of Psychiatry, from Lecturer; C. H. Raymond, English, from Instructor; S. B. Scott, Assistant Professor of Operative Dentistry and Dental Porcelain, from Instructor; Louise P. Sooy, Fine Arts, Southern Branch, from Instructor; J. F. Steffan, Prosthetic Dentistry, from Clinical Instructor in Operative Dentistry; Chester Stock, Paleontology, from Instructor; B. R. Vanleer, Mechanical Engineering, from Instructor in Electrical Engineering; J. J. Van Nostrand, Assistant Professor of Ancient History, Acting Director of University Extension.

Instructors: Edith Bronson, Pediatrics, from Assistant; E. C. Bull, Orthopedic Surgery, from Assistant; Margaret Carhart, English, Southern Branch, from Associate; W. E. Carter, Pediatrics, from Assistant; F. C. Cordes, Ophthalmology, from Assistant; B. F. Dearing, Pediatrics, from Assistant; E. S. du Bray, Medicine, from Assistant; W. C. Frey, Medi-

cine, from Assistant; T. R. Hogness, Chemistry, from Teaching Fellow; R. Jenkins, English, Southern Branch, from Associate; Martha R. Jones, Research Instructor in Pediatrics, from Assistant; J. M. McDonald, Urology, from Assistant; H. E. Miller, Dermatology, from Assistant; W. A. Noyes, Jr., Chemistry, from Teaching Fellow; H. Partridge, Urology, from Assistant; L. D. Prince, Orthopedic Surgery, from Assistant; I. C. Schumacher, General Medicine, from Assistant; Ruth L. Stone, Bacteriology, from Research Assistant; L. Taussig, Dermatology, from Assistant; E. H. Wight, given the additional title, Acting Director of the Men's Gymnasium.

Research Associates: F. F. Halma, Research Associate in Plant Physiology in the Citrus Experiment Station at Riverside, from Assistant; S. W. Crosby, Research Assistant in Soil Technology, from Assistant.

Associates: L. W. Allen, Music, from Assistant; L. Bonnet, Viticulture, from Assistant; C. Crittenden, Sanskrit, from Assistant; Florence Hallam, Home Economics, Southern Branch, from Assistant; Pauline Lynch, Home Economics, Southern Branch, from Assistant; Mary V. Ross, Public Health Administration, from Assistant; Lucile Roush, Botany, from Assistant; R. E. Sweetland, English, from Assistant; Edith Ueland, Physical Education for Women, from Assistant.

Assistants: Helen S. Bloodgood, Public Health Nursing, from Assistant in Hygiene; Florence Boddy, Assistant in Public Health Nursing, from Assistant in Hygiene.

Senior Teaching Fellow: R. J. Russell, Geography, from Teaching Fellow.

LEAVES OF ABSENCE*

Professors: G. P. Adams, Philosophy; W. T. Clarke, Agricultural Extension; J. W. Gilmore, Agronomy, March 15, 1921 to 1922; W. L. Howard, Pomology; F. L. Kleeberger, Physical Education for Men; G. H. Kress, Dean of the Los Angeles Medical School; B. P. Kurtz, English; H. C. Moffitt, Medicine, May 6 to May 22; G. R. Noyes, Slavic Languages; T. H. Reed, Municipal Government; L. J. Richardson, Latin; H. E. Van Norman, Dairy Management.

Associate Professors: Warner Brown, Psychology; H. L. Bruce, English, 1921; T. Francis Hunt, Agricultural Extension; Lucy W. Stebbins, Social Economics and Dean of Women, May 15 to June 30.

Assistant Professors: L. Bacon, English; A. G. Brodeur, English; P. B. Fay, French; S. J. Hume, Dramatic Literature and Art and Director of the Greek Theatre, August 16 to October 23; F. Irwin, Mathematics; S. C. May, Public Administration, July 1 to December 31; W. C. Perry, Architecture, 1921; L. M. Price, German.

Instructors: A. W. Johnson, Otology, Rhinology, and Laryngology, May 1 to June 30; H. I. Wiel, Medicine, May 15 to June 30.

Assistants: E. L. Bruck, Medicine and Assistant Resident Physician, University Hospital, May 21 to June 30; Agnes Cole, Senior, Library, July 15 to August 15; Alice Lyser, Senior, Library, July 1 to July 31.

* For 1921-22 unless otherwise noted.

RESIGNATIONS*

Professors: W. Boericke, Clinical, Homeopathic Materia Medica; W. W. Kemp, School Administration; G. H. Whipple, Research Medicine, Director of the George Williams Hooper Foundation for Medical Research, and Dean of the Medical School.

Associate Professors: A. J. Eddy, Civil Engineering; C. I. Lewis, Philosophy.

Assistant Professor: G. Boas, Forensics.

Instructors: S. C. Kiang, Chinese, from March 1; R. F. Newton, Chemistry.

Assistants: E. M. Carr, Pediatrics, Assistant Resident, University of California Hospital, from April 15; Helen M. Doyle, Anaesthesia, from April 12; E. W. Simmons, Medicine, from April 15.

STUDENTS AND ALUMNI

ANNUAL CALIFORNIA-STANFORD JOFFRE DEBATE

The twenty-seventh annual Joffre debate between the University of California and Stanford University, for the "Medaille Joffre" was held this year at Stanford University, Saturday evening, April 2, with Professor E. A. Cottrell, of Stanford University, presiding.

California's speakers were C. C. Hildebrand '21, Grace Dietz '22, and A. E. Murphy '23, with J. E. Peyser '21, alternate. Stanford's debaters were Vernon Green '21, Laurence Martin '21, and Wylie Kilpatrick '23.

The general question on which the debaters prepared was "France and the Treaty of Versailles." Professor F. A. Ogg, of the University of Wisconsin, sent the specific question, which was announced at six o'clock on the day of the debate to be "Resolved: That France was Justified in Insisting on the Incorporation in the Treaty of Versailles of the Reparation and Restitution Clauses in their Present Form."

The judges, M. C. Sloss, former Justice of the Supreme Court, Mr. Seth Mann, San Francisco attorney, and Professor R. G. Gettell, awarded the medal to C. C. Hildebrand, of California.

ALUMNI LUNCHEON

More than four hundred alumni, including members of the Class of 1921, attended the annual luncheon held in Faculty Glade on Commencement Day, May 11. The principal speaker was Comptroller Robert G. Sproul, who told of his experiences during the past legislative session at Sacramento. President David P. Barrows, and S. V. Larkey, of the Class of 1921, also spoke briefly.

Results of the annual election were announced as follows: President, Warren Gregory, '87; First Vice-President, Clinton Miller, '00; Second Vice-President, William Waste, '91; Treasurer, Robert G. Sproul, '13;

* Date from June 30, 1921, unless otherwise stated.

Councillors, Frank Otis, '73, L. A. Nichols, '17, Chaffee E. Hall, '10, Herman Phleger, '12, and C. W. Merrill, '91.

One thousand and forty-nine members of the graduating class, through the payment of their senior assessment, became members of the Alumni Association. This is the largest group to become affiliated with the organization at any one time.

UNIVERSITY MEETINGS

April 8—Brigadier General Henry A. Greene, U.S.A., retired, and Elihu Root.

April 22—Senior student speakers: Helen M. Allan, John W. Cline, Jr., Paul L. Davies, J. E. Drew, O. C. Majors, Mary B. Martin, Minora E. McCabe, I. L. Neumiller, Gracella Rountree, A. B. Sprott, Henry M. Stevens, Jack Symes, W. A. White, F. W. Tenney.

MUSICAL AND DRAMATIC EVENTS

(Held in Greek Theatre if not otherwise specified.)

April 1—"Beyond the Horizon," by Eugene O'Neill. Wheeler Auditorium.

April 1—Glee Club Road Show. Harmon Gymnasium.

April 2—Lada, spectacular dancer, in a programme of dance interpretations.

April 5—Third and last of the Beethoven Sonata Recitals, by Sigmund Beel, violinist, and George Stewart McManus, pianist. Wheeler Hall Auditorium.

April 7—Berkeley Musical Association: Mme. Margaret Matzenauer, contralto; Mr. Charles Carver, baritone; Mr. Frank La Forge, at the piano. Harmon Gymnasium.

April 7—Annual Partheneia. "Lilies of Mirones." Faculty Glade.

April 8—Annual Partheneia. "Lilies of Mirones." Faculty Glade. Second performance.

April 12—Recital under the auspices of the English Club: The Trio Moderne—Mrs. Marie Hughes MacQuarrie, harpist; Miss Christine Howells, flutist; Miss Grace G. Becker, violoncellist. Wheeler Hall Auditorium.

April 16—"Twelfth Night."

April 19—"An Evening of French Music." Auspices Department of French. Wheeler Hall Auditorium.

April 20—"Kismet." English Club.

April 23—Concert by New York Philharmonic Orchestra.

April 27—"Twelfth Night."

April 30—The Adolph Bolm Ballet and the Little Symphony of George Barrère.

May 14—"Romeo and Juliet."

May 28—Sem Beneili, "The Jest." Courtesy of Arthur Hopkins and John Barrymore.

June 24—George Bernard Shaw, "Fannie's First Play." Wheeler Hall Auditorium.

June 25—"Romeo and Juliet."

LECTURES

April 1—Leonard Bacon, Assistant Professor of English, "Some Apologetic Remarks on Prosody."

April 5—H. J. Eustace, "Advertising Horticultural Products."

April 5—Harry Mestayer, "Ibsen's Influence on the Drama." Before English Club.

April 13—E. B. Bryan, President of Colgate University, "The Perils of Education."

April 14—E. P. Lewis, Professor of Physics, "The Charge of the Atomic Nucleus and the Law of Force at Small Distances."

April 20—J. B. Stearns, "The Great Awakening." Before Theosophical Club.

April 21—W. F. Gericke, Assistant Professor of Soil Chemistry, "Discussion of Physiological Balance and Nutrient Solution."

EARL FOUNDATION LECTURES

Dr. Franz V. M. Cumont, Lecturer on the Silliman Foundation at Yale University, delivered a series of six lectures on the E. T. Earl Foundation of the Pacific School of Religion in coöperation with the University on "The Conceptions of After-Life in Roman Paganism."

a. Historical Introduction

1. April 4—The Old Beliefs as to After-Life and their Destruction by Philosophical Criticism.
2. April 5—Development of a New Conception of Immortality.

b. Three Conceptions of After-Life

3. April 6—The Life of the Dead in the Tomb.
4. April 7—The Netherworld.
5. April 8—Astral (or Celestial) Immortality.
6. April 9—Who Obtains Immortality in Paganism?

HALF-HOUR OF MUSIC

(Sunday afternoon in the Greek Theatre.)

April 3—Presentation of William Shakespeare's "Communion Service in E Flat" by the vested choir (augmented to fifty voices) of St. Stephen's Episcopal Church, San Francisco. H. B. Pasmore, organist and director.

April 10—Concert by the Treble Clef Society. Paul Steindorff, director.

April 17—Mills College Choir. Mrs. Sweesey, director.

April 24—Recital by the pupils of Mr. Homer Henley.

May 1—Concert by the pupils of Mr. Homer Henley, of San Francisco: Lorraine Sands Mullin, Lillian Hoffmayer Heyer, and M. Louise Lawson. Edith Louise O'Brien, accompanist.

May 15—Miss Victorine Hartley, assisted by Miss Mareh Clements, Miss Etta Ellerhorst, and Miss Mabel Wilson. Chorus of six hundred students from the Berkeley intermediate schools.

May 22—Master Leonard Hickson, trumpet soloist, assisted by Miss Vernal Deane, 'cellist.

May 29—Thirty-second United States Infantry Band. C. W. Ferguson, Director.

June 5—Schubert Club of Sacramento. Percy A. R. Dow, director.

June 12—Oakland Orpheus Club, assisted by Charles E. Bulotti, tenor, and Miss Bessie Beatty Roland, accompanist.

June 19—Mrs. Ward A. Dwight, contralto; Mrs. Hughes MacQuarrie, harpist; and Mrs. Horatio F. Stoll, pianist.

June 26—Rosamonde Joyzelle, in "A Sacred Pantomime in Classic Shades." Assisted by Mrs. T. Arthur Rickard, soprano; Frederick Maurer, pianist; Mrs. Milton H. Shutes, violinist; and Mrs. Donald G. Schnabel, 'cellist.

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UNIVERSITY OF CALIFORNIA RECORD

VOLUME 1 NUMBER 4.

OCTOBER 1921



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YEARLY SUBSCRIPTION
ONE DOLLAR

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UNIVERSITY OF CALIFORNIA RECORD

JULY 1 TO SEPTEMBER 30, 1921

Volume 1

OCTOBER, 1921

Number 4

SCHOLARSHIP REPORTS

MEN'S CLUBS AND FRATERNITIES

Scholarship reports of the men's clubs and fraternities whose undergraduate members were in attendance at the University during the semester January-May, 1921, show that the average grade was 2.4835 as compared with 2.4623 during the semester January-May, 1920. The record follows:

Rank by Average Grade	Average Grade
1. Delphic	2.0470
2. Alpha Kappa Lambda	2.1621
3. Kappa Alpha	2.2258
4. Achaean	2.2384
5. Al Ikhwan	2.2970
6. Phi Kappa Sigma	2.3062
7. Filicum	2.3432
8. Del Rey	2.3804
9. Tau Kappa Epsilon	2.2896
10. Acacia Fraternity	2.4022
11. Sigma Phi Epsilon	2.4312
12. Chi Psi	2.4371
13. Sigma Chi	2.4383
14. Delta Tau Delta	2.4426
15. Delta Upsilon	2.4592
16. Psi Upsilon	2.4749
17. Alpha Delta Phi	2.4769
18. Pi Kappa Alpha	2.4834
19. Dahlonga	2.4858
20. Sigma Phi	2.4867
21. Theta Delta Chi	2.4884
22. Pi Kappa Phi	2.4894
23. Lambda Chi Alpha	2.4914
24. Alpha Sigma Phi	2.4923
25. Bachelordon	2.4949
26. Dwight	2.4968
27. Phi Sigma Kappa	2.5000
28. Phi Kappa Psi	2.5011
29. Sigma Alpha Epsilon	2.5048
30. Phi Delta Theta	2.5259
31. Theta Xi	2.5309
32. Phi Kappa Tau	2.5422
33. Sigma Nu	2.5447
34. Theta Chi	2.5535
35. Kappa Sigma	2.5658
36. Zeta Psi	2.5729
37. Delta Chi	2.5749

UNIVERSITY RECORD

Rank by Average Grade	Average Grade
38. Chi Phi	2.5909
39. Sigma Phi Sigma	2.6025
40. Beta Theta Pi	2.6131
41. Phi Gamma Delta	2.6424
42. Abracadabra	2.6663
43. Sigma Pi	2.6775
44. Delta Kappa Epsilon	2.7018
45. Delta Sigma Phi	2.7483
46. Alpha Tau Omega	2.7649

Each of the organizations whose records are given above comprises among its members students in all four of the undergraduate classes. In addition there is one organization which lacks representatives from the freshman class, viz.:

Alpha Chi Sigma	2.1653
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WOMEN'S CLUBS AND SORORITIES

Scholarship reports of women's clubs and sororities whose undergraduate members were in attendance at the University during the semester January-May, 1921, show that the average grade was 2.1672 as compared with 2.1691 during the semester January-May, 1920. The record follows:

Rank by Average Grade	Average Grade
1. Phi Mu Delta	1.8459
2. Kappa Kappa Gamma	1.8989
3. Alpha Chi Omega	2.0927
4. Kappa Alpha Theta	2.1210
5. Al Khalail	2.1233
6. Alpha Gamma Delta	2.1285
7. Kappa Phi Alpha	2.1305
8. Pi Beta Phi	2.1410
9. Theta Upsilon	2.1500
10. Tewanah	2.1678
11. Rediviva	2.1796
12. Alpha Phi	2.1864
13. Delta Gamma	2.1880
14. Zeta Tau Alpha	2.2203
15. Alpha Delta Pi	2.2215
16. Alpha Omicron Pi	2.2297
17. Sigma Kappa	2.2357
18. Kappa Delta	2.2505
19. Chi Omega	2.2524
20. Norroena	2.2528
21. Keweah	2.2613
22. Delta Zeta	2.279128
23. Gamma Phi Beta	2.279129
24. Alpha Xi Delta	2.2798
25. Delta Delta Delta	2.3074
26. Phi Mu	2.3246
27. Achoth	2.3477
28. Pi Sigma Gamma	2.3568
29. Alpha Sigma Delta	2.3882

NEW FEE SCHEDULES

In accordance with an act of the State Legislature passed in 1921, the Board of Regents, at their July meeting, instituted a tuition fee of \$150 per annum for all students in the academic schools and colleges who are not residents of the State of California; except for students admitted to full graduate study leading to academic (non-professional) higher degrees or teachers' recommendations, the work for the degree or recommendation to be completed within the minimum period. The tuition fee for non-resident students in the Medical School was raised to \$500 per annum.

The old infirmary, gymnasium, book, and syllabus fees, together with the new library fees, were consolidated and increased to \$25 per semester to cover the cost of all services other than instruction rendered the student.

SUMMER SESSION ENROLLMENTS

The total enrollment in the Summer Sessions for 1921 was 6260, as compared with 5929 for 1920. At Berkeley the enrollment was 4009, an increase of 10.5 per cent over 1919. At Los Angeles 1427 students enrolled, an increase of 28 per cent over the enrollment for the previous year.

UNIVERSITY NAMED "DISTINGUISHED COLLEGE"

The University is one of the thirty-four institutions of higher education to be named by the War Department as the "Distinguished colleges and honor military schools, respectively, for 1921." As a "distinguished college" the University is given the right to one appointment, virtually without examination, to the regular army; and also to maintain one representative candidate at West Point.

CAMPUS IMPROVEMENTS

The leveling of the large unused portion of the campus lying between Hilgard Hall and Oxford street, begun last fall, was completed this summer. The old experimental gardens north of the center path are gone, and the entire area is now given over to a drill and recreational field.

A new handball court unit containing eight separate courts has been completed on the vacant lot just outside the Sather Gate.

GIFTS

The Associated Radiograph Laboratories of San Francisco, Dr. John D. Millikin, general manager, the sum of \$500 for the establishment of an Associated Laboratories Fellowship in the College of Dentistry for the academic year 1921-22. The Associated Radiograph Laboratories has agreed to provide in addition the sum of \$700 during the academic year 1921-22, the total amount of the fellowship to be in the sum of \$1200, with stipend at the rate of \$100 a month.

Mr. Charles H. Baker, Oakland, \$50 for the establishment of the Cooper Prize in Ornithology for the academic year 1921-22.

Mrs. Edward Booth, \$200 for the Edward Booth Loan Fund.

Mrs. Henry Brizard, of Arcata, California, the sum of \$200 for the purchase of needed surgical supplies in the Clinical Department of the Medical School.

The California Packing Corporation, \$1500 as an addition to the regular remittances from the Cannerymen's League of California for the support of the investigation of botulism being conducted by the George Williams Hooper Foundation for Medical Research.

Mr. J. C. Cebrían, of San Francisco, 728 volumes of Spanish works.

The Charter Rock Lodge, No. 410, Free and Accepted Masons, the sum of \$400 for the establishment during the academic year 1921-22 of two Charter Rock Masonic Scholarships in the sum of \$200 each.

The Commission for Relief in Belgium, 42 Broadway, New York City, dental equipment valued at \$80.

Regent William H. Crocker, to the Lick Observatory, \$500 to cover the expenses of a preliminary survey in connection with the proposed Crocker Eclipse Expedition to Lower California to observe the total solar eclipse of September 10, 1923.

Regent William H. Crocker, through Dr. W. P. Lucas, \$2000 for special research work in the Department of Pediatrics in the Medical School.

The sum of \$750 to cover the Du Pont Fellowship for the academic year 1921-22.

Mr. Mortimer Fleishacker, \$1000 for special research work in the Department of Pediatrics in the Medical School.

"A Friend of the University," \$100 as an addition to the Horatio Stebbins Scholarship Fund.

Mrs. Mary S. Johnson, San Francisco, twenty ethnological specimens, together with a number of shells, pine cones, etc., for the Department of Anthropology.

To the Kofoid Research Fund, \$100 contributed in the following sums: Dr. L. M. Boyers, Berkeley, \$10; Dr. M. R. Butin, Madera, \$5; Dr. C. L. McVey, Oakland, \$10; Dr. Louise A. Oldenbourg, Berkeley, \$5; Dr. Arthur M. Smith, Oakland, \$10; Dr. E. von Adelung, Oakland, \$10; Dr. Charles K. Whitney, Oberlin, Ohio, \$50.

Dr. Charles Litton, to the College of Dentistry, eighteen bound volumes of old dental journals and medical books and two hundred copies of old dental journals dating back to 1888.

Mrs. Fannie E. Patton, through Mrs. G. M. Brown, of Selma, California, a copy of *The Forest Pruner* published in London in 1808.

Levi Strauss & Co., the sum of \$1750 to be applied to the Levi Strauss Scholarships for the six months ending December 31, 1921.

The Panama Pacific Exposition Company, 276 volumes of medical books for the library of the Medical School.

The San Jose High School, \$125 to cover the San Jose High School Scholarship for the academic year 1921-22.

EXHIBITIONS AND CONVENTIONS

The following exhibitions were held in Architecture Hall: Textiles, under the auspices of the Department of Household Art, July 18 to 23; Pre-Columbian Indian Designs of the Southwest, by Paul Louis Faye, Associate Curator of the Anthropological Museum, July 25 to 30; Paintings by Stephen Haweis, under the auspices of the Greek Theatre, August 21 to September 3; Paintings by Rex Slinkard, September 18 to 24.

The fifth annual meeting of the Pacific Division of the American Association for the Advancement of Science and Affiliated Societies was held at the University August 4 to 6.

UNIVERSITY PRESS PUBLICATIONS

GEOLOGY

An early Tertiary Vertebrate Fauna from the Southern Coast Ranges of California, by Chester Stock.

PHILOSOPHY

A Study in the Theory of Value, by David W. Prall.

ZOOLOGY

The Marine Decapod Crustacea of California, by Waldo L. Schmitt.

SATHER CLASSICAL LECTURES

The Unity of Homer, by John A. Scott.

FACULTY

President David P. Barrows was named a member of the National Research Council on the Division of States Relations for a period of three years beginning July 1, 1921.

J. Raymond Beach, Assistant Professor of Veterinary Science, represented the University at the World's Poultry Conference, held at The Hague, Holland, September 9-11.

Florian Cajori, Professor of the History of Mathematics, has been elected to membership in the American Academy of Arts and Sciences.

George M. Calhoun, Associate Professor of Greek, presented a paper entitled "The Early History of Crime and Criminal Law in Greece" at the meeting of the Classical Association held at Cambridge, England, August 2 to 6. The paper was read by Professor J. G. Winter, of the University of Michigan, and was one of three papers presented by members of the American Philological Association.

George R. Noyes, Professor of Slavic Languages, represented the University at the laying of the cornerstone of the new library at the University of Louvain on July 26.

Charles F. Shaw, Professor of Soil Technology, attended the National Drainage Congress at St. Paul, Minnesota, September 22, 23, and 24, where he delivered an address on "Classification and Values of Land."

George M. Stratton, Professor of Psychology, delivered six lectures early in July at the University of the Philippines, Manila, on the subject "Psychology and Health." He also represented the University at the Pan-Pacific Educational Congress held in Honolulu, August 11-21.

APPOINTMENTS*

Professors: S. A. Hill, Clinical Professor of Homeopathic Medicine; Herbert Weir Smyth, Sather Professor of Classical Literature, January to June, 1923; H. J. Webber, Professor of Citriculture and Director of the Citrus Experiment Station at Riverside, October 15.

Associate Professor: J. P. Buwalda, Geology.

Assistant Professors: S. K. Burke, Captain U. S. A., Military Science and Tactics, August 1; J. E. Creed, Major U. S. A., Military Science and Tactics, Southern Branch; L. E. Dodd, Physics, Southern Branch; Sigurd Hustvedt, English, Southern Branch; Frank C. Palm, Modern European History; T. K. Whipple, English.

Instructors: E. A. Berendson, Prosthetic Dentistry; E. V. Brewer, German; P. H. Daus, Mathematics; H. H. Gutterson, Architecture, to December 31; V. F. Lenzen, Physics; Icie G. Macy, Household Science; Harriet McKenzie, English, Southern Branch; W. M. Noble, Operative Dentistry, from September 15; C. O. Patten, Operative Dentistry, from September 1; C. M. Price, Physical Education; S. J. Saso, Operative Dentistry, from September 1; Violet E. Scott, Clinical Prosthetic Dentistry; J. A. Thatcher, Clinical Prosthetic Dentistry, from August 4; Gertrude Van Wagenon, Anatomy; F. P. Vickerey, Geology, Southern Branch; M. B. Wesson, Urology, from August 1; J. L. Wood, Clinical Dentistry.

Lecturers: Isabel Bevier, Home Economics, Southern Branch; B. R. Crandall, Supervisor of Classes for the Training of Agricultural Teachers and Lecturer in Education, from September 1, 1921; Gerald Hagar, Commercial Law; E. A. Lee, Education, and Assistant Director of the Division of Vocational Education; Mrs. Hugh S. Lowther, Spanish, Southern Branch; R. W. Macdonald, Law; Matt Wahrhaftig, Law.

Associates: Clara Bartram, Fine Arts, Southern Branch; Elizabeth Beall, Physical Education for Women; Katherine S. Bishop, Anatomy; A. D. Keller, Mechanic Arts, Southern Branch; Donald Mackay, Philosophy, Southern Branch; E. S. Nelson, Commerce, Southern Branch; C. A. Pease, Physical Education for Men; E. Z. Rowell, Public Speaking; N. C. Tang, Chinese; A. H. Warner, Physics, Southern Branch; A. J. Winkler, Viticulture.

* From July 1, 1921, to June 30, 1922, unless otherwise designated.

Assistants: Mrs. Hope Baxter, Agricultural Extension, from August 16, 1921; E. W. Blair, Anatomy; Lee Brown, Urology, from August 1, 1921; Helen A. Burling, Agricultural Extension, from September 16; C. S. Capp, Physiology; W. T. Carey, Geology; D. D. Davis, Electrical Engineering; Leo Delsasso, Physics, Southern Branch; J. D. Elder, Physics, Southern Branch; R. G. Frey, Biochemistry; D. M. Greenberg, Biochemistry; C. T. Hayden, Anatomy; D. A. Jones, Zoology, from August 16, 1921; J. F. Kessel, Zoology; K. W. Koch, Agricultural Extension, September 1, 1921; Z. Y. Kuo, Psychology; Norman McGrane, Chemistry, Southern Branch, from September 1, 1921; G. J. Milburn, Geology; F. B. Quinn, Medicine, from August 15, 1921; Prosper Reiter, Jr., Assistant in Accounting, to December 31, 1921; A. C. Rolin, French; D. M. Smith, Agricultural Extension, from August 16; Florence Sutton, Physical Education, Southern Branch; Carolyn Wetzel, Agricultural Extension, from September 1, 1921; E. V. Winterer, Soil Technology, from August 15, 1921.

Teaching Fellows: Belle G. Anderson, Hooper Foundation; G. H. Ball, Zoology; David Bjork, History; G. C. Boyce, History; Grace Broadhead, Zoology, to December 31, 1921; Stella J. Coulhurst, Zoology; F. C. Davis, Psychology, to December 31, 1921; C. S. Dodds, Botany; Jessie E. Easton, Hooper Foundation; H. C. Ellis, Public Speaking; A. M. Fosdick, Education; R. H. Gerke, Chemistry; A. S. Gibbs, Anthropology; F. G. Gilchrist, Zoology; Harriet Glendon, Household Science; E. C. Goldsworthy, Mathematics, to December 31, 1921; Winifred Graham, Physics; Katherine M. Groesbeck, Anthropology; J. W. Groves, Education; Mrs. Eleanor Grove, Mathematics; Roy Hafen, History; R. P. Hall, Zoology; W. H. Hall, Chemistry; G. P. Hammond, History; O. Hardy, History, to December 31, 1921; Lawrence A. Hill, History; Georgea T. Hine, English; C. D. Hulin, Geology; T. F. Hunt, Geography, to December 31, 1921; Laura James, Household Science; J. G. Johnson, History; Vera Lautenschlager, Hygiene; E. L. Lazier, Zoology; W. J. Luyten, Lick Observatory; Harley F. MacNair, Political Science; V. Markham, English; H. C. Mitchell, History; Gladys Murphy, Philosophy; Gwendolyn Perry, English; Louise M. Ploeger, Hygiene; C. W. Rees, Zoology; A. Riven, Economics, to December 31, 1921; J. C. Scott, Anthropology; E. Van Slyke, Zoology; W. Snow, History, to December 31, 1921; Mattie E. Stover, Hooper Foundation; Martha Thompson, Zoology; Margaret D. Thomson, Zoology; R. Vandervort, Public Speaking; A. P. Vauselow, Physics; Jean Walker, Clinical Psychology; G. A. Werner, History; Alva C. Wilgrus, History; Lucile Wilson, Anthropology; W. G. Wirth, History; Doris Woodall, English.

Specialist in Agricultural Extension: R. T. Robinson from September 1, 1921.

California Museum of Vertebrate Zoology: H. C. Bryant, Economic Ornithologist.

Southern Branch: W. J. Norris, Physician for Men; Anna Fossler, Assistant Librarian, from September 1, 1921; Alice Hubbard, Teacher of Spanish in the Training School.

University High School: Mrs. Belle Bickford, Supervisor of Modern Languages; F. Carter, Assistant Supervisor of Music; Grace Findlay, Assistant Supervisor of Sciences; H. H. Hindman, Supervisor of Physical Education for Boys; Rose Shonka, Supervisor of the Teaching of Household Economics; Glen Wood, Lecturer in the Teaching of Music.

PROMOTIONS AND CHANGES IN TITLE*

Associate Professor: G. Y. Rusk, Pathology, given additional title of Lecturer in General Pathology in the College of Dentistry.

Assistant Professor: A. P. McKinlay, Latin, Southern Branch, given additional title of Registrar for July.

Instructor: Dorothy Wood, Anaesthesia, from Assistant.

Assistant: C. L. Calendar, Surgery, given additional title of Assistant in Topographical Anatomy.

Southern Branch: Florence Hallam, Teacher of Chemistry in Training School, changed to Associate in Chemistry in Training School; Helen Keller, Supervisor of Opportunity Room, to Supervisor of Adjustment Room; M. B. Porter, Appointment Secretary and Supervisor of Training, to Appointment Secretary and Supervisor of Teacher Training.

LEAVES OF ABSENCE†

Professors: E. H. Mauk, Prosthetic Dentistry; H. S. Reed, Plant Physiology; E. T. Williams, Oriental Languages and Literature, for an indefinite period from August 1, 1921, but not to exceed December 31, 1921.

Astronomer in the Lick Observatory: R. H. Tucker, August 8 to October 8.

Assistant Professors: J. R. Beach, Veterinary Science, August 1-October 31; Howard Ruggles, Assistant Clinical Professor of Roentgenology, August 24-October 24.

Instructors: S. L. Jory, Architecture, July 1-December 31; Alma Patterson, Education, Southern Branch; I. C. Schumacher, Medicine, to October 1.

Assistants: P. H. Arnot, Obstetrics and Gynecology, August 9-August 24; F. H. Ballou, Zoology, August 16, 1921, to June 30, 1922; P. J. Calvi, Otolaryngology, Rhinology, and Laryngology, August 1 to October 31; M. E. Corbin, Agricultural Extension, August 20 to August 31; S. Olsen, Urology, July 1 to July 31; J. J. Sampson, Medicine, July 18 to October 7; Belle Whitice, Industrial Arts, Southern Branch; Margaret Wythe, California Museum of Vertebrate Zoology, July 1 to October 1.

Recorder Southern Branch: L. A. Maverick, July 1 to August 31.

* From July 1, 1921.

† From July 1, 1921, to June 30, 1922, unless otherwise designated.

RESIGNATIONS*

Professor: G. H. Robinson, Law.

Assistant Professors: E. F. Davis, Geology; M. A. W. Lee, Agricultural Extension, from September 1; B. F. Stelter, English, Southern Branch.

Assistant Astronomer: H. Thiele, from August 31.

Instructors: W. F. Blake, Ophthalmology; F. R. Morris, Mathematics; J. M. Rehfish, Medicine; W. C. Wright, Dental Porcelain; J. E. Zimmerman, Materia Medica, Botany and Pharmacognesy in the California College of Pharmacy.

Lecturer: H. T. Moore, Principles and Practice of Surgery in the College of Dentistry.

Associates: Caroline Coleman, Physical Education; W. H. Rodebush, Chemistry, from September 1.

Assistants: Mary G. Collopy, Agricultural Extension, from August 1; W. J. Hawkins, Clinical Dentistry; H. L. Hitchcock, Orthopedic Surgery; E. H. Howell, Applied Homeopathic Therapeutics; E. Vuylsteker, French.

Teaching Fellows: I. W. Cox, Physics; Charlotte Evans, English; S. A. Francis, Physics; C. E. Meek, Geology; R. M. Miller, Economics; J. L. Seymour, English.

Specialists in Agricultural Extension: D. S. Fox, from September 1; J. S. Masten, from September 1; R. E. Nebelung, from August 21; Mrs. E. A. Pinnell, from August 21.

California Museum of Vertebrate Zoology: H. G. White, Assistant Curator in Osteology.

Southern Branch: Elizabeth Halsey, Director of Physical Education for Women; E. C. Fishbaugh, Physician for Men.

ALUMNI

The Alumni Association has devoted much time and effort to increasing the efficiency of its address files during the past three months by checking up known addresses and by adding the names of those not already listed. In securing added names the association has been aided by the Stadium Committee which sent out thousands of postcards for the purpose of securing the recent addresses of graduates and former students. The names of approximately 20,000 men and women are now listed.

The Alumni Council, at its August meeting, pledged support to the stadium campaign. A special Stadium Number of the Alumni Monthly was mailed to all alumni whose addresses were known.

Considerable activity has been shown in various communities toward the formation of alumni bodies, and many cities and counties in the State already have well organized alumni groups. Among the communities

* Effective July 1 unless otherwise designated.

which have announced their intention to form organizations are Yolo and Modoc counties, Long Beach, San Diego, San Francisco, Oakland, Phoenix, Seattle, Washington, and Chicago.

For the purpose of the stadium campaign every large city and town in the state of California is organized.

Beginning this year the publication of the alumni paper was changed from a fortnightly to a monthly organ.

UNIVERSITY MEETINGS

August 15—President David P. Barrows.

August 26—Thomas Forsyth Hunt, Professor of Agriculture and Dean of the College of Agriculture; and Harry Beal Torrey, Professor of Zoology in the University of Oregon.

September 16—President David P. Barrows; Frank H. Probert Professor of Mining and Dean of the College of Mining; F. W. Tenny, President of the Associated Students; and S. N. Merring, of the Class of 1920.

MUSICAL AND DRAMATIC EVENTS

(Held in Wheeler Hall Auditorium unless otherwise specified)

July 6—Sascha Jacobinoff, violinist, and William Silvano Thunder, pianist, in recital.

July 8—"Beyond the Horizon," by Eugene O'Neill.

July 9—"The Jest," by Sem Benelli, Greek Theatre.

July 13—Sascha Jacobinoff, violinist, and William Silvano Thunder, pianist, in recital.

July 15—"Pygmalion," by G. Bernard Shaw.

July 16—Shakespeare's "Twelfth Night," Greek Theatre.

July 18—Second performance of "Pygmalion," by G. Bernard Shaw.

July 20—Sascha Jacobinoff, violinist, and William Silvano Thunder, pianist, in recital.

July 21—Mozart's "The Marriage of Figaro," Greek Theatre; Paul Steindorff, Director.

July 22—"Belinda," by A. A. Milne, and "O'Flaherty, V. C.," by G. Bernard Shaw.

July 23—Second performance of Mozart's "The Marriage of Figaro," Greek Theatre; Paul Steindorff, Director.

July 26—Second performance of "Belinda," by A. A. Milne, and "O'Flaherty, V. C.," by G. Bernard Shaw.

July 27—Sascha Jacobinoff, violinist, and William Silvano Thunder, pianist, in recital.

July 28—An hour of dance impressions by Joseph Paget Fredericks, Greek Theatre.

July 29—Sascha Jacobinoff, violinist, and William Silvano Thunder, pianist, in recital.

August 26—Second Dance Concert by Joseph Paget Fredericks, Greek Theatre.

September 1—French Operatic Concert of the eighteenth and nineteenth centuries by Antoine de Vally, assisted by Mademoiselle Jeanne Feront.

LECTURES

July 5—Frank Keenan, "Joseph Jefferson and the American Stage."

July 7—C. A. Prosser, Director of the William Hood Dunwoody Industrial Institute, "The Foreman in American Industry."

July 11—Albert Schinz, Professor of French, Smith College, "Some Problems of Teaching French."

July 12—Frank B. Rutter, Trade Commissioner, Bureau of Foreign and Domestic Commerce, "Some General Misconceptions Regarding Foreign Trade."

July 14—John B. Andrews, Secretary of the Association for Labor Legislation, New York, "When Women Work."

July 18—Albert Schinz, Professor of French, Smith College, "Some Problems of Teaching French."

July 18—H. R. Fairclough, Professor of Latin, Stanford University, "The New Kingdom of Jugo-Slavia."

July 18—Charles G. Osgood, Professor of English, Princeton University, "New Anecdotes of Johnson: Lady Phillipina Knight and Boswell."

July 19—Baldwin M. Woods, Professor of Aerodynamics and Dean of the Summer Session in Los Angeles, "The Aeroplane: Its Invention and Development."

July 19—Charles R. Brown, Dean of the Divinity School, Yale University, "The Day of Rebuilding."

July 20—Julius Stieglitz, Professor of Chemistry, University of Chicago, "The Significance of Chemistry in the Life of the Nation."

July 21—John Driscoll Fitz-Gerald, "Ideas and Ideals in Nineteenth Century Spanish Literature."

July 21—Rev. Francis S. Price, "Yosemite Valley and the High Sierras." (Illustrated.)

July 21—Raymond H. Franzen, Director of Educational Research, Des Moines, "The Social Significance of Intelligence Measurements."

July 25—Herbert Leslie Stewart, Professor of Philosophy, Dalhousie University, "The Psychology of Laughter, Wit, and Humor."

July 26—Edwin Garrigues Boring, Professor of Experimental Psychology, Director of the Laboratories in Experimental Psychology, Clark University, "The Language of the Emotions."

July 26—Edward Kellogg Strong, Professor of Vocational Education, Carnegie Institute of Technology, "The Strategy of Advertising."

July 27—President David P. Barrows, "The University of California."

July 28—John Willis Slaughter, Lecturer in Civics and Philanthropy, Rice Institute, "Our Policy in Latin-America."

July 28—Arthur Norman Holcombe, Professor of Government, Harvard University, "Human Nature and the Income Tax."

August 25—Henry Goddard Leach, Secretary of the American-Scandinavian Foundation, "The Values of International Study."

August 31—Albert Léon Guérard, Professor of French in the Rice Institute, "International Languages."

September 7—Francis W. Hirst, Lecturer in Politics, "Mr. Lloyd George and His Colleagues."

September 14—Francis W. Hirst, Lecturer in Politics, "The Liberal Party in England."

September 19—Nicholas Roerich, "The Joy of Art."

September 21—Francis W. Hirst Lecturer in Politics, "The Problems of Irish Government."

September 24—Richard T. Holbrook, Professor of French, "The Portraits of Dante."

September 30—Dr. Aurelia Reinhardt, President of Mills College, "The Profession of Teaching."

SPECIAL LECTURE COURSES

SHORT COURSE IN LAND COLONIZATION

September 5—President David P. Barrows.

September 6—Dean Thomas F. Hunt.

September 7—Professor Elwood Mead.

September 12—President David P. Barrows.

September 13—Dean Thomas F. Hunt.

September 14—Professor Elwood Mead.

September 15—Professor B. H. Crocheron.

BRITISH INDIA

E. A. Horne, Professor of Economics and Political Science at the University of Patna, India, delivered a series of lectures on "British India."

September 26—India: The Political System and its Background.

September 29—Outline of the Political and Constitutional Development.

September 30—The Growing Demand for Home Rule.

October 3—The Establishing of Self-Governing Institutions.

October 4—Problems of the New Era.

GREAT PERSONALITIES

A series of lectures delivered by John Cowper Powys late Staff Lecturer on Literature for Oxford and Cambridge.

September 6—Saint Paul.

September 8—Helen of Troy.

September 13—Dante.

September 15—Joan of Arc.

September 20—D'Annunzio.

September 22—Queen Victoria.

DEPARTMENT OF PUBLIC SPEAKING

The Department of Public Speaking presented two readings by Miss Florence Lutz, Assistant Professor of Voice Culture.

July 11—"A Kiss for Cinderella," by J. M. Barrie.

July 25—"Faust," a free adaptation of Goethe's poem, by Stephen Phillips and J. Comyns Carr.

EARL FOUNDATION LECTURERS

Masaharu Anesaki, Professor of Comparative Religion in the Imperial University of Tokio, delivered a series of four lectures on the E. T. Earl Foundation of the Pacific School of Religion in coöperation with the University.

September 19—Morals and Religion in the Orient and Occident.

September 23—Buddhism and Christianity in Contact and Reaction.

September 26—The Introduction of the Industrial Regime—its Constructive and Destructive Effects.

September 27—Religious Agitation and the Social Problem.

HALF-HOUR OF MUSIC

(Sunday afternoons in the Greek Theatre)

July 3—Mme. Raegan Talbot soprano, accompanied by Joseph McIntyre.

July 10—Harriet Bennett, soprano.

July 17—James Breakey, pianist.

July 24—Summer Session Chorus, Frederick Alexander, Conductor; and Summer Session Orchestra, Sascha Jacobinoff, Conductor.

July 31—James Paul Montgomery, baritone, accompanied by August Serentoni.

August 7—Helene Allmendinger, contralto; Elwin A. Calberg, pianist; Mrs. Josephine Carew Aylwin, accompanist.

August 14—Eleanor McLaughlin, contralto, accompanied by Mrs. J. S. Hanrahan.

August 21—Mrs. Irene Howland Nicoll, dramatic contralto, accompanied by Edgar Thorpe.

August 28—Elizabeth C. Wilcox, soprano, accompanied by Frederick Maurer.

September 4—The Boy Chorus of the Columbia Park Boys' Club; Sidney S. Peixotto, Director.

September 11—Orley See and the Misses Dorothy Hospitaler, Reva Patrick, and Mabel Lockhart, in violin ensemble, assisted by Miss Grace Jorges, pianist; and Norman Stewart Macdonald, baritone, accompanied by Mrs. Hazel Wimer.

September 18—Marian Patricia Cavanaugh, pianist.

September 25—Ruth Deardorff-Shaw, pianist.

UNIVERSITY OF CALIFORNIA
RECORD

VOLUME 2 NUMBER 1

JANUARY 1922

UNIVERSITY OF CALIFORNIA PRESS
BERKELEY, CALIFORNIA



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YEARLY SUBSCRIPTION
ONE DOLLAR

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UNIVERSITY OF CALIFORNIA RECORD

OCTOBER 1 TO DECEMBER 31, 1921

Volume 2

JANUARY, 1922

Number 1

DEGREES CONFERRED DECEMBER 16, 1921

Four hundred and seventy-one degrees were conferred upon students of the University, as of date December 16, 1921, by action of the Academic Senate confirmed by the Board of Regents. This is an increase of 26.6 per cent over 1920, when 372 degrees were conferred.

Degrees were granted as follows: Doctor of Dental Surgery, 3; Bachelor of Science, 78 (College of Agriculture, 43; College of Chemistry, 5; College of Civil Engineering, 4; College of Commerce, 20; College of Mechanics, 5; College of Mining, 1); Bachelor of Arts, 317; Master of Science, 12; Master of Arts, 49; Juris Doctor, 2; Doctor of Medicine, 1; Doctor of Philosophy, 9.

STUDENT UNION

The Student Union, which has occupied a place in the plans and records of the University for at least the past twenty-five years, is now becoming a reality. The excavations have been completed and the concrete work is going ahead as rapidly as the weather permits. The other contracts on the building have practically all been let and will proceed in regular order. The building will be finished sometime during the summer of 1922 and will be opened with the fall semester of that year.

CALIFORNIA MEMORIAL STADIUM

The campaign for funds for the erection of a Memorial Stadium has resulted in the following subscriptions to date:

Alumni and public	5,867
Bank	836
Student	3,245
Faculty	254

10,202

This means that over a million dollars is available and that the project can be successfully carried to completion.

Arrangements are now being made for the purchase of land and it is hoped that this purchase will be concluded at an early date so that the site may be cleared and the structure commenced not later than May, 1922. This will mean that it can be completed readily prior to the Big Game of 1923.

GIFTS

An Alumnus, \$3342 for the purchase of the Breuel Collection for the University Library.

An Alumnus, \$1000 to be used for the salaries of research workers in the Department of Pediatrics in the Medical School.

An Alumnus, \$75 to be applied to the non-resident fee of a student in the Medical School.

Margaret Arnett, Alameda, \$5 for the Kofoid Research Fund.

Dr. J. V. Barrows, Los Angeles, \$5 for the Kofoid Research Fund.

F. W. Bradley, \$500 for the Astronomical Observing Station at Cerro San Cristobel, Santiago, Chile.

Dr. L. M. Boyers, Berkeley, \$5 for the Kofoid Research Fund.

Canners' League of California, \$1500 as a contribution toward the investigations in connection with botulism at the George Williams Hooper Foundation for Medical Research.

Chu Chi Chen, Envoy of the Chinese Special Mission, a beautifully decorated copy of the catalogue of the Four State Libraries of China.

Commission for Relief of Belgium Educational Foundation, \$19.10 for the purchase of permanent equipment for Dr. de Brabandère, of the College of Dentistry.

Mrs. Louis F. Cockroft, Oakland, to the Anthropological Museum, one hundred and twenty-five weapons from Australia, New Guinea, and Melanesia.

J. W. Coulter, Piedmont, to the Anthropological Museum, a skull from Gorda, Monterey County.

W. E. Creed, \$700 to cover the cost of art exhibits at the University during the present academic year.

Mrs. Guy S. Dyer, Cleveland, Ohio, to the Anthropological Museum, nineteen Australian specimens to constitute a special collection in memory of her husband, an alumnus of the University.

F. C. Ebert, Los Angeles, one hundred and eighty-two volumes of government reports for the library of the Southern Branch.

First National Bank of Berkeley, \$230 to be added to the endowment established by action of the Board of Regents on August 23, 1921, for assistance in the production of dramatic performances participated in by the student body at the University, which are conducted primarily for developing dramatic talent among the students.

Mrs. Lafayette Fish, Berkeley, geological and mineral samples collected many years ago by her husband in the petrified forests near Calistoga.

Edythe Foster, \$150 for the Marjorie Greene Foster Scholarship for the academic year 1922-23.

From the estate of Mrs. Phoebe A. Hearst, \$1200 in support of the eight Hearst scholarships of \$300 each.

W. E. Hering, Philadelphia, \$200 for the support of the Constance Hering Loan Fund for the present academic year.

A. D. H. Hough, an artist's proof copy of an etching of Belleau Wood by the American artist, Louis Orr.

F. H. Humberstone, San Francisco, to the Anthropological Museum, 100 specimens from Pisagua, northern Chile.

J. L. Lawrence, president of the Herzog Electric and Engineering Company of San Francisco, a complete set of turbine blades for the Mechanical Engineering Department.

R. S. Leavens, Berkeley, \$10 for the Kofoid Research Fund.

James Logan, \$4.10 as an addition to the principal of the Xi Psi Phi Loan Fund.

Philip Lowengart, \$2000 for the establishment of a scholarship in the name of his deceased son, Philip Lowengart.

Mrs. Mary J. L. McDonald, thirty-four first mortgage bonds, to establish four scholarships to be known as the James Monroe McDonald Scholarships, to be given in Physics, Chemistry, Mining, and Civil Engineering.

Maude L. Millard, Berkeley, to the Anthropological Museum, eight framed photographs of Hawaiians.

National Canners' Association, \$2500 as a contribution toward the investigations in connection with botulism at the George Williams Hooper Foundation for Medical Research.

National Dental Association, \$400 for the research work of Dr. J. S. Marshall, Associate Professor of Biochemistry and Dental Pathology in the College of Dentistry.

Mabel E. Palmer, of the class of 1908, \$10 to be applied to a student loan fund.

Jesse Peter, Santa Rosa, to the Anthropological Museum, 112 archaeological specimens excavated in Marin and Sonoma counties.

F. E. Reese, San Francisco, to the Museum of Palaeontology, a collection of fossils from the Palaeozoic of the Middle West.

Nicholas Roerich, a costume design made for the Pushkin-Rimsky-Korsakov opera, Tsar Saltan.

Regent Chester A. Rowell, \$250 to be used for the salaries of research workers in the Department of Pediatrics in the Medical School.

Russian Students' Club of the University, \$50 for the establishment of a Russian Students' Loan Fund.

M. H. Schapp, of the San Francisco office of the General Electric Company, through F. F. Bloomer, of the same company, a sensitive thermometer reading to $1/10^{\circ}$ centigrade.

J. B. Smith, Burlingame, to the Herbarium, \$150 to cover the expenses of the purchase of a set of North Bornco plants collected by Chaplain and Mrs. Joseph Clemmons, of Morgan Hill, California.

A. B. Spreckles, \$500 as a contribution toward the maintenance of the Astronomical Observing Station at Cerro San Cristobel, Santiago, Chile.

Swedish American Patriotic League of California, \$125 for the support of the scholarship by that name, for the academic year 1921-22.

J. F. Swett, Martinez, to the library of the School of Education, the library of his father, sometime Superintendent of Public Instruction, California.

University of London, a copy of the Roll of the War Service, University of London Officers Training Corps.

Mrs. Dora F. Williams, San Francisco, \$300 for the Enid Williams Memorial Scholarship, and for the upkeep of the Library of Music.

Wisconsin Academy of Sciences, Arts, and Letters, Madison, Wisconsin, a bronze medallion issued in 1920 in commemoration of the fifteenth anniversary of the founding of the Wisconsin Academy, 1870-1920.

DANTE CELEBRATION

The University commemorated the sixth centenary of the death of Dante, Tuesday evening, November 30, 1921, in Wheeler Hall. The exercises were dignified and solemn, worthy of the poet's greatness. President Barrows presided. In introduction to a series of addresses, he briefly expressed the reasons why it was incumbent upon the University to pay homage to the great Dante in this year when all the world was revering him.

Addresses were given by the following: Mr. James Bacigalupi, vice-president of the Bank of Italy, Archbishop Edward J. Hanna, Mr. Silvestro Andriano, acting for Com. Fileti, Consul General for Italy, and Professor Charles Mills Gayley.

Readings were given by Professor C. D. von Neumayer, in English, from the *Divine Comedy: Paradise*, Canto XXXIII, and by Miss Teresita Tommasini, who read the same canto in the original.

During the intermission, a musical programme was rendered by the following artists: Mr. Thomas Freeman, pianist, playing compositions of Beethoven and Schumann, and Mr. and Mrs. Cedric Wright, violinists, playing selections from the works of Bach and Tartini.

WESTERN CONFERENCE OF DEANS OF WOMEN

The Western Conference of Deans of Women met in connection with the Second Intercollegiate Conference of Associated Women Students at Berkeley, November 8, 9, and 10, 1921. The meetings were held in Room 116, Library, University of California. Twenty-two members of the conference were present, eighteen of whom were from California. Six universities, four colleges, four normal schools, and four junior colleges were represented.

Miss Grace E. Berry, Dean of Women at Pomona College, presided. Among the matters discussed were the value of a conference of deans of women; an analysis of the position of a dean of women; the responsibility of a dean of women with respect to some of the fundamental ethical problems of the day; and at a joint session of the students' conference and the conference of deans of women, coöperation of students and faculty.

The conference will meet in the fall of 1922 concurrently with the student conference at the University of Utah. Officers for the coming

year are: Lucy Ward Stebbins, Dean of Women, University of California, president; Ethel Hunley Coldwell, Dean of Women, University of Washington, vice-president; Grace E. Berry, Dean of Women, Pomona College, Claremont, secretary-treasurer.

CONVENTIONS AND EXHIBITS

Two exhibitions have been held in Architecture Hall: October 16-29, water colors by contemporary artists, including Maurice Prendergast, John Marin, George Luks and Paul Dougherty; November 21-December 3, paintings by Randall Davey.

Ten of the seventeen papers presented at the twenty-third annual meeting of the Philological Association of the Pacific Coast, held in San Francisco on November 25 and 26, were by members of the University faculty, as follows: J. T. Allen, Professor of Greek, "Types of Greek Theatres and their Development"; C. Bransby, Assistant Professor of Spanish, Emeritus, "The English School Days of Edgar Allen Poe"; G. M. Calhoun, Associate Professor of Greek, "Solon and Criminal Law in Athens"; M. E. Deutsch, Associate Professor of Latin, "E Pluribus Unum"; W. M. Hart, Professor of English, "The Realism of Aphra Behn"; B. H. Lehman, Assistant Professor of English, "The Etymological Method of the Early English Dictionaries"; R. Michaud, Professor of French, "The French Short Story, History and Definitions"; G. Montgomery, Assistant Professor of English, "The Occasion and Purpose of Primitive Song"; S. G. Morley, Associate Professor of Spanish, "An Unpublished *Comedia* attributed to Lope de Vega"; A. Thaler, Assistant Professor of English, "Costumes and Properties in the Elizabethan Theatre."

UNIVERSITY PRESS PUBLICATIONS

AGRICULTURAL SCIENCES

The Alinement Chart Method of Preparing Tree Volume Tables, by Donald Bruce.

ANATOMY

The experimental production of circulating endothelial macrophages and the relation of these cells to the monocytes, by Miriam E. Simpson.

Vital staining of human blood with special reference to the separation of the monocytes, by Miriam E. Simpson.

CLASSICAL PHILOLOGY

Lucretius and Cicero's Verse, by W. A. Merrill.

Notes on the *Silvae* of Statius, Book V, by W. A. Merrill.

GEOLOGY

Extinct Vertebrate Faunas from the Badlands of Bautista Creek and San Timoteo Cañon of Southern California, by Childs Frick. 8 plates.

Lower and Middle Cambrian Formations of Mohave Desert, by Clifton W. Clark.

Notes on Peccary Remains from Rancho La Brea, by John C. Merriam and Chester Stock.

Note on a Hipparion Tooth from the Siestan Deposits of the Berkeley Hills, California, by Chester Stock.

HISTORY

History of the San Francisco Committee of Vigilance of 1851, by Mary F. Williams. 4 plates.

PHILOSOPHY

An Analysis of Certain Theories of Truth, by George Boas.

PHYSIOLOGY

Some Remarks on Catalase, by Theo C. Burnett.

SEISMOLOGY

The Registration of Earthquakes at the Berkeley Station and at the Lick Observatory Station from October 1, 1920, to March 31, 1921, by Lewis A. Bond.

ZOOLOGY

Two New Rodents from the Eastern Border of California, by Joseph Grinnell.

FACULTY

M. E. Deutsch, Associate Professor of Latin, was elected President of the Philological Association of the Pacific Coast.

F. P. Gay, Professor of Bacteriology, has been made a representative of the proposed Inter-allied Congress of Hygiene and Bacteriology, to be held at Strasbourg from May to October, 1923.

E. P. Lewis, Professor of Physics, has been appointed vice-chairman of the Division of Physical Sciences of the National Research Council.

C. L. Roadhouse, Professor of Dairy Industry, presided at the annual meeting of the International Association of Dairy and Milk Inspectors held in New York during November.

C. F. Shaw, Professor of Soil Technology, attended the conference of the American Association of Soil Survey Workers, held in November at Lansing, Michigan.

W. P. Tufts, Assistant Professor of Pomology, attended the Pacific Northwest Fruit Exposition at Seattle.

C. W. Woodworth, Professor of Entomology, has been granted leave of absence until June 30, 1922, to engage in a campaign against insects in the province of Kiangsu, China.

APPOINTMENTS*

Instructors: G. W. Boericke, Homeopathic Materia Medica, from October 1; G. E. Hine, Medicine, from November 15; Martha Jones, Research Instructor in Pediatrics, from September 1; J. S. Shell, Metallurgy and Chemistry in the College of Dentistry; C. E. Smith, Pathology, from July 1.

Lecturer: Kate Gordon, Psychology, Southern Branch; F. E. Hineckley, International Law and Politics; H. H. Preston, Economics.

Associates: V. Kersey, Education, Southern Branch, from July 1; Madeleine Letessier, French, Southern Branch, from July 1; Constance Gray, Chemistry; Mrs. Cynthia B. Lewis, Education, Southern Branch, from July 1.

Assistants: H. T. Anderson, Agricultural Extension, from October 1; Sophia M. Balch, Public Health Nursing, from November 1; Katherine E. Bennett, Agricultural Extension, from November 1; Edna A. Black, Agricultural Extension, from November 1; E. L. Bruck, Medicine (half-time); F. H. Ernst, Agricultural Extension; A. C. Gibson, Otolaryngology, Rhinology, and Laryngology, from September 15; A. F. Gillette, Agricultural Extension, from October 10; Lloyd Hardgrave, Pediatrics, from October 15; J. P. Hertzell, Agricultural Extension, from October 1; J. J. Kingston, Pediatrics, from October 15; Kunisada Kiyasu, Pediatrics, from October 15; Anne E. McCormick, Agricultural Extension, from October 1; E. S. May, Assistant in Pharmacology, January 1, 1922, to April 30, 1922; R. P. Miller, Geology; H. W. Plath, Obstetrics and Gynecology, from September 17; C. C. Porter, Pathology, from November 1; A. F. Scott, Agricultural Extension, from November 1; E. Torpen, Agricultural Extension, from December 1; Eugenia Valentine, research assistant in the Medical School; C. E. Walsh, Agricultural Engineering, from October 3.

Teaching Fellows: E. F. Burrill, Economics, from July 1; E. C. Cuy, Chemistry; W. E. DeVries, Geography, from September 15 to December 31; K. R. Edlund, Chemistry; E. C. Goldsworthy, Mathematics; C. R. Howd, Economics, from September 1; W. C. McKern, Anthropology; Bernice M. Newbecker, Household Science, from September 10.

Specialists in Agricultural Extension: Ethelwyn Dodson, from October 16; W. E. Newlon, H. J. Wilder, from November 16; M. M. Winslow.

Assistant Physician for Men: Dr. W. H. Barnes, from September 1.

Supervising Principal of the University Elementary School: George Kyte.

Surgeon to the University Farm School; Dr. F. R. Fairchild.

Teacher of Printing in the Training School of the Southern Branch: E. E. King (half-time), from July 1.

Supervisor of Classes for the Training of Trade and Industrial Teachers, Los Angeles Center: J. G. Miller, from September 1.

* From January 1, 1922, to June 30, 1922, unless otherwise designated.

PROMOTIONS AND CHANGES IN TITLE*

Assistant Dean of the University of California Medical School and Assistant Director of the University Hospitals: L. S. Schmitt, from October 1.

Associate Professor: L. K. Underhill, Major Inf. U. S. A., Military Science and Tactics, from Assistant Professor, from October 15.

Assistant Professor: Franklyn Schneider, German, from Instructor.

Instructor: Mary F. Kavanaugh, Anaesthesia, from Assistant, from October 1.

Associate: E. G. Gudde, German, from Assistant, from January 1, 1922.

Assistant: E. J. Stirniman, Agricultural Extension, from Agricultural Engineering.

Recorder, Southern Branch: L. A. Maverick, given additional title of Lecturer in Vocational Education.

LEAVES OF ABSENCE†

Professors: I. B. Cross, Economics; R. Michaud, French, from July 1, 1922, to December 31, 1922; C. A. Noble, Mathematics, from July 1, 1922, to December 31, 1922; Rudolph Schevill, Spanish; E. T. Williams, Oriental Languages and Literature; C. W. Woodworth, Entomology.

Astronomer in the Lick Observatory: R. G. Aitken, from February 1, 1922, to June 30, 1922.

Associate Professors: F. T. Blanchard, English, Southern Branch; T. H. Goodspeed, Botany, from July 1, 1922, to June 30, 1923; W. C. Hays, Architecture, from August 20, 1921, to October 31, 1921; Clifton Price, Latin, from July 1, 1922, to June 30, 1923.

Assistant Professor: H. J. Baade, Agricultural Extension, from July 1, 1922, to June 30, 1923.

Instructors: H. W. Fleming, Surgery, from October 18, 1921, to November 18, 1921; Nellie B. Sullivan, Psychology, Southern Branch, from January 14, 1922, to June 30, 1922.

Assistants: Jessie L. Decker, Agricultural Extension, from September 28, 1921, to October 31, 1921; Zilla E. Mills, Agricultural Extension, from November 21, 1921, to November 30, 1921.

Fellow in the George Williams Hooper Foundation for Medical Research: Mrs. Hilda H. Heller, from September 1, 1921, to October 31, 1921.

Assistant Supervisor of Practice Teaching in the Training School of the Southern Branch: Bertha E. Wells, from November 1, 1921, to January 31, 1922.

Supervisor of the Adjustment Room in the Training School of the Southern Branch: Mrs. Helen B. Kellar, from July 1, 1921, to December 31, 1921.

* From July 1, unless otherwise designated.

† From January 1, 1922, to June 30, 1922, unless otherwise designated.

RESIGNATIONS*

Assistants: Florence Boddy, Public Health Nursing, from September 30; P. R. Farrington, Medicine, from November 30; Kate R. Gompertz, Orthopedic Surgery, from October 31; G. J. Milburn, Geology; J. R. Waters, Agricultural Extension, from October 10.

Teaching Fellows: A. P. Bouvier, English, from July 1; Harriet F. Glendon, Household Science, from September 10; Gladys E. Murphy, Public Speaking and Philosophy; E. Vincent, Economics.

Supervisor of Classes for the Training of Trade and Industrial Teachers, Los Angeles Center: G. W. Galbraith, from August 21.

ALUMNI

The period October to December, 1921, has been marked by the increased activity of alumni throughout the United States toward permanent organization. Permanent organizations have been effected in New York City, Boston, Mass., Chicago, Ill., Phoenix, Ariz., Salt Lake City, Utah, Taft and Pasadena, Calif. In each of these cities alumni meetings were held either before or on the day of the big game. Additional meetings were held in Seattle, Wash.; Hoquiam, Wash.; Honolulu; El Paso, Texas; Eureka and Modesto, California.

The Board of Alumni Visitors met for the week beginning November 14. The members of the Board, appointed by the President of the Association, are Mrs. Elsie Lee Turner, Mrs. Irene Taylor Heineman, Mr. Robert Sibley, Mr. Clinton E. Miller and Mr. J. E. Beard. At the initial meeting of the Board in President Barrows' office, each member was assigned a subject for investigation: Administration and General Educational Policy, to Mr. Miller; the Graduate Division and Research, to Mr. Beard; to Mr. Sibley, the Professional Schools and Colleges; to Mrs. Heineman, the College of Letters and Science; and to Mrs. Turner, Student and Faculty Welfare. Members of the faculty were consulted, classrooms and laboratories visited, and conferences held with President Barrows and with students. The Board members are each appointing a subcommittee of four, with himself as chairman, to study the problems of the University and to make recommendations. They will hold another meeting early in the coming year.

The Stadium Executive Committee has transferred to the Alumni office its card catalogue of alumni. The addresses therein are up to date and will be transferred to the records in the Alumni office. Through this means the office will have the names of more than twenty thousand men and women who have attended the University of California.

* From December 31, 1921, unless otherwise designated.

UNIVERSITY MEETINGS

October 7.—Charles H. Rieber, Professor of Logic, and George M. Stratton, Professor of Psychology.

October 21.—Alonzo Taylor, "Disarmament and Reconstruction."

November 4.—Francis W. Hirst, Lecturer in Politics, "America and England."

November 18.—Andrew L. Smith, Varsity football coach; George Latham, captain of the Varsity football squad; Luther A. Nichols, graduate manager, Associated Students; Charles H. Raymond, assistant professor of English; Leslie B. Henry, '12.

MUSICAL AND DRAMATIC EVENTS

(Held in Wheeler Hall Auditorium unless otherwise specified.)

October 7.—Treble Clef Opera, "Polly Put the Kettle On." Oakland Auditorium.

October 7.—"General John Regan," by G. A. Birmingham.

October 8.—"General John Regan," by G. A. Birmingham.

October 13.—Philharmonic Trio: Orley See, violinist; Wenceslao Villalpando, cellist; William Carruth, pianist.

October 14.—Alliance Française play, "On ne Badine pas avec l'Amour," by Alfred de Musset. Berkeley High School Auditorium.

October 15.—"John Gabriel Borkman," by Henrik Ibsen.

October 17.—Concert by Edith Benjamin, soprano; Carol Goebel Weston, violinist; Marian Prevost, pianist.

October 18.—E. Robert Schmitz, pianist. Harmon Gymnasium.

October 21.—Concert by University R. O. T. C. Band, Harmon Gymnasium.

October 21.—"John Gabriel Borkman," by Henrik Ibsen.

October 22.—"John Gabriel Borkman," by Henrik Ibsen.

October 27.—Philharmonic Trio.

October 28.—Robert Mantell and Genevieve Hamper in "The Merchant of Venice."

October 29.—Robert Mantell and Genevieve Hamper in "Julius Caesar."

October 29.—"The Great Adventure," by Arnold Bennett.

November 2.—Mask and Dagger play, "The Lucky One," by A. L. Milne, Berkeley High School Auditorium.

November 4.—"The Great Adventure," by Arnold Bennett.

November 5.—"The Great Adventure," by Arnold Bennett.

November 8.—Philharmonic Trio.

November 8.—Arthur Hackett, tenor, with Constance Freeman Hackett, pianist. Harmon Gymnasium.

November 12.—“The Silver Box,” by John Galsworthy.

November 12.—Junior Day plays: “Young King Cole,” by R. M. Polette, and “Help! Jean!” by R. B. Coons and Janet Brown.

November 16.—San Francisco Symphony Orchestra. Harmon Gymnasium.

November 18.—“The Silver Box,” by John Galsworthy.

November 25.—“The Silver Box,” by John Galsworthy.

November 26.—“Candida,” by George Bernard Shaw.

December 1.—San Francisco Symphony Orchestra. Harmon Gymnasium.

December 2.—“Candida,” by George Bernard Shaw.

December 3.—“Candida,” by George Bernard Shaw.

December 8.—San Francisco Symphony Orchestra. Harmon Gymnasium.

December 10.—“Mary Goes First,” by Henry Arthur Jones.

December 14.—“Candida,” by George Bernard Shaw.

December 15.—San Francisco Symphony Orchestra. Harmon Gymnasium.

December 16.—“Mary Goes First,” by Henry Arthur Jones.

December 17.—“Mary Goes First,” by Henry Arthur Jones.

LECTURES

October 4.—Blanche Bates, “The Necessity for Better English and Diction.” Before English Club.

October 6.—Alwyn Thaler, Assistant Professor of English, “Strolling Players.”

October 8.—Arthur de Jaczewski, “Organization and Work of Institutions for use of Mycology and Pathology in Petrograd.”

October 10.—Sir D. Drummond Fraser, K.B.E., Fellow and Member of the Council of the Royal Statistical Society, and of the Institute of Bankers, “The Ter Meulen Plan.”

October 25.—Hon. William D. Stephens, Governor of California, “Agriculture.”

October 26.—L. T. Jones, Assistant Professor of Physics, “Recent Work on the Masses of the Electron.”

October 27.—R. W. Gordon, Assistant Professor of English, “Ballad Imitations and the Literary Ballad.”

November 1.—Governor William D. Stephens, “California.” Before Agriculture Club.

November 1.—Florian Cajori, Professor of the History of Mathematics, "Magic Squares."

November 3.—J. W. Scott, Lecturer in Philosophy on the Mills Foundation, "Carlyle's 'Sartor Resartus.'"

November 4.—George M. Stratton, Professor of Psychology, "The Orient and the Armament Conference."

November 4.—Gregorio Nieva, editor of the *Philippine Review*, "Manila and the Philippines."

November 7.—Katherine Jewell Everts, reading of "The Children's Crusade," by Elizabeth Woodbridge.

November 12.—H. M. Hall, Honorary Curator in the Herbarium, "Botany's Contribution to the Hay Fever Problem."

November 18.—H. A. Hyde, "Coöperation in Agriculture."

November 23.—V. F. Lenzen, Instructor in Physics, "Born's Theory of Crystal Structure and its Application to Thermochemistry."

December 1.—W. H. Wells, Teaching Fellow in General Literature, "The Sea in English Fiction from Defoe to Conrad."

SPECIAL LECTURE COURSES

COMMITTEE FOR GENERAL LITERATURE

READINGS FROM THE CLASSICS

October 13.—C. M. Gayley, Professor of the English Language and Literature, readings from the Bible.

October 20.—B. H. Lehman, Assistant Professor of English, "The Trojan Women," by Euripides.

October 27.—J. T. Allen, Professor of Greek, "The Frogs," by Aristophanes.

November 3.—Clifton Price, Associate Professor of Latin, readings from Horace.

November 10.—C. D. von Neumayer, Associate Professor of Public Speaking and Dramatic Art, readings from Vergil.

November 17.—Florence Lutz, Assistant Professor of Voice Culture, readings from Dante.

HIRST LECTURES

A series of lectures on British Problems by Francis W. Hirst, Lecturer in Politics.

October 12.—The Irish Problem.

October 19.—British Imperialism.

October 26.—The League of Nations and the Mandates.

November 2.—British Socialism and Russian Communism.

November 9.—The Conservative Party and Mr. Lloyd George.

November 16.—Lord Morley and the Manchester School.

November 23.—Free Trade and Protection in Great Britain.

"OCCIDENT" LECTURES ON WRITING

October 11.—W. M. Hart, Professor of English, "Short Stories, Oral and Written."

October 18.—A. E. Anderson, Associate in English, "The Subject Matter of the Short Story."

October 25.—S. C. Pepper, Instructor in Philosophy, "The Short Story as a Literary Form."

November 1.—R. P. Utter, Associate Professor of English, "Style in the Short Story."

November 8.—Guy Montgomery, Assistant Professor of English, "Satire in Narrative."

DEPARTMENT OF PUBLIC SPEAKING

The Department of Public Speaking presented three readings by Florence Lutz, Assistant Professor of Voice Culture.

October 4.—"Lightnin'," by Winchell Smith and Frank Bacon.

October 25.—"Liliom," by Franz Molnar.

November 15.—"Heartbreak House," by George Bernard Shaw.

RENAISSANCE AUTHORS

R. T. Holbrook, Professor of French, delivered a series of three lectures on Renaissance authors.

November 28.—Dante.

November 30.—Petrarch.

December 2.—Boccaccio.

THE BARBARA WEINSTOCK LECTURES ON THE MORALS OF TRADE

November 17.—Wigginton Creed, president, Pacific Gas and Electric Company; former president, California Alumni Association, "Safeguarding the Future of Private Business."

November 30.—Francis W. Hirst, Lecturer in Politics, "The New Paper Monies of Europe, their Moral and Economic Meaning."

HALF HOUR OF MUSIC

(Sunday afternoons in the Greek Theatre.)

October 2.—H. B. Pasmore, assisted by Althea Burns, Rosabelle Scott, Therese Zahuatyn, and Suzanne Pasmore Brooks.

October 9.—University of California R.O.T.C. Band, Leroy Allen, director.

October 16.—Mrs. E. Marie Jansen, pianist, assisted by Ruth Bence, soprano; Festo Aspère, violin; Winston Perry, 'cello; Austin Armour, flute; August Arato, clarinet; Jacinto Batungbaçal, tenor.

October 23.—California Quartet: Carl Anderson, tenor; Lowell Redfield, baritone; Ruth Waterman Anderson, contralto; Marion Bower, soprano; Hazel Nichols, accompanist.

October 30.—Aahmes Shrine Band, Myers Dubbins, director.

November 6.—Arthur H. Leydecker, baritone; Marion Bower, soprano; Mabel West, accompanist.

November 13.—Mendelssohn Trio: Claire Upshur, pianist; Clinton Lewis, violinist; Paul Elder, cellist.

November 20.—Margaret Speer, soprano; Grace Becker, cellist; H. B. Pasmore, baritone; Mrs. Gayle G. Moseley and Edwin A. Calberry, accompanists.

STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC.,
REQUIRED BY THE ACT OF CONGRESS OF AUGUST 24, 1912,

Of the UNIVERSITY OF CALIFORNIA RECORD, published quarterly at Berkeley, California, for October 1, 1921.

STATE OF CALIFORNIA, }
COUNTY OF ALAMEDA, } ss.

Before me, a Notary Public in and for the State and county aforesaid, personally appeared OLIVER M. WASHBURN, who, having been duly sworn according to law, deposes and says that he is the Business Manager of the UNIVERSITY OF CALIFORNIA RECORD, and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management (and if a daily paper, the circulation), etc., of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912, embodied in section 443, Postal Laws and Regulations, printed on the reverse of this form, to wit:

1. That the names and addresses of the publisher, editor, managing editor, and business managers are:

<i>Name of—</i>	<i>Post office address—</i>
Publisher, University of California Press.	Berkeley, California.
Editor, James T. Allen.	Ibid.
Managing Editor, None.	
Business Manager, Oliver M. Washburn.	Ibid.

2. That the owners are: (Give names and addresses of individual owners, or, if a corporation, give its name and the names and addresses of stockholders owning or holding 1 per cent or more of the total amount of stock.)

Regents of the University of California. Berkeley, California.

3. That the known bondholders, mortgagees, and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgages, or other securities are: (If there are none, so state.)

None.

4. That the two paragraphs next above, giving the names of the owners, stockholders, and security holders, if any, contain not only the list of stockholders and security holders as they appear upon the books of the company but also, in cases where the stockholder or security holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting, is given; also that the said two paragraphs contain statements embracing affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustees, hold stock and securities in a capacity other than that of a bona fide owner; and this affiant has no reason to believe that any other person, association, or corporation has any interest direct or indirect in the said stock, bonds, or other securities than as so stated by him.

OLIVER M. WASHBURN.

Sworn to and subscribed before me this 11th day of October, 1921.

FRANK C. STEVENS.

(My commission expires July 2, 1922.)

UNIVERSITY OF CALIFORNIA RECORD

VOLUME 2 NUMBER 2

APRIL, 1922



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UNIVERSITY OF CALIFORNIA RECORD

JANUARY 1 TO MARCH 31, 1922

Volume 2

APRIL, 1922

Number 2

CHARTER DAY

Sir Auckland Geddes, K.C.B., British Ambassador to the United States, delivered the Charter Day address on the occasion of the fifty-fourth anniversary of the University on March 23, 1922. The degree of Doctor of Laws was conferred on Sir Auckland by President Barrows.

Charter week exercises began on the evening of March 22 with the delivery of the annual faculty research lecture by Dr. C. A. Kofoid, Professor of Zoology, on "Amoeba and Man," and the annual banquet of the Phi Beta Kappa Society.

On the afternoon of Charter Day President and Mrs. Barrows, with Sir Auckland and Lady Geddes, received members of the faculty, alumni, and guests of the University in Hearst Hall. In the evening the alumni held their annual banquet at the Hotel Oakland.

At the ceremonies at the Southern Branch of the University, Dean H. R. Hatfield gave an address on "Higher Education and the State."

CHARTER DAY PROGRAM

President David Prescott Barrows, presiding.

Academic Procession.

Processional March.

Invocation (Herman Frank Swartz, D.D.).

Announcements by the President.

Chorus: Mozart's "Ave Verum."

Charter Day Address—The Right Honorable Sir Auckland Geddes, K.C.B.
University Hymn.

Benediction.

REGENTS ESTABLISH TEACHERS' COLLEGE AT LOS ANGELES

By action of the Regents of the University, taken at their meeting held on February 14 in Los Angeles, the courses for teachers at the Southern Branch of the University will be reorganized and expanded to form a Teachers' College of the University of California. The new college will be coordinate with the other established colleges of the University.

A four years' course in the Teachers' College was authorized to begin with the academic year 1922-23. This four year course will lead to an appropriate degree or degrees. The details of the course are to be determined by the Regents at a later date.

The scope of the new Teachers' College of the University of California is to include training for kindergarten, elementary, junior high school, and special junior high and high school teachers.

SCHOLARSHIP REPORTS OF FRATERNITIES, SORORITIES, AND HOUSE CLUBS

The average scholarship grade at the University of California during the semester August to December, 1921, was 2.9320 for undergraduate fraternity and house club men, and 2.5179 for undergraduate sorority and house club women. On account of the changes in the grading system at the University, it is not possible to compare this figure with the scholarship standings of previous years. With the introduction of four passing grades instead of three the index number is larger than formerly.

The standing of each organization is computed by adding the number of units of grade "A," twice the number of units of grade "B," three times the number of units of grade "C," etc., up to six times the number of units for grade "F" and dividing the sum of these products by the total number of units. "Incomplete" is rated as equivalent to grade "E" and units for which grade "Passed" have been assigned are disregarded entirely.

Following are the comparative standings for the fraternities and house clubs:

<i>Rank by average grade</i>	<i>Average grade</i>
1. Timbram	2.0990
2. Delphic	2.4236
3. Alpha Kappa Lambda	2.4782
4. Achaean	2.6128
5. Psi Upsilon	2.6185
6. Phi Kappa Sigma	2.6899
7. Alpha Delta Phi	2.7193
8. Al Ikhwan	2.7232
9. Zeta Beta Tau	2.7284
10. Pi Kappa Alpha	2.7518
11. Alpha Beta Phi	2.7697
12. Theta Delta Chi	2.7849
13. Phi Lambda Alpha	2.8253
14. Phi Kappa Psi	2.8313
15. Delta Chi	2.8382
16. Delta Upsilon	2.8696
17. Acacia	2.8768
18. Pi Kappa Phi	2.8794
19. Alpha Tau Omega	2.8916
20. Sigma Phi Sigma	2.9078
21. Dahlonaga	2.9281
22. Dwight	2.9294
23. Sigma Phi	2.9351
24. Del Rey	2.9433
25. Abracadabra	2.9624
26. Phi Kappa Tau	2.9675
27. Kappa Sigma	2.9722
28. Alpha Sigma Phi	2.9791
29. Sigma Nu	2.9951
30. Phi Delta Theta	2.9982
31. Theta Chi	3.0010

<i>Rank by average grade</i>	<i>Average grade</i>
32. Delta Kappa Epsilon	3.0022
33. Sigma Chi	3.0105
34. Sigma Phi Epsilon	3.0203
35. Zeta Psi	3.0209
36. Tau Kappa Epsilon	3.0243
37. Phi Gamma Delta	3.0253
38. Bachelordon	3.0279
39. Chi Psi	3.0356
40. Delta Tau Delta	3.0479
41. Delta Sigma Phi	3.0491
42. Kappa Alpha	3.0919
43. Tilicum	3.1016
44. Lambda Chi Alpha	3.1123
45. Beta Theta Pi	3.1145
46. Phi Sigma Kappa	3.1365
47. Sigma Pi	3.1577
48. Theta Xi	3.1685
49. Chi Phi	3.2229
50. Sigma Alpha Epsilon	3.2586

Each of the organizations whose records are given above comprises among its members students in the four undergraduate classes. In addition there is one organization which lacks representatives in the freshman and sophomore classes, viz:

Alpha Chi Sigma	2.3225
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Comparative standings of sororities and house clubs follow:

<i>Rank by average grade</i>	<i>Average grade</i>
1. Alpha Chi Omega	2.1565
2. Delta Zeta	2.2112
3. Kappa Kappa Gamma	2.3010
4. Gamma Phi Beta	2.3107
5. Norroena	2.3317
6. Phi Mu	2.3437
7. Kappa Alpha Theta	2.3544
8. Kappa Delta	2.4044
9. Rediviva	2.4175
10. Chi Omega	2.4204
11. Alphi Phi	2.4427
12. Zeta Tau Alpha	2.4548
13. Delta Gamma	2.4561
14. Alpha Omicron Pi	2.4686
15. Alpha Gamma Delta	2.4713
16. Keweah	2.4810
17. Tewanah	2.4974
18. Pi Beta Phi	2.5086
19. Alpha Xi Delta	2.5353
20. Al Khalail	2.5375
21. Kappa Phi Alpha	2.5478
22. Alpha Delta Pi	2.5521
23. Theta Upsilon	2.5789
24. Achoth	2.6017
25. Delta Delta Delta	2.6241
26. Sigma Kappa	2.6752
27. Phi Sigma Gamma	2.8053
28. Alpha Sigma Delta	2.8432
29. Delta Sigma Theta	3.2903

In addition to the above there are two organizations which lacked representatives in all four classes, and therefore cannot appear in the comparative list. Their standings are as follows:

Phi Mu Delta	2.2891
Alpha Kappa Alpha	2.9152

GIFTS

Adjutant General of the United States Army, a certificate awarded in recognition of the services of the University of California in establishing a unit of the Students Army Training Corps during the World War.

An Alumnus, \$1000 as a contribution to the Kofoid Research Fund.

Anonymous donor, \$5000, which completes the sum of \$10,000 to be held by the Regents permanently and separately invested in securities for the Hattie Heller Graduate Scholarship Fund.

Anonymous donor, \$100 to cover the cost of three hundred color prints of old masters to be used in the course Graphic Art 167.

Board of Directors of the Bache Fund of the National Academy of Sciences, \$250 for the experimental work on ovulation in the mammalia to be carried on by H. M. Evans, Professor of Anatomy.

Louis F. Boerner, on behalf of the Electric Storage Battery Company of San Francisco, to the Automotive Laboratory of the Department of Mechanical and Electrical Engineering, an XX-13 plate Exide Battery, to be used for experimental purposes, the value of the gift being \$50.

Dr. Andrew Bonthius, Pasadena, \$5 to the Kofoid Research Fund.

Dr. L. M. Boyers, Berkeley, \$5 to the Kofoid Research Fund.

Dr. S. H. Buteau, \$100 as a contribution to the Sarah I. Shuey Memorial Scholarship for Women in Medicine.

Mary M. Campbell, \$10 as a contribution toward the Sarah I. Shuey Memorial Scholarship for Women in Medicine.

Canners League of California, \$500 to be used in connection with the botulism investigations being carried on at the George Williams Hooper Foundation for Medical Research.

Luigi Carnovale, on behalf of the Dante Society of Italy, a reproduction of the celebrated *Codice Trivulziano*, valued at \$500.

Janet Coleman, San Francisco, \$10 to the Kofoid Research Fund.

T. H. M. Compton, Los Angeles, to the Department of Geology of the Southern Branch, a collection of minerals.

Congregation Emanuel-El, San Francisco, \$100 as this University's contribution to the American School of Oriental Research in Jerusalem.

Wiggington E. Creed, San Francisco, \$100 as a contribution to the Library Fund of the College of Commerce.

Regent William H. Crocker, \$7000 for the financing of an expedition from the Lick Observatory to the "Ninety Mile Beach," on the coast of Australia, to observe the total solar eclipse due to occur on September 21, 1922.

Regent William H. Crocker, \$1500 as a contribution toward the support of the work of the Chile station of the Lick Observatory.

W. E. Darden, District Sales Manager for the Prest-O-Lite Company, San Francisco, to the Department of Mechanical and Electrical Engineering, one 611 S. H. C. Prest-O-Lite Battery.

De Laval Separator Company, \$400 covering the De Laval Scholarship awarded Leroy W. Ingram, a graduate student in the College of Agriculture, in the 1919 Students' National Contest in Judging Dairy Cattle in the National Dairy Show.

Employees of the Comptroller's Office, \$50 for the purchase of Christmas gifts for children in the wards of the University Hospital on Christmas Day, 1921.

The estate of Philip J. Faust, of Napa, a number of mineral specimens.

Childs Frick, Roslyn, New York, to the Vertebrate Section of the Museum of Palaeontology, \$500 for special research.

Florence Hallam, of Los Angeles, to the Department of Biology of the Southern Branch, a collection of micromaterials valued at \$125.

Alice R. Hilgard, \$5 for the Sarah I. Shuey Memorial Scholarship for Women in Medicine.

Robert T. Hill of Los Angeles, to the Department of Geology, Southern Branch, valuable collections of specimens and works of interest to students of geology.

R. T. Holbrook, Professor of French, 12 photographs of the mural decorations of Raphael in the Vatican in Rome.

Grace E. Howard, \$1 as a contribution to the Shuey Memorial Scholarship.

Regent H. A. Jastro, 14 volumes of old and rare books.

Miss Fidelia Jewett, \$5000 to establish a loan fund for women students.

Mrs. C. H. Jones, of Sierra Madre, to the library of the Southern Branch, more than fifty volumes of periodicals.

R. W. Kinney, \$500 for an Agricultural Scholarship.

Mrs. O. Kruschke, \$5 as a contribution to the Shuey Memorial Scholarship for Women in Medicine.

Arthur Landesen, San Francisco, 36 volumes of Russian, German, and French titles.

Executor of the will of R. H. Loughridge, \$2550 for the foundation of a fund to be known as the "Loughridge Scholarship," the income to be used for a scholarship in the Department of Agriculture.

Luthy Battery Company, Oakland, to the Department of Mechanical and Electrical Engineering, one 3J 15S Battery.

Ministry of Agriculture, Cairo, Egypt, \$639.60, to meet the salaries of two Egyptian students at the University.

National Cannery Association, \$6500 as a contribution to the botulism investigations now in progress at the George Williams Hooper Foundation for Medical Research.

National Meter Company, through Mr. George H. Bailey of San Francisco, to the Hydraulic Laboratory of the College of Mechanics, five meters valued at \$400.

Dr. W. H. Rodebush, Urbana, Illinois, \$25 to the Kofoid Research Fund.

E. W. Scripps, \$2000 to the E. W. Scripps Special Fund for Publications.

E. W. Scripps, \$5000 as a contribution to the trust fund, a retiring allowance in connection with the Scripps Institution for Biological Research.

Levi Strauss and Company, \$1750 in payment for the Levi Strauss Scholarships for the six months period ending June 30, 1922.

Dr. Ambrose Swasey, the chief engineering designer of the Lick telescope, \$2000 to make possible the representation of the University at the meeting of the International Astronomical Union to be held in Rome, Italy.

Florence M. Sylvester, \$5 for the Sarah I. Shuey Memorial Scholarship for Women in Medicine.

Mrs. Frederick C. Turner, \$5 as a contribution to the Sarah I. Shuey Memorial Scholarship.

University of California Medical School Alumni Association, \$310 as a contribution to the William Watt Kerr Scholarship fund.

E. C. Voorhies, to the Library of the University Farm, two books on Animal Husbandry, and a library of several thousand bulletins and circulars.

Martha M. Weber, \$10 to the University Infirmary.

Willard Storage Battery Company of San Francisco to the Department of Mechanical and Electrical Engineering, one SLR-3 Battery.

E. T. Williams, Agassiz Professor of Oriental Languages and Literature, a complete file of the daily bulletins of the Washington conference; a file of the summaries of American and European press comment; a set of maps prepared especially to illustrate the various questions under discussion at the conference, and a collection of propaganda pamphlets circulated among the several delegations by various organizations.

J. B. Winstanley, Los Angeles, to the Southern Branch, several hundred geological reports, professional papers, monographs, and bulletins.

EXHIBITIONS

Three exhibitions have been held in Architecture Hall: January 20-28, stage settings and costumes by Rudolph Schaeffer and Norman Edwards; February 12-18, water colors by Donna Schuster; March 5-18, lithographs by George Bellows.

UNIVERSITY PRESS PUBLICATIONS

AGRICULTURAL SCIENCES

Equilibrium studies with certain acids and minerals and their probable relation to the decomposition of minerals by bacteria, by Douglas Wright, Jr. 93 pages.

GENERAL WORKS

James K. Polk, a Political Biography, by Eugene I. McCormac. 746 pages. 2 illus.

FACULTY

Rudolph Sehevill, Professor of Spanish, has been honored by election to Corresponding Membership in the Royal Spanish Academy.

C. A. Kofoid, Professor of Zoology, was selected by the Academic Senate to be the Faculty Research Lecturer for 1922. The subject of his address was "Amoeba and Man."

H. E. Bolton, Professor of American History and Director of the Bancroft Library, H. I. Priestly, Professor of Mexican History and Librarian of the Bancroft Library, and C. E. Chapman, Associate Professor of Latin-American and Californian History, attended the meeting of the American Historical Association held at St. Louis, December 28-31.

APPOINTMENTS

Professor: C. B. Hutchinson, Professor of Plant Breeding and Director of the Branch of the College of Agriculture at Davis, from April 1.

Assistant Professor: C. F. Gross, Marine Engineering and Naval Construction.

Instructors: F. C. Leonard, Mathematics, Southern Branch; N. W. Mah, Political Science; Euphemia R. Worthington, Mathematics, Southern Branch.

Lecturers: H. C. Brown, Logic, from March 1; A. W. Sampson, Forestry; Katherine Martin, Primary Education, SB; Mrs. Ethel D. Watts, Lecturer on Tuberculosis.

Associate: Florence Bookwalter, Music, Southern Branch.

Assistants: Frank Davis, Irrigation Practice; Dorothy Harpham, Anatomy, from February 1; R. Huberty, Assistant in Irrigation Investigations; E. D. O'Brien, Agricultural Extension, from February 1; Sarah L. Patterson, Assistant Librarian in the Southern Branch, from February 1; C. G. Potter, Medicine (half-time) from November 15, 1921, to June 30, 1922; Mrs. Pauline E. Scott, Bacteriology, College of Dentistry; E. W. Smith, Bacteriology, College of Dentistry; Mrs. Maud H. Smith, Bacteriology, College of Dentistry; Louise Soulas, French.

Teaching Fellows: C. L. Barrett, Logic; Florence Bathgate, Logic; R. O. Carey, Economics; Grace Dietz, Public Speaking; G. W. Downing, Economics; O. Hardy, History; J. F. Kessel, Zoology; E. A. Markley, Geography; Mrs. Lu Emily Pearson, English; A. Rive, Economics; W. Snow, History; Anna L. Sommers, Botany; D. Sprong, Astronomy.

Fellow in the George Williams Hooper Foundation for Medical Research: Mrs. Carrie C. Dozier.

Specialist in Agricultural Extension: W. R. Schoonover, from February 16.

University High School: Ethel Durst, Acting Supervisor of the Teaching of Mathematics; Blanche O'Neil, Lecturer in the Teaching of Music.

University Elementary School: Marie E. Kinnell, Druce G. Crase, Helen L. Shaw, Gail H. Moody, Annie L. Raymond, Mrs. Isabelle H. Stewart.

LEAVES OF ABSENCE*

Professors: H. M. Evans, Anatomy, from March 1 to May 15; S. J. Holmes, Zoology.

Associate Professor: Katherine McLaughlin, Education, Southern Branch, from February 1 to June 30.

Assistant Professor: M. L. Darsie, Education, Southern Branch.

Lecturer: Mrs. Barbara N. Grimes, Law and Social Economics.

Associate: Mabel Barnart, Music, Southern Branch.

Fellow in the George Williams Hooper Foundation for Medical Research: Mrs. Hilda H. Heller.

University High School: Gertrude Allen, Supervisor of the Teaching of Mathematics; G. H. Wood, Lecturer in the Teaching of Music.

RESIGNATIONS†

Instructor: G. A. Coleman, Entomology, from June 30.

Assistants: E. S. Garrett, Medicine, from January 31; B. H. Ormand, Agricultural Extension.

Specialist in Agricultural Extension: B. C. Bougher.

Correspondence Teacher in Agricultural Education: Ralph Benton, from February 28.

ALUMNI

Since the first of the year new alumni organizations, indicating a healthy growth of local alumni organizations, have been created in the following cities: Chicago, Denver, Eureka, Ukiah, Napa, and Lodi.

Charter Day, March 23, was celebrated with the usual alumni banquet. Sir Auckland and Lady Geddes were the guests of honor. Other guests included President Henry Suzzallo of the University of Washington, Dr. Aurelia Henry Reinhardt, President of Mills College, Dr. José M. Galvez, Chilean Exchange Professor at the University, Senator and Mrs. Arthur H. Breed. The attendance was approximately 650 people. Speeches were made by our own President Barrows, Sir Auckland Geddes, and President Henry Suzzallo.

UNIVERSITY MEETINGS

January 13.—President David P. Barrows.

January 27.—Albert Wentworth Palmer, '01, Pastor of the Central Union Church, Honolulu.

February 10.—José M. Galvez, Chilean Exchange Professor, Professor of English and German at the University of Chile; and Robert Sibley, '03, Editor of the Journal of Electricity.

* From January 1 to June 30 unless otherwise designated.

† Effective December 31, 1921, unless otherwise designated.

February 24.—Otto Warburg, of Palestine; and Herbert I. Priestley, Associate Professor of Mexican History and Librarian of the Bancroft Library.

March 31.—Edwin T. Williams, Agassiz Professor of Oriental Languages and Literature; and Rev. Oswald W. McCall, Pastor of the First Congregational Church of Berkeley.

MUSIC AND DRAMA

January 14, 20, 21.—“Man and Superman,” by George Bernard Shaw.

January 23.—Lecture recital by Louise Van Ogle: “Le Coq d’Or.”

January 28, February 3, 4.—“Hedda Gabler,” by Henrik Ibsen.

January 28, February 3.—“A Good Woman,” by Arnold Bennett; “A Death in Fever Flat,” by George Cronyn; “The Glittering Gate,” by Lord Dunsany; and “The Sweetmeat Game,” by Ruth Comfort Mitchell. Hearst Hall.

February 9.—“Le Malade Imaginaire,” by Molière. Presented by André Ferrier of La Gaité Française, San Francisco.

February 11, 16, 17.—“Tea for Three,” by Roi Cooper Megrue.

February 11.—“Prunella,” by Granville Barker and Laurence Housman. Hearst Hall.

February 23.—Gustave Walther, violinist, in recital.

February 25, March 3, 4.—“The Lonely Way,” by Arthur Schnitzler.

February 25, March 3.—“Seven Keys to Baldpate,” by George M. Cohan and Earl Derr Biggers. Hearst Hall.

March 1, 8, 15, 22.—San Francisco Symphony Orchestra. Harmon Gymnasium.

March 9, 17, 18.—“Getting Married,” by George Bernard Shaw.

March 17.—“The Intruder,” by Maurice Maeterlinck; “The Prodigal Doll,” by Santiago Rusiñol; and “The Boy Comes Home,” by A. A. Milne. Hearst Hall.

March 25, 31.—“Wild Birds,” by Dan Totheroh.

March 25, 31.—“Hindle Wakes,” by Stanley Houghton.

March 27.—Children’s Concert, San Francisco Symphony Orchestra. Harmon Gymnasium.

March 30.—“Le Médecin malgré Lui,” by Molière. Presented by André Ferrier of Le Gaité Française, San Francisco.

LECTURES

January 20.—L. D. H. Weld, Manager Commercial Research Department, Swift and Company; formerly Professor of Business Administration, Yale University, “Why there are Middlemen.”

January 30.—Regent Chester Rowell, “World Problems of Today.”

February 16.—Alfred Zimmern, “The Present International Situation.”

February 20.—John R. Mott, Chairman of the World’s Student Christian Federation; General Secretary, The International Committee of Young Men’s Christian Associations, “The Students of the World.”

March 7.—R. Michaud, Professor of French, "Victor Hugo."

March 9.—Mary Morris, reading of "The Piper," by Josephine Preston Peabody.

March 9.—R. Michaud, Professor of French, "Victor Hugo."

March 9.—R. E. Clausen, Assistant Professor of Genetics, "The Utilization of Hybrids in Practical Gardening."

March 22.—C. A. Kofoed, Professor of Zoology, "Amoeba and Man." Annual faculty research lecture.

March 22.—J. E. Baker, Technical Adviser to the Chinese Ministry of Communications, and Delegate to the Peace Conference, "Chinese Railroads."

SPECIAL LECTURE COURSES

CHILEAN LIFE AND CULTURE

A series of lectures delivered by José M. Galvez, Chilean Exchange Professor of History:

January 31.—Chile and its System of Education.

February 14.—The Chilean Political Situation.

February 21.—The Pan-American Teaching of English in Latin America and of Spanish in the United States.

March 7.—Chilean Representative Men of the Past.

March 14.—Trade and Industry in Chile.

March 28.—Chilean Art and Literature.

EARL FOUNDATION LECTURES

Albert W. Palmer, Pastor of the Central Union Church of Honolulu, delivered a series of three lectures on the E. T. Earl Foundation of the Pacific School of Religion, in coöperation with the University, on "What Hawaii Means for Christian Civilization."

January 24.—The Historical and Missionary Background.

January 26.—The Middle Period of Reaction, Turmoil, and Complication.

January 27.—Hawaii's Strategic Importance of Today.

GREEK THEATRE LECTURES

Delivered by John Cowper Powys, late Staff Lecturer on Literature for Oxford and Cambridge.

February 1.—Italy, or Classical Tradition.

February 8.—France, or the Art of Life.

February 15.—England, or the Secret of Individualism.

February 22.—America, or Experimental Democracy.

Four Lectures on Modern Books—

March 10.—*If Winter Comes; and Sister Carrie.*

March 16.—*Brass; Jude the Obscure; and Women in Love.*

March 23.—*Cytherca; and Jurgen.*

March 27.—*Moon Calf; The Briary Bush; Main Street; and Miss Lulu Bett.*

PUBLIC SPEAKING DEPARTMENT READINGS

The Department of Public Speaking presented four readings by Miss Florence Lutz, Assistant Professor of Voice Culture.

January 17.—Duley.

February 7.—The Circle.

February 28.—The Whiteheaded Boy.

March 21.—The Wandering Jew.

PHYSICS DEPARTMENT LECTURES

January 18.—E. P. Lewis, Professor of Physics, "The Relation Between Temperature, Degree of Ionization, and Stellar Spectral Type: Saha's Theory."

February 1.—J. J. Hopfield, Associate in Physics, "Recent Discoveries in the Region of the Ultra-Violet."

February 7.—John Mills, Assistant Personnel Manager, Western Electric Company, "The Vacuum Tube and its Applications."

March 1.—Frederick Slate, Professor of Physics, Emeritus, "An Enlarged Field for Average Values."

March 9.—H. A. Lorentz, Professor of Mathematical Physics, University of London, "Positive and Negative Electricity."

March 15.—W. J. Raymond, Associate Professor of Physics, "A Mechanism to Illustrate Motions which have a Terminal Speed."

THE WASHINGTON CONFERENCE AND ITS PROBLEMS

By E. T. Williams, Agassiz Professor of Oriental Languages and Literature; Expert Assistant to the American Delegation at the Conference on the Limitation of Armament and Pacific and Far Eastern Questions.

March 13.—Armament.

March 15.—Pacific Islands.

March 24.—Shantung.

March 29.—Siberia.

April 5.—China at the Conference.

UNIVERSITY LECTURES

Edward A. Steiner, Professor of Applied Christianity, Grinnell College, delivered a series of four University Lectures, "The New World and How to Get It," on March 27, 28, 29, and 30.

SATHER LECTURES

Dr. George Lincoln Hendrickson, Lampson Professor of Greek and Latin Literature at Yale University, and Sather Professor of Classical Literature, delivered the Sather Lectures on Classical Literature, for the semester January to May, 1922. The subject of the lectures was "Roman Satire."

February 20.—Introduction, with a survey of Greek Satirical Literature.

February 27.—The Roman Satirical Spirit and the Origins of the Name "Satire."

March 6.—Lucilius, the "Inventor" of Satire.

March 13.—Horace; his Relation to Lucilius and to Popular Greek Philosophy.

March 20.—Horace: the Form and Development of his Satire.

March 27.—Persius, the Precocious Stoic.

April 3.—Juvenal; the Satire of Rhetorical Point.

April 10.—Ancient Satire subsequent to Juvenal, and the Classical English Satirists.

HALF-HOUR OF MUSIC

Sunday afternoons in the Greek Theatre.

March 5.—Bessie H. Woods, pianist; and Morton H. Gleason, baritone.

March 12.—Freshman Glee Club, Jack King, '23, director.

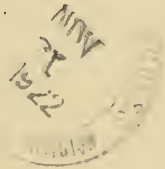
March 19.—Adale Lovell, soprano; Lesta Andrews, contralto; G. H. B. Wright, baritone; and H. B. Pasmore, director.

March 26.—University of California R. O. T. C. Band, Leroy Allen, director.

UNIVERSITY OF CALIFORNIA RECORD

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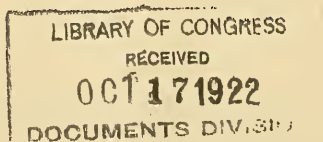
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YEARLY SUBSCRIPTION
ONE DOLLAR

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UNIVERSITY OF CALIFORNIA RECORD

APRIL 1 TO JUNE 30, 1922

Volume 2

JULY, 1922

Number 3

COMMENCEMENT WEEK

At the fifty-ninth Commencement, held in the Greek Theatre on Wednesday, May 17, the largest class in the history of the University was graduated. Nineteen hundred and eighty-three students received degrees, an increase of twenty per cent over the number (1652) of the preceding year. Segregated into classes, degrees were conferred as follows: B.A. and B.S., 1519; M.A. and M.S., 235; J.D., 47; LL.B., 18; D.D.S., 43; M.D., 42; Ph.D., 33; Ed.D., 5; Elec. E., 1; Mech. E., 1; Metal. E., 1; Grad. Phar., 54; Grad. Arch., 2; Grad. Pub. Health, 2.

The student speakers at Commencement and the topics of their addresses were: Olive Lorena Presler, College of Letters and Science, "The College Course in Retrospect"; Ray Vandervoort, School of Jurisprudence, "Education and Character."

The University medal, given to the most distinguished member of the graduating class, was awarded to Waldo Westwater, Mt. Hamilton, College of Chemistry. Military commissions in the Officers Reserve Corps, United States Army, were delivered to twenty-three men, and commissions in the University Cadets to forty-two.

The honorary degree of LL.D. was conferred on Benjamin Ide Wheeler, President Emeritus of the University, Lucien Shaw, Chief Justice of the Supreme Court of California, and Hunter Liggett, Lieutenant-General, U. S. A., retired.

The Senior Men's banquet was held on the evening of May 12 at the Commercial Club in San Francisco, F. W. Tenney, '22, acting as toastmaster. The Senior Women's banquet was held on the same evening at the Hotel Oakland.

The Senior Extravaganza was given in the Greek Theatre on Saturday, May 13. The play, "Hail the Millenium" was written by D. J. Gilles.

On Sunday, May 14, the baccalaureate sermon was delivered in the Greek Theatre by the Reverend Oswald W. S. McCall of the First Congregational Church of Berkeley.

On the Senior Pilgrimage held on May 15 the speakers were: Elizabeth Bullitt, C. C. Wakefield, Grace Allen, George Latham, H. Q. Noack, C. J. Fee, R. M. Saylor, F. W. Bartlett, D. A. McMillan, Olive Presler, A. C. Maybeck, F. W. Tenney, Dean F. H. Probert, B. C. Crum, H. C. Stevens, E. B. De Golia.

The Senior Ball was held on the evening of May 15 at the Hotel Oakland.

The Phi Beta Kappa address was delivered by F. J. Teggart, Associate Professor of Social Institutions, University of California. His topic was "The Next Thirty Years."

President and Mrs. David P. Barrows held a reception for the members of the graduating class at their home on the afternoon of May 16.

BOARD OF REGENTS COMMEMORATE LATE REGENT TAUSSIG

The Regents of the University at their regular April meeting unanimously adopted the following memorial statement on the life work of the late Regent Rudolph Taussig and ordered the statement spread upon the minutes of the Regents:

"In grateful recognition of the long and faithful service of their colleague, Rudolph Julius Taussig, late of San Francisco, the Regents of the University of California desire to place upon their permanent records this plain statement of fact.

"Mr. Taussig was born in New York February 1, 1861, the son of Gabriel and Clara (Fried) Taussig, and died January 24, 1922. By inherited nationality he was a Czech, and he married on February 22, 1891, a Swiss, Miss Emma M. Henicke, whose death in November, 1904, brought him pain and shock from which he never fully recovered. Two sons were the fruit of the marriage, one Lawrence R., a promising physician of San Francisco; the second, Eric D., a business man of San Francisco, bearing a fine record from service abroad in the Great War.

"Rudolph Taussig had been trained in the public schools of New York, and had attended the College of the City of New York, where, if he had continued the course of study, he would have graduated with the class of 1878.

"In 1876, however, he removed to San Francisco, and from that time onward, as long as health and strength permitted, he became more and more intimately identified with the affairs of the city, at first with those of business, later with those of beneficence and good will.

"In 1902 he was elected President of the Mechanics' Institute and as such became *ex-officio* a Regent of the University of California, holding the position, except for two brief intervals, until his death in 1922, i.e., for twenty years. He was persistently regular in his attendance upon the meetings of the Regents and of their Committees, as well as of the various trusteeships which he held at the hand of the public. These things he counted to involve a duty with which he might not trifle.

"His appointment in 1906 was in succession to Regent McKinley and in 1908 to Regent Budd—in case of both at their death. Shortly after assuming the Regency Mr. Taussig was appointed Chairman of the committee on management of the Wilmerding School of Industrial Arts in the position earlier held by Regent Hallidie, and later still he accepted the Presidency of the Board of Trustees of the California School of Mechanic Arts (Lick School). These two activities crowned with that of his office

as Regent represented and symbolized his supreme conviction regarding the things worth while in education and life. It was not with him a matter of subject of study, but rather one of need and opportunity. His desire to encourage industrial education was fundamentally determined by the need in that particular field and by the evident assurance of help to young men beginning their life work. His own personal interest in independent study and research connected itself primarily with modern history, as shown among other publications chiefly by his paper on "The American Inter-Oceanic Canal; an Historical Sketch of the Canal Idea," read on July 23, 1915, at the Panama-Pacific Historical Congress in San Francisco. Mr. Taussig was also at this time Secretary of the Panama-Pacific International Exposition.

"He was also a member of the California Academy of Sciences and its Treasurer; member of the California Geological Association; and member of the Technological Society of the Pacific Coast. His studious interests were wide and multiform. He was master of many tongues, and a collector of books, quaint and fine fashioned, and of the fruits of the arts of binding and printing, of the carving of bronze and ivory, and of etching and painting.

"Three attitudes characterize in a larger way his life-interest; first, his interest in art and history; this interest in art he shared with his wife, and doubtless the two outlooks had common source; second, his genius for friendship, which inspired him to help and to share; third, his burning desire to give himself to public service, as illustrated in his zest for industrial education.

"He was a consistent character. He had made for his life a plan. Happily for him and for society his plan was carried out, and the world is definitely better for his having lived in it."

DEATH OF PROFESSOR WHITTEN

John Charles Whitten, Professor of Pomology in the College of Agriculture since 1918, died at Washington, D. C., on June 4 while attending a conference of the leading agriculturists of the United States.

Professor Whitten came to the University of California from the University of Missouri, where he had been Professor of Horticulture since 1894. He had also been horticulturist for the State Experiment Station in Missouri. Professor Whitten was a member of the National Academy of Sciences and of the American Pomological Society. He was the author of several scientific reports and a steady contributor to horticultural magazines.

R. O. T. C. ORDNANCE UNIT ESTABLISHED

On May 16, President Barrows reported to the Regents that he had received from the United States War Department a communication signed by General John J. Pershing authorizing the establishment of an Ordnance Unit of the Reserve Officers Training Corps in the University of California.

TRAVELING FELLOWSHIPS AWARDED

Members of the faculty and graduates of the University of California have been appointed to traveling fellowships for the academic year 1922-23 as follows:

Educational Foundation of the Commission for Relief in Belgium

(One award of eight for the United States)

Bernice Rhodes, A.B., Stanford, M.A., University of California, will continue her research work in bacteriology with Dr. Jules Bordet, the noted Belgian bacteriologist. During the past year Miss Rhodes held the Claypole Research Fellowship in Bacteriology.

American Scandinavian Foundation

(Three of twenty for the United States)

Dr. Thomas Harper Goodspeed, Associate Professor of Botany, A.B., Brown University, Ph.D., University of California. Professor Goodspeed will go to Sweden to continue his researches in cytology with Professor O. Rosenbergh, Plant Cytologist at the University of Stockholm.

Dr. Waldemar Christian Westergaard, Professor of History at Pomona, A.B., North Dakota, Ph.D., University of California, will go to Sweden to study the history of the sea power in the Baltic.

Dr. Sigurd Bernhard Hustvedt, Assistant Professor of English, Southern Branch, A.B., Luther College, M.A., University of California, Ph.D., Harvard, will do research work in Scandinavian languages and literature in Norway.

American Field Service Fellowships for French Universities

(Four of ten new fellowships for the United States)

Lloyd P. Bradley, B.S., University of California, is to study agriculture.

Arthur P. Coe, A.B., University of California, is to study history.

Lancelot E. Goewen, A.B., M.A., and Gr. Arch., University of California, is to study architecture.

Jacques G. C. LeClercq, A.B. and M.A., University of California, is to study romance languages.

Harvard Club of San Francisco Scholarship

Herbert Rabinowitz, A.B. and J.D., University of California, for the study of jurisprudence at Harvard.

George and Martha Derby Scholarship (Harvard University)

Gray Cowan Boyce, A.B. and M.A., University of California, for research in the history of medieval France.

INTERSESSION AND SUMMER SESSION ENROLLMENT

The third annual Intersession of the University was opened May 15 with an enrollment of 1828 students. The 1921 Intersession had an attendance of 1584 students. According to Walter M. Hart, Dean of the Summer Sessions, the larger and more varied programme offered this year attracted a larger number of students from the regular session. The enrollment in the Summer Session (June 26 to August 5) was 5212.

GIFTS

E. O. Allen, Secretary of the Class of 1897, \$2332 to cover the cost of the Jubilee Bench erected by that class.

An Alumnus, \$2500 as a contribution toward the sum of \$5000 which will be necessary to bring to the United States Sir Paul Vinogradoff, Corpus Professor of Jurisprudence in Oxford University.

An Alumnus, \$1000 for the support of the Lick Observatory—Chile Station.

An Alumnus, \$100 to cover the cost of color prints for the Department of Drawing and Art.

Rumford Fund of the American Academy of Arts and Sciences, to Dr. W. W. Campbell, \$475 for the purpose of equipping the Crossley reflecting telescope with a wire diffraction grating for use in the study of the spectral classes of stars too faint to be observed with the Observatory's existing equipment.

American Medical Association, \$400 for the support of studies now being conducted by Dr. H. M. Evans on the relation of the endocrine glands to ovulation.

John Beardsley, \$25 for instruction in English in the Vocational Education Department of the Southern Branch.

Benj. F. Bledsoe, \$25 for instruction in English in the Vocational Education Department of the Southern Branch.

Dr. L. M. Boyers, Berkeley, \$10 for the Kofoed Research Fund.

E. W. Camp, \$25 for instruction in English in the Vocational Education Department of the Southern Branch.

Miss Mary M. Campbell, \$10 as a contribution to the Sarah I. Shuey Memorial Scholarship for Women in Medicine.

Carnegie Institution, \$600 to be used for research by Professor A. O. Leuschner in theoretical astronomy.

Juan C. Cebrian, forty-nine volumes of Spanish books on various subjects.

J. P. Chandler, \$25 for instruction in English in the Vocational Education Department of the Southern Branch.

College Women's Club of Berkeley, \$200 for the establishment during the academic year 1922-23 of a "College Women's Club of Berkeley Scholarship."

Regent William H. Crocker, \$1200 toward the support of the administration of the Lick Observatory.

Mrs. William H. Crocker, \$1500 as a donation to the Lick Observatory—Chile Station.

Durant Lodge, No. 268, Free and Accepted Masons, \$300 for the continuation of the two Durant Lodge Scholarships for the year 1922-23.

T. H. d'Estrella, a death mask of Mr. J. Mora Moss, a Regent of the University from 1874 to his death in 1880.

J. D. and Howard Fletcher, \$500 for the continuation of the Morse Stephens Scholarship.

Mrs. Margaret B. Fowler, Oakland, \$1000 as a contribution to the Kofoid Research Fund.

Dr. H. R. Hatfield, Dean of the Faculties and Professor of Accounting, \$35.63 for the purchase of additional books on accounting for the University Library.

William J. Hayes, Chairman of the History Committee of the Native Sons of the Golden West, \$3000 for the Native Sons History Fellowship Fund for the year 1921-22.

Phoebe A. Hearst Estate, \$2400 to be devoted to the eight scholarships of \$300 each provided for in the legacy of \$60,000 made by Mrs. Hearst.

E. W. Hebard, Oakland, to the Museum of Paleontology, a collection of recent mollusca from the South Sea Islands.

E. O. Heinrich, \$75 to be added to the Medal Loan Fund.

L. M. Holtz, Manager of the Educational Division of the Pictorial Review Company, \$175 for a scholarship in the College of Dentistry for the academic year 1922-23.

Lasky Corporation, to the Southern Branch, \$25 in consideration of the privilege of using the Southern Branch campus for photographing a motion picture.

B. F. Lynip, President of the College National Bank, of Berkeley, \$85 for the establishment, for the academic year 1922-23, of a first, second, and third prize for essays to be written by students of the University on the subject, "The Bank and its Relation to the Community."

H. L. McKee, \$25 for instruction in English in the Vocational Education Department of the Southern Branch.

Guy S. Millberry, Dean of the College of Dentistry, of his private library consisting of sixty-five volumes.

Ogden Mills, \$500 in further support of astronomical work at Santiago, Chile.

Louis W. Myers, \$25 for instruction in English in the Vocational Education Department of the Southern Branch.

Board of Directors of the Bache Fund of the National Academy of Sciences, \$250 for the experimental work on ovulation in the mammalia to be carried on by Dr. H. M. Evans.

Henry Draper Fund of the National Academy of Sciences, \$450 for the purchase of lenses for the Lick Observatory.

National Canners Association, \$4500 as a contribution toward the botulism investigations now in progress at the George Williams Hooper Foundation for Medical Research.

The sum of \$100 for the Newman Hall Essay Prize for 1922.

The Republic of Nicaragua through Mr. Roscoe R. Hill, member of the Alta Commission, to the Baneroff Library, twenty-two volumes of Nicaraguan publications.

J. R. Pemberton, Tulsa, Oklahoma, to the California Museum of Vertebrate Zoology, a collection of Patagonian birds, numbering 339 skins.

Dr. A. B. Pierce, formerly of the University of California, to the library of the Southern Branch of the University, a library of valuable mathematical works.

A Regent of the University, a silver trophy for use as a prize to be awarded annually in connection with high school stock-judging contests at the University Farm picnic.

Roy V. Reppy, \$25 for instruction in English in the Vocational Education Department of the Southern Branch.

E. W. Scripps, \$600 to cover the expenses of Professor Sumner's trip to Arizona in the interest of science.

E. W. Scripps, \$200 for stenographic services at the Scripps Institution.

Mrs. Wm. T. Sedgwick, \$100 for the purchase for the Baneroff Library of the Johnson collection of Hudson Bay manuscripts.

W. A. Setchell, Professor of Botany, to the Museum of Anthropology, an interesting and valuable collection of sixty-four ethnological specimens from Alaska and the Pacific Islands.

W. C. Shelton, \$25 for instruction in English in the Vocational Education Department of the Southern Branch.

D. M. Stewart, \$200 to continue the Erma Stewart Scholarship for the academic year 1922-23.

Arnold V. Stubenrauch, the library of his father (the late A. V. Stubenrauch, Professor of Pomology at this University).

Union Lumber Company, San Francisco, to the Division of Forestry of the College of Agriculture, eight logs valued at \$200.

His Holiness, the late Supreme Patriarch of Siam (His Royal Highness Prince Vajirayana Varoros), twelve volumes of Buddhist Scriptures.

Wachs Realty Company, \$300 as a contribution toward the Aaron N. and Annie N. Wachs Scholarships for the academic year 1922-23.

Zellerbach Paper Company of San Francisco, on behalf of the Hammermill Paper Co. of Erie, Pa., an exhibit illustrating the process of the manufacture of writing paper from wood by the sulphate process.

PROMOTIONS AND CHANGES IN TITLE*

Associate Professors.—W. J. Kerr, Associate Professor of Medicine, from Assistant Professor; F. J. Klingberg, Associate Professor of History, Southern Branch, from Assistant Professor; C. C. Staehling, Associate Professor of Accounting, from Lecturer.

Assistant Professor.—Eugen Neuhaus, Assistant Professor of Art, from Assistant Professor of Art Appreciation.

Lecturers.—R. S. French, Lecturer in Education, from Assistant Professor of Education; F. E. Hinckley, Lecturer in International Law, given additional title of Lecturer in Consular and Diplomatic Administration.

Instructors.—B. M. Varney, Instructor in Climatology, from Instructor in Meteorology; C. D. Shane, Instructor in Mathematics, given additional title of Instructor in Astronomy; C. L. Callander, Instructor in Surgery, given the additional title of Instructor in Topographical Anatomy; Margaret Beattie, Instructor in Public Health, from Associate in Public Health; G. L. Foster, Instructor in Biochemistry, from Associate in Biochemistry.

Associates.—G. Haydon, Associate in Music, from Assistant in Music; J. B. Phillips, Associate in Mechanic Arts, Southern Branch, from Assistant; J. W. Marsh, Associate in Mechanic Arts, Southern Branch, from Assistant; F. R. Brockway, Associate in Mechanic Arts, Southern Branch, from Assistant; R. H. Sciobereti, Associate in Astronomy and French, from Teaching Fellow.

Assistant.—Eschscholtzia Lichthardt, Assistant in Public Health Administration, from Assistant in Public Health.

Southern Branch.—L. A. Maverick, Recorder of the Southern Branch, given the additional title of Lecturer in Vocational Education; Mrs. Helen Laughlin, Dean of Women, Southern Branch, from Counselor of Women, Southern Branch.

Rosamond Parma, Librarian of the Law Library, given additional title of Lecturer in Legal Bibliography; Edith M. Coulter, Reference Librarian, given additional title of Lecturer in Library Science.

* From July 1, 1922, to June 30, 1923.

APPOINTMENTS*

Professors.—C. S. Bisson, Chemistry, Branch of the College of Agriculture at Davis; H. R. Erdman, Rural Institutions; T. R. Glover, Fellow and Classical Lecturer in St. John's College, Cambridge, England, Sather Professor of Classical Literature, July 1, 1923, to December 31, 1923; E. C. Hills, Spanish; F. H. Orton, Dentistry; Munroe Smith of Columbia University, Exchange Professor of Law; L. A. Williams, Education.

Associate Professors.—B. M. Allen, Biology, Southern Branch; A. W. Sampson, Forestry.

Assistant Professors.—F. S. Brackett, Physics; F. A. Carlson, Soil Technology; N. H. Clement, Romance Languages, Southern Branch; Captain G. D. Conden, Infantry, U. S. A., Military Science and Tactics (from April 16); M. Dondo, French; H. W. Edwards, Physics, Southern Branch; A. G. Fite, French, Southern Branch; Captain John C. Howard, Infantry, U. S. A., Military Science and Tactics (from May 27); J. B. Lockey, History, Southern Branch; C. A. Marsh, Argumentation, Southern Branch; B. D. Moses, Agricultural Engineering; H. S. Nobel, Accounting, Southern Branch; Ruth Okey, Household Science; F. E. Older, Teacher of Agriculture, Southern Branch; A. R. Olsen, Chemistry; F. C. Palm, Modern European History; J. C. Parish, History, Southern Branch; S. L. M. Rosenberg, Spanish; Major S. P. Spalding, Ordnance Department, U. S. A., Military Science and Tactics (from May 10); R. R. Thompson, Agricultural Engineering.

Instructors.—J. Baer, Prosthetic Dentistry; L. Bonar, Botany; F. R. Brown, Physics, Southern Branch; Lily B. Campbell, English, Southern Branch; P. H. Daus, Mathematics, Southern Branch; William Diamond, German, Southern Branch; C. S. Downes, English, Southern Branch; M. Dunn, Chemistry, Southern Branch; W. H. George, Government, Southern Branch; W. F. Giaque, Chemistry; M. F. Grant, Carpentry and Cabinet Making in Wilmerding School (from April 15); C. L. Hoag, Surgery; C. E. Kany, Spanish; J. Koeber, Agricultural Engineering; L. K. Koontz, History, Southern Branch; N. W. Mah, Political Science; Elsie Jeannette McFarland, Mathematics; Lillian M. Moore, Physiology; R. F. Newton, Chemistry; S. R. Olswang, Prosthetic Dentistry; H. W. Shepard, Landscape Gardening and Floriculture; E. W. Snell, Orthodontics; P. S. Taylor, Economics; G. H. Vansell, Entomology; F. S. Warford, Operative Dentistry; A. R. Whitman, Geology, Southern Branch; B. C. Wong, Mathematics; E. R. Worthington, Mathematics, Southern Branch.

Lecturers.—W. C. Allee, Zoology, January 1, 1923, to June 30, 1923; Isabel Bevier, Home Economics, Southern Branch; Florence Churton, Home Economics, Southern Branch; Squire Coop, Music, Southern Branch; J. R. Douglas, Public Administration in the Southern Branch; C. A. Dykstra, Government, Southern Branch; H. L. Eby, Education, Southern Branch; M. G. Edwards, Geology and Mineralogy; Dr. J. G. Fitzgerald,

* From July 1, 1922, to June 30, 1923, unless otherwise designated.

Bacteriology; Kate Gordon, Psychology, Southern Branch; F. E. Hinekey, International Law; E. Landon, Politics and Military Policy; G. M. McBride, Geography, Southern Branch; Florence H. Minard, Household Art; S. B. Mitchell, Library Science; E. M. Rankin, Greek, Southern Branch; Ethel D. Watts, Tuberculosis; F. P. Woellner, Education, Southern Branch.

Associates.—C. W. Andrews, Physical Education; Francis Bacon, Education; Eleanor Bartlett, Physical Education; Clara Bartram, Fine Arts, Southern Branch; W. E. Berg, Agricultural Education; F. R. Bichowsky, Research Associate, Chemistry; L. F. D. Briois, French; Geo. W. Clark, Physical Education; Helene Clarke, Mathematics (to December 31); J. J. Cline, Physical Education, Southern Branch; Beatrice Q. Cornish, Spanish; A. E. de Fremery, Farm Management; Cora E. Echert, Physical Education for Women, Southern Branch; L. C. Edwards, Physical Education; Dorothy S. Gibling, Physical Education for Women, Southern Branch; Marea Goddard, Spanish; Bertha Hall, Physical Education for Women, Southern Branch; Frederick Horridge, Education; C. D. Hulin, Geology; Maude E. Jenkins, Home Economics, Southern Branch; Mrs. Evelyn S. Leslie, French, Southern Branch; G. B. Marsh, Spanish; H. E. Miller, Research Associate, Chemistry; Mrs. L. E. Pearson, English, Southern Branch; C. A. Pease, Physical Education; Arnold Perstein, Public Speaking; L. H. Peterson, Education; A. C. Rolin, French; Lucile Roush, Botany; E. Z. Rowell, Public Speaking; F. X. Schumacher, Forestry; Effie Shambaugh, Physical Education for Women, Southern Branch; Marion Shepard, Physical Education for Women, Southern Branch; Della G. Sisler, Library Science; W. H. Stone, Education; Florence Sutton, Physical Education, Southern Branch; N. C. Tang, Chinese; Ina Thach, Physical Education for Women, Southern Branch; G. S. Whitehead, Public Speaking; F. H. Wilcox, English.

Assistants.—C. A. Abramopoulos, Medicine; F. J. Adams, Education; Grace Allen, Dean of Women; R. E. Allen, Medicine; W. L. Bender, Medicine; C. H. Bissell, French; Elizabeth Boynton, Library, Southern Branch (from March 31); E. L. Bruck, Medicine; D. B. Clark, Philosophy; J. W. Cronin, Physiology; L. Delsasso, Physics, Southern Branch; V. W. De Tar, Agricultural Extension (from May 16); H. F. Dermody, Surgery; Priscilla Fairfield, Lick Observatory (from June 1 to August 31); C. F. Flower, Anatomy; C. E. Forkner, Anatomy; Florence E. Foster, Household Art; D. C. Fowler, Physiology; Paul Frampton, Physical Education for Men, Southern Branch; Francis G. Gilchrist, Zoology, July 1 to December 31, 1922; D. M. Greenberg, Biochemistry; Eleanor Growe, Mathematics; L. W. Hahn, Physiology; Edna A. Hannibal, Public Health; J. E. Harginson, Medicine; L. Hardgrave, Pediatrics; G. C. Hensel, Surgery; M. J. Heppner, Pomology; P. Hodgkin, Medicine; Mary Howe, Lick Observatory; J. D. Humber, Surgery; G. S. Iki, Surgery; H. E. Jacob, Viticulture; W. E. Kellum, Anatomy; Adele Kibre, Latin; J. J. Kingston, Pediatrics; W. S. Kiskadden, Surgery; J. J. Kiyasu, Pediatrics; Alice I. Lyser, Library; F. M. McKeever, Physiology; J. Q. McDonald, Agricultural Extension (from May 1); F. L. Macpherson, Orthopedic

Surgery; R. C. Martin, Otolaryngology, Rhinology, and Laryngology; E. J. Morrissey, Surgery; Beulah Morrison, Research Assistant, Psychology; E. D. O'Brien, Agricultural Extension; Sarah L. Patterson, Library, Southern Branch; H. E. Paxton, Agricultural Extension; Gertrude E. Phipps, Library; Ruth Pinkerton, English; C. G. Potter, Medicine; Lloyd Rafetto, Dairy Industry; Margaret Russell, Abnormal Psychology (from June 1); G. H. Sanderson, Surgery; H. F. Schluter, Obstetrics and Gynecology; F. P. Shafer, Obstetrics and Gynecology; D. W. Sooy, Surgery; Elizabeth Wagner, George Williams Hooper Foundation for Medical Research; A. T. Walker, Anatomy; W. W. Washburn, Surgery; R. Mildred Weber, Library, Southern Branch; Marjorie West, Biochemistry; G. Westphalinger, Music, Southern Branch; F. W. Yocum, Obstetrics and Gynecology; Freda Ziegler, German; R. Zumwalt, Orthopedic Surgery.

Teaching Fellows.—O. M. Akey, Physics; Gordon H. Ball, Zoology; C. L. Barrett, Philosophy; R. W. Bachelor, Economics; P. M. Baldwin, Political Science; C. Florence Bathgate, Psychology; A. W. Bell, Zoology; M. O. Berdahl, Economics; Adam S. Bennion, Education; G. F. Breckenridge, Chemistry; R. M. Buffington, Chemistry; H. C. Blodgett, Psychology; G. V. Blue, History; E. Bock, General Literature; P. Byerly, Jr., Physics; Robert Carey, Economics; R. E. Cornish, Chemistry; R. E. Connelley, Physics; F. Custer, History; F. C. Davis, Psychology; H. L. Deimel, Jr., Foreign Trade; F. P. Doyle, Economics; N. E. Edlefsen, Physics; R. H. Ehlers, History; R. M. Evans, Chemistry; J. W. Ellis, Physics; S. Ewing, Physics; Edna Fisher, Zoology; G. B. Frost, Chemistry; G. B. W. Fraser, Economics; O. W. Frieberg, Economics; Virginia Graham, Psychology; Arda Green, Philosophy; E. T. Grether, Economics; E. C. Goldsworthy, Mathematics; J. Goldberg, Mathematics; Geo. Glockler, Chemistry; L. A. Harper, History; F. M. Harden, Economics; G. P. Hammond, History; O. Hardy, History; L. R. Hafen, History; R. P. Hall, Zoology; C. Hildebrand, Political Science; E. F. Hill, Jr., Economics; E. J. Hills, Mathematics; H. D. Hoenshel, Chemistry; Mildred Hollis, Botany; W. J. Hooper, Physics; H. K. Ihrig, Chemistry; Verna L. Jeffery, Mathematics; E. J. Jones, Chemistry; H. B. Kaster, Astronomy; Harold Kirby, Jr., Zoology; L. H. Kletzien, Economics; Edgar Lazier, Zoology; G. A. Leatherman, Economics; J. B. Leiser, Geology; L. B. Lesley, History; Ruth M. Leech, Hygiene; Miss D. C. Lutjeharms, Botany; L. I. Lind, Physics; S. W. Leifson, Physics; Carrie McClay, Economics; Evelyn C. McKay, Social Economics; S. A. Meyer, Economics; H. C. Mitchell, History; L. A. Morrison, Economics; F. R. Morrow, Philosophy; Mildred Moulton, Political Science; C. Nash, Physics; C. D. Nielson, Political Science; J. T. Nylander, Economics; J. A. Pearce, Lick Observatory; W. C. Pomeroy, Physics; Margaret Powell, Lick Observatory; H. C. Ramsperger, Chemistry; S. D. Rasmussen, Economics; J. B. Ramsey, Chemistry; Alice Ready, Botany; Gladys A. Reichard, Research Fellow in Anthropology; Helen Redfield, Zoology; P. Reiter, Jr., Economics; Alfred Rive, Economics; Catherine Rich, Philosophy; Vera E. Rigdon, Geography; G. C. Ruhle, Chemistry; R. J. Russell, Geography; Mont Sanderson, Economics; J. F. Scott, Political Science; E. N. Simpson,

Economics; J. H. Simons, Chemistry; Lucille Simmons, Philosophy; D. Sprong, Astronomy; C. W. Stimson, Economics; N. J. Spykman, Political Science; Anna L. Sommer, Botany; M. V. Stappert, Economics; L. H. Strong, Zoology; H. M. Spencer, Chemistry; H. H. Storeh, Chemistry; W. J. Snow, History; H. G. Tasker, Physics; N. W. Taylor, Chemistry; Dorothy Thacker, Botany; D. S. Thompson, Economics; Margaret Thomson, Zoology; Martha Thompson, Zoology; F. W. Thomas, Paleontology; H. R. Thornburg, Geology; P. L. Turrill, Chemistry; H. C. Urey, Chemistry; A. P. Vanslow, Chemistry; Edgar Van Slyke, Zoology; G. W. Watson, Chemistry; G. A. Werner, History; Ielle Wilson, Anthropology; G. Wirth, Political Science; T. F. Young, Chemistry.

Southern Branch.—L. A. Maverick, Recorder, Southern Branch; T. E. Thompson, Vice-Principal of the Junior High School, Training School; W. J. Ghent, Reference Librarian; L. Hoffman, Supplemental Teacher in charge of Boys' Athletics and Playground Work in the Training School; Alice Hubard, Teacher of Spanish (half-time), Training School; Bertha E. Vaughn, Teacher of Voice (half-time); Frances Giddings, Teacher in the Training School; E. R. Ware, Assistant Physician for Men; Alma L. Sawyer, Assistant Supervisor of Practice Teaching.

Lick Observatory.—G. F. Paddock, Acting Astronomer in charge of the Chile Station; F. J. Neubauer, Assistant Astronomer; F. E. Ross, Associate Astronomer; R. H. Baker, Martin Kellogg Fellowship.

Infirmary.—Ruth T. Shepardson, Assistant Physician for Women.

University High School.—Mrs. Lee C. Mahoney, Assistant Supervisor of English; Mrs. Barbara Reid Robson, Assistant Supervisor of Home Economics.

University Farm.—T. W. Kelly (July 1 to September 30, 1922).

Specialist in Agricultural Extension.—M. D. Collins (from April 16); W. B. Hooper (from June 1).

Special Training.—Emily G. Palmer, Special Agent for Part-Time Teachers in charge of Research and Service Center; B. W. Johnson, Supervisor of Classes for the Training of Trade and Industrial Teachers (San Francisco Bay region) and Lecturer in Education.

LEAVES OF ABSENCE*

Professors.—J. W. Gregg, Floriculture and Landscape Gardening; C. A. Noble, Mathematics (July 1 to December 31, 1922); C. G. Hyde, Sanitary Engineering (January 1 to June 30, 1923); F. P. Gay, Bacteriology; H. S. Fawcett, Plant Pathology at the Citrus Experiment Station; E. C. Fleischer, Clinical Professor of Pediatrics (April 15 to June 1, 1922); R. J. Leonard, Vocational Education (July 1 to December 31, 1922); G. D. Louderback, Geology; O. K. McMurray, Law; Walter Mulford, Forestry (May 15 to August 15, 1922); C. L. Roadhouse, Dairy Industry (November 1 to November 20, 1922).

* From July 1, 1922, to June 30, 1923, unless otherwise designated.

Associate Professors.—Solomon Blum, Economics (July 1 to December 31, 1922); W. C. Hays, Architecture; E. A. Hersam, Metallurgy; Mary F. Patterson, Household Art and Design (January 1 to June 30, 1923); A. W. Sampson, Forestry (July 1 to December 31, 1922); T. F. Sanford, English; J. A. Traum, Veterinary Science (September 1, 1922, to June 30, 1923).

Assistant Professors.—H. J. Bade, Agricultural Extension; V. C. Bryant, Agricultural Extension (April 1 to June 30, 1922); E. Buceta, Spanish; A. B. Domonoske, Mechanical Engineering; A. K. Gray, English, Southern Branch; S. J. Hume, English Literature and Director of the Greek Theatre; S. B. Hustvedt, English, Southern Branch; B. H. Lehman, English; Myrta McClellan, Geography, Southern Branch (April 10 to June 30, 1922); H. C. Naffziger, Assistant Clinical Professor of Surgery (April 20 to June 1, 1922); Franklyn Schneider, Assistant Professor of German.

Instructors.—Dr. Martha R. Jones, Research Instructor in Pediatrics (April 3 to May 20, 1922); L. S. Mace, Medicine (June 20 to July 31, 1922); J. E. Maybeck, Carpentry and Cabinet Making in the Wilmerding School (April 15 to June 30, 1922); I. C. Schumacher, Medicine (July 1 to July 15, 1922).

Associates.—Mabel Barnhart, Music, Southern Branch; Pauline Lynch, Home Economics, Southern Branch; Agnes E. MacPherson, Home Economics, Southern Branch; Bertha Wardell, Physical Education, Southern Branch.

Assistants.—C. C. Berwick, Surgery (May 2 to May 10, 1922); E. L. Bruck, Medicine (July 1 to December 31, 1922); Howard Fleming, Surgery (June 1 to June 30, 1922); H. R. Hoobler, Pediatrics (May 6 to May 21, 1922); Dr. W. D. Horner, Ophthalmology; Robert C. Martin, Otology, Rhinology, and Laryngology; L. M. Morris, Medicine (July 1 to July 31, 1922).

Teaching Fellows.—Jessie Easton, George Williams Hooper Foundation for Medical Research (April 1 to April 30, 1922).

Bessie Sprague, Secretary and Librarian of the Department of Architecture (July 1 to December 31, 1922); Mrs. Christine Essenberg, Zoologist and Librarian of the Scripps Institution for Biological Research.

Southern Branch.—L. A. Maverick, Recorder of the Southern Branch (July 1 to August 19, 1922).

University High School.—Mrs. Cora P. McKay, Assistant Supervisor of English.

University Farm.—T. W. Kelley, Teacher of English (from July 1 to September 30, 1922).

RESIGNATIONS*

Professors.—Robert Gesell, Physiology.

Associate Professors.—V. E. Emmel, Anatomy.

Assistant Professors.—L. T. Lowry, History, Southern Branch; M. T. Rhodes, Clinical Operative Dentistry; Ethel B. Waring, Education, Training School, Southern Branch.

Instructors.—F. L. Hart, Clinical Instructor in Operative Dentistry; R. Jenkins, English, Southern Branch; C. E. King, Clinical Instructor in Operative Dentistry; W. M. Noble, Operative Dentistry and Operative Technique (from June 1, 1922); W. A. Noyes, Jr., Chemistry; Alma M. Patterson, Education, Southern Branch; Eugenia Valentine, Research Instructor in Otology; G. H. Wilson, Animal Husbandry (from May 15, 1922).

Associates.—Josephine W. Guion, Physical Education; Mrs. Marian B. Knight, Physical Education; Mrs. Mary V. Ross, Public Health Administration; Caroline Singleton, French; J. B. Washburn, Accounting.

Assistants.—Dr. Elmer Belt, Assistant in Urology in the Medical School (from June 1, 1922) and Assistant in the Hooper Foundation (from July 1); W. T. Cary, Geology (from March 31, 1922); Priscilla Fairfield, Mathematics; L. W. Hahn, Dental Surgeon in the University Infirmary; Adelaide Hobe, Lick Observatory (from May 31, 1922); D. E. Jeffry, Surgery (from May 13, 1922); Estella D. Lake, Assistant Librarian, Southern Branch (from March 31, 1922); C. G. MacArthur, Tuberculosis Research Assistant in the George Williams Hooper Foundation for Medical Research (from April 20, 1922); Ruth Moodey, Economics; Delta R. Olsen, Assistant Physician for Women; J. F. Osborn, Agricultural Extension (from March 31, 1922); P. J. Pierson, Research Assistant in the George Williams Hooper Foundation for Medical Research; B. H. Pratt, Histology and Pathology in the College of Dentistry; Marietta Voorhies, Assistant to the Dean of Women (from June 30, 1922).

Teaching Fellows.—Anne Louis Beck, Astronomy.

University High School.—H. W. Edwards, Supervisor of Physical Science; Rose Shonka, Supervisor of the Teaching of Household Economics.

STUDENTS AND ALUMNI

The Board of Alumni Visitors which has been functioning during the past year met on the afternoon of Commencement Day to draft its final report. Detailed studies of many of the problems of the University have been made by the members and on this afternoon several recommendations considered to be of major importance were adopted. These have been transmitted to the members of the Alumni Council, which, in due time, will submit them to the Board of Regents.

The twentieth annual alumni luncheon was held following the exercises on Commencement day and was attended by three hundred and twenty-five persons. The speakers were Warren Gregory, retiring president of the Association, Clinton E. Miller, newly elected president, President Emeritus Benjamin Ide Wheeler, Professor George C. Edwards, and Charles J. Fee, secretary of the Class of 1922.

* From July 1, 1922, unless otherwise designated.

The result of the annual election of officers was announced at this meeting, as follows: President, Clinton E. Miller, '00; First Vice-President, C. W. Merrill, '91; Second Vice-President, Herman Phleger, '12; Treasurer, Robert G. Sproul, '13; Councillors, Annie Florence Brown, '97, Stanley V. Walton, '04, Dorothy Doyle Dimmler, '09, David L. Babcock, '10, Jesse H. Steinhart, '01, Selah Chamberlain, '98, Frank Otis, '73, Chaffee E. Hall, '10, L. A. Nichols, '17, Clotilde Grunsky, '14.

ANNUAL CALIFORNIA-STANFORD JOFFRE DEBATE

The twenty-eighth annual Joffre debate between the University of California and Stanford University for the "Medaille Joffre" was held in Wheeler Hall at the University of California on Friday, April 14. Knox Miller, '22, of Stanford University, was awarded the medal for 1921-22.

The University of California was represented by H. W. Bohnet, '21, A. E. Murphy, '23, and S. W. Gardiner, '23. The general question was "France's Attitude and the Washington Conference."

The judges were Frank Cornish, attorney, Berkeley, Reverend D. S. Dutton of San Francisco, and Professor J. W. Scott of Oxford University.

WOMEN'S INTERCOLLEGIATE DEBATES

On April 6 the women of the University of California defeated a team of the University of Washington in the annual debate between these universities. Vera Arnold, '24, and Veronica Trimble, '24, represented California, Margaretta Stewart, '24, and Vielda Morrow, '24, Washington University.

On April 17 the women debaters of the University defeated the Mills College team in the annual debate. Marian Rowe, '24, and Mildred Weinig, '24, represented California against Esther Caukin, '24, and Mary Dungan, '25, of Mills College. The question debated was: "Resolved, that all universities and colleges should abolish undergraduate work which can be carried on more effectively by junior colleges."

On April 27 Oregon State Agricultural College met defeat at the hands of the women's debating team of the University of California. May McLaughlin, '22, and Marion Harron, '22, upheld the negative side for California against Marjory Stone and Clare Cole for Oregon. The question was: "Resolved, that the principle of the closed shop be applied to American industries."

UNIVERSITY PRIZES AWARDED

David P. Barrows, President of the University of California, has announced the award of the following prizes:

Emily Chamberlain Cook Prize in Poetry, Marian Elizabeth Wildman of the Class of 1924.

Cooper Prize in Ornithology, Robert Cunningham Miller, A.B., Greenville College, 1920, M.A., University of California, 1921; a student in the Graduate Division.

Irving Prize, Agnes Jones Newton of the Class of 1924.

Bennett Prize, Lawrence John Jarvinen of the Class of 1923.

Newman Hall Essay Prize, Marion Blanche Phillips, A.B., University of California, 1921; a student in the Graduate Division.

Richardson Latin Translation Prize, Lester Kruger Born of the Class of 1925.

The Lynip Prizes, first, Edward Benjamin Parma, 1925; second, Charles Frederick Batchelder, 1923; third, Frank Fremont Fulton, 1922.

Ramón Jaén Memorial Prize, Mauda Margaret Polley of the Class of 1922.

UNIVERSITY MEETINGS

April 7—George Lincoln Hendrickson, L.H.D., LL.D., Professor of Latin and Greek Literature in Yale University, Sather Professor of Classical Literature; Benj. Ide Wheeler, Ph.D., Litt.D., LL.D., President Emeritus and Professor of Comparative Philology.

April 28—Grace Thorne Allen, '22, Florence Elizabeth Bradford, '22, Edwin Baldwin DeGolia, Jr., '22, Arthur Dupuy Eggleston, '22, Madora Irwin Holt, '22, Dan Alexander McMillan, '22, Harry Ransom Pennell, '22, Olive Lorena Presler, '22, Alma Tangier Smith, '22, Earl G. Steel, '23, Frank Whitney Tenney, '22.

MUSIC AND DRAMA

April 1—"Wild Birds," by Dan Totheroh. Wheeler Auditorium.

April 8 and 14—"Cock o' the Walk," Mask and Dagger Society. Hearst Hall.

April 14—Stabat Mater. Greek Theatre.

April 15, 21, 22—"Pelleas and Melisande," Maeterlinck. Wheeler Auditorium.

April 27, May 20—Perry Dille's Guignol Marionettes. 11 Wheeler.

April 29—Scenes selected from Hamlet, Richard II, Richard III, and Merchant of Venice, by the Little Theatre. Hearst Hall.

April 29—Dance Concert, Joseph Fredericks and Ballet. Greek Theatre.

April 29, May 5, 6—"Arms and the Man," Bernard Shaw. Wheeler Auditorium.

May 13, 19, 20—"Home Rule," Pichel and Radin. Wheeler Auditorium.

May 18, 19, 20—Drama Teachers' Association Meeting. Wheeler Auditorium and Library.

May 20—Shakespeare Festival. Wheeler Auditorium, 11 Wheeler, and Greek Theatre.

May 27, June 2, 3—"The Philanderer," Bernard Shaw. Wheeler Auditorium.

June 28—Swiss Singers and "Danton," a story of the French Revolution. Greek Theatre.

June 30—"Man and Superman," Bernard Shaw. Wheeler Auditorium.

EXHIBITIONS

April 9 to 22—An exhibition of French etchings, lithographs, and prints, in Architecture Hall, under the auspices of the Greek Theatre.

May 9 to 16—The sixteenth annual exhibition of the School of Architecture of the University of California at the Architecture Building.

LECTURES

April 4—Elbert Kramer, Industrial Engineer, Westinghouse Electric Company, "Industrial Heating by Electricity."

April 10—Marshall Joffre of France addressed the students of the University in the Greek Theatre.

April 12—John H. McCallum, President of the Board of Harbor Commissioners, "The Harbor of San Francisco," illustrated by motion pictures.

April 13—Dr. Willis Linn Jepson, Professor of Botany, University of California, "The Last Stand of the Giants," illustrated.

April 17—Professor Irving Babbitt of Harvard University, "Democracy and Standards."

April 19—Joseph Dixon, "The Natural History of the Mountain Lion."

April 30—Americanism Day, under the auspices of the American Legion, Berkeley Post, No. 7, at the Greek Theatre. Speakers: Honorable William D. Stephens, Governor of California, and Louis Bartlett, Mayor of Berkeley. Music by the 19th U. S. Infantry Band and Mme. Reagan Talbot, coloratura soprano.

May 16—Phi Beta Kappa Address, Frederick J. Teggart, Associate Professor of Social Institutions, University of California, "The Next Thirty Years."

June 15—Mr. E. P. Marsh, United States Department of Labor, Bureau of Conciliation, "The Work of the Bureau from the Psychiatric Point of View."

SPECIAL LECTURE COURSES

CHILEAN LIFE AND CULTURE

A series of lectures delivered by José M. Galvez, Chilean Exchange Professor of History:

April 4—Representative Chileans of Today.

April 11—Chilean University Life.

April 18—The Attitude of Chile toward Militarism and Arbitration.

April 25—Religion and Progress in North and South America.

CITY PLANNING

A special series of lectures on City Planning and Landscape Architecture was given by Dr. Carol Aronovici, City Planning Consultant, and Lecturer on City Planning, University of California Extension Division, and John William Gregg, Professor of Landscape Architecture, University of California.

- April 12—New Cities for Old—Dr. Aronovici.
 April 18—Modern Civic Art—Professor Gregg.
 April 20—Mechanics of the City—Dr. Aronovici.
 April 25—Economics of Landscape Architecture—Professor Gregg.

DEPARTMENT OF ENGLISH LECTURES

A series of lectures by W. A. Craigie, LL.D., Rawlinson and Bosworth Professor of Anglo-Saxon, University of Oxford, and Joint Editor of the Oxford English Dictionary was given on the following dates:

- April 18—The Romantic Story of the World's Greatest Dictionary.
 April 20—A New Field for the Study of Language and Literature.
 April 21—The Problem of Spelling and Pronunciation: a New Solution.

VOCATIONAL REHABILITATION

A series of five lectures was given under the auspices of the Federal Board for Vocational Education:

- June 26—The Problem—Miss Tracy Copp, Representative, Federal Board, Washington.
 June 27—Legislation—Miss Tracy Copp.
 June 28—Procedure (I)—Miss Tracy Copp.
 June 29—Procedure (II)—Mr. William M. Coman, in charge of Vocational Rehabilitation in California.
 June 30—Procedure (III)—Mr. Coman.

HALF-HOUR OF MUSIC

- April 2—Lyric Quartette. Mrs. Walter L. Chesterman, Mrs. Bruce Wooldridge, Mrs. Charles A. Savage, Mrs. Jack Frazier.
 April 9—Violin recital. Miss Winifred Forbes; Mr. Thomas F. Freeman, accompanist.
 April 23—Vocal recital. Mrs. Samuel Cross, contralto; Miss Constance Mering, pianist.
 May 7—Instrumental trio. E. Marie Leidner Jansen, pianist; Festo G. Aspre, violinist; Winston Petty, 'cellist.
 May 21—Violin recital. Mr. Kornelius Bering, violin; Mrs. E. Marie Leidner Jansen, piano.
 June 4—California Male Quartette. Carl Edwin Anderson, Hugh Williams, Lowell Redfield, Henry L. Perry; Mildred Randolph, pianist; Ernest Paul Allen, violin.
 June 11—Vocal recital. Lesta Andrews, Sarah Cary, Ferne DeWitt Dettmer, William Clavey, Wilson B. Taylor; Winifred Decker and H. B. Pasmore, accompanists.
 June 18—Oakland Orpheus. Eugene Roland, president; Edwin Dunbar Crandall, director; Bessie Beatty Roland, accompanist; Willem Dehe, 'cellist.
 June 25—Vocal recital. Rose Florence, mezzo-soprano; Uda Waldrop, pianist.

UNIVERSITY OF CALIFORNIA
RECORD

VOLUME 2 NUMBER 4

OCTOBER, 1922

UNIVERSITY OF CALIFORNIA PRESS
BERKELEY, CALIFORNIA

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Issued Quarterly in January,
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YEARLY SUBSCRIPTION
ONE DOLLAR

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UNIVERSITY OF CALIFORNIA RECORD

JULY 1 TO SEPTEMBER 30, 1922

Volume 2

OCTOBER, 1922

Number 4

SCHOLARSHIP REPORTS FOR FRATERNITIES, SORORITIES AND HOUSE CLUBS

The average scholarship record for the semester January to May, 1922, was 2.4287 for undergraduate sorority and house-club women, and 2.7935 for undergraduate fraternity and house-club men. For the semester August to December, 1921, the average scholarship record was 2.5179 for women's organizations, and 2.9320 for men's organizations.

The average of each organization is computed by adding the number of units of grade "A"; twice the number of units of grade "B," three times the number of units of grade "C," etc., up to six times the number of units of grade "F" and dividing the sum of these products by the total number of units. "Incomplete" is rated as equivalent to grade "E" and units for which grade "Passed" have been assigned are disregarded entirely.

Following are the comparative standings for sororities and women's clubs:

Rank by average grade	Average grade
1. Alpha Chi Omega.....	2.2009
2. Alphi Phi	2.2495
3. Newegita	2.2987
4. Al Khalail	2.3177
5. Alpha Omieron Pi.....	2.3407
6. Chi Omega	2.3568
7. Norroena	2.3579
8. Tewanah	2.3762
9. Pi Beta Phi.....	2.3768
10. Alpha Delta Pi.....	2.3812
11. Kappa Kappa Gamma.....	2.3918
12. Kappa Phi Alpha.....	2.3943
13. Delta Zeta	2.4137
14. Phi Mu	2.4182
15. Delta Gamma	2.4292
16. Kappa Delta	2.4372
17. Achoth	2.4450
18. Kappa Alpha Theta	2.4568
19. Keweah	2.4683
20. Rediviva	2.4731
21. Kilano	2.4894
22. Alpha Gamma Delta	2.4910
23. Zeta Tau Alpha.....	2.5022
24. Theta Upsilon	2.5035

Rank by average grade	Average grade
25. Sigma Kappa	2.5086
26. Delta Delta Delta.....	2.5253
27. Gamma Phi Beta.....	2.5364
28. Alphi Xi Delta.....	2.5562
29. Alpha Sigma Delta.....	2.5784
30. Pi Sigma Gamma.....	2.5862

In addition to the organizations whose records are given above, there are two which lack representatives in all four classes:

Alpha Kappa Alpha.....	2.3046
Phi Mu Delta.....	2.3625

Comparative standing of fraternities and men's clubs follow:

Rank by average grade	Average grade
1. Delphic	2.0083
2. Timbran	2.0476
3. Alpha Kappa Lambda.....	2.3746
4. Achaean	2.4070
5. Kappa Tau	2.4826
6. Chi Phi	2.5652
7. Zeta Beta Tau.....	2.6102
8. Theta Delta Chi.....	2.6196
9. Del Rey	2.6377
10. Dwight	2.6495
11. Sigma Nu	2.6511
12. Alkamoi	2.6634
13. Sigma Phi Epsilon.....	2.6715
14. Sigma Pi	2.6756
15. Acacia	2.6896
16. Delta Chi	2.7024
17. Al Ikhwan	2.7167
18. Bachelordon	2.7180
19. Sigma Phi	2.7319
20. Pi Kappa Phi.....	2.7367
21. Psi Upsilon	2.7544
22. Delta Kappa Epsilon.....	2.7693
23. Phi Kappa Psi.....	2.7723
24. Abracadabra	2.7901
25. Alpha Delta Phi	2.7903
26. Phi Kappa Sigma.....	2.7917
27. Delta Sigma Lambda.....	2.8072
28. Theta Chi	2.8146
29. Phi Sigma Kappa.....	2.8198
30. Delta Tau Delta.....	2.8373
31. Dahlonga	2.8381
32. Sigma Chi	2.8412
33. Tilicum	2.8463
34. Alpha Beta Phi.....	2.8500
35. Pi Kappa Alpha.....	2.8512
36. Kappa Sigma	2.8548
37. Theta Xi	2.8634
38. Delta Upsilon	2.8934
39. Phi Lamba Alpha.....	2.9264
40. Phi Kappa Tau.....	2.9357
41. Alpha Sigma Phi.....	2.9368
42. Sigma Phi Sigma.....	2.9450
43. Tau Kappa Epsilon.....	2.9575

Rank by average grade	Average grade
44. Chi Psi	2.9714
45. Phi Delta Theta.....	2.9724
46. Oricum	2.9846
47. Delta Sigma Phi.....	3.0151
48. Kappa Alpha	3.0163
49. Alpha Phi Alpha.....	3.0308
50. Alpha Tau Omega.....	3.0319
51. Lambda Chi Alpha.....	3.0537
52. Sigma Alpha Epsilon.....	3.1200
53. Pi Alpha Epsilon.....	3.2016
54. Zeta Psi	3.2199
55. Phi Gamma Delta.....	3.2313
56. Beta Theta Pi	3.2335

In addition to the organizations whose records are given above there is one which lacks representatives in the freshman class, viz:

Alpha Chi Sigma.....	2.3054
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ENROLLMENT OF STUDENTS AT BERKELEY

The enrollment of students in the departments of the University, located in Berkeley, August to December, 1922, totals 9600, segregated as follows: graduate students, 1149; undergraduates, 8451. As compared with the enrollment for August to December, 1921, this is an increase of 154 students in the graduate division and a decrease of 156 in the undergraduate division.

GIFTS

An Alumnus, \$1000 for the support of the astronomical work at Santiago, Chile.

An Alumnus, \$1000 as a contribution to the Kofoid Research Fund.

To the Arthur Arlett Memorial Scholarship Fund, \$2568.25, subscribed as follows: William H. Crocker, \$500; Maude B. Cooke, \$500; John Francis Neylan, \$500; H. U. Maxfield, \$200; Oliver Elsworth, \$100; Dr. John R. Haynes, \$100; Wm. A. McGee, \$100; J. K. Moffitt, \$100; Warren Olney, Jr., \$100; John M. Holmes, \$50; A. W. Moore, \$50; Ella B. Morris, \$50; B. H. Pendleton, \$50; F. C. Turner, \$50; M. K. Vickery, \$50; Alice L. Osborne, \$25; Harriet K. Phillips, \$25; Jennie Wade Snook, \$10; Ruth Calden Robinson, \$5.00; Mrs. A. J. Lauffer, \$2.00; Harriett V. Merrill, \$1.00; W. E. Young, 25c.

Charles H. Baker, \$50 for the Cooper Prize in Ornithology for the academic year 1922-23.

To the Bancroft Library, seven volumes of *Memorias* from the Secretariat of Foreign Relations of the Republic of Honduras; seventy-two volumes of materials from the Department of Propaganda of the Secretariat of Foreign Relations of the Republic of Venezuela; and three volumes of administrative *Memorias* from the Presidency of Cuba.

Grand Lodge of the Independent Order of B'nai B'rith, District No. 4, \$250 for the establishment of a scholarship in the College of Agriculture of the University (preferably at Davis) in honor of the late David Lubin, to be known as the David Lubin Scholarship of District Grand Lodge No. 4, I. O. O. B. of the College of Agriculture of the University of California.

Mrs. Robina M. Booth, \$200 being her annual contribution to the Edward Booth Loan Fund.

Rev. W. A. Brewer, a large framed photograph of the late Professor Agassiz, to be placed in the Zoology Building.

California Farm Bureau Federation, \$750 to establish the W. H. Heileman Memorial Fellowship in Agriculture.

California Tuberculosis Association, \$1200 to be used toward the salary of a chemist in connection with chaulmoogra oil investigations at the George Williams Hooper Foundation for Medical Research.

Canners League of California, \$500 as a contribution toward the botulism investigation of the George Williams Hooper Foundation for Medical Research.

Charter Rock Lodge No. 410, \$200 to cover the two Charter Rock Lodge Masonic Scholarships for the first semester of the academic year 1922-23.

Regent W. H. Crocker, \$4500 in support of the Lick Observatory Eclipse Expedition to Australia.

Regent W. H. Crocker, \$2000 for the support of special research to be carried on under the direction of Dr. W. P. Lucas, Professor of Pediatrics in the Medical School.

Regent W. H. Crocker, \$50 to defray the cost of subscriptions to certain American and European art magazines for the reading room of the Department of Art.

E. I. DuPont de Nemours Company of Wilmington, Delaware, \$750 in support of the DuPont Fellowship for the academic year 1922-23.

Henry T. Fletcher, a set of fossils from the Cretaceous of western Texas, to the Department of Geology of the Southern Branch of the University.

Kenneth McLeod, \$25 as an expression of his appreciation of services and assistance of the Division of Agronomy of the College of Agriculture.

Ogden Mills, \$500 for the support of the astronomical work at Santiago, Chile.

Mrs. Alexander F. Morrison, \$100 as a contribution toward the Sarah I. Shuey Memorial Scholarship for Women in Medicine.

Native Sons of the Golden West, a State Bear Flag.

National Academy of Sciences of the National Research Council, \$400. the first installment of the grant awarded Dr. H. M. Evans, Professor of Anatomy, by the Committee for Research on Sex Problems of the National Research Council.

Regent Chester Rowell, \$100 for the support of special research work to be carried on under the direction of Dr. W. P. Lucas, Professor of Pediatrics in the Medical School.

San Jose High School, \$125 to cover the San Jose High School Scholarship for the academic year 1922-23.

E. W. Scripps, \$2100 for the "Scripps Special Account."

Snell Seminary Alumnae Association, \$125 as a contribution toward the Snell Seminary Memorial Loan Fund.

Levi Strauss and Company, \$1750 in support of the Levi Strauss Scholarships for the six months ending December 31, 1922.

Swedish American Patriotic League of California, \$125 in support of the Swedish American Scholarship for the academic year 1922-23.

Dorothy Todd Scholarship Fund of the Pacific Coast Field Committee of the Y. W. C. A., \$250 to establish two undergraduate scholarships.

Mrs. Evan Williams, Sr., \$250 in support of the Enid Williams Memorial Scholarship in Music for the academic year 1922-23.

Mrs. Evan Williams, Sr., \$100 as a contribution to the Enid Williams Memorial Library Fund.

UNIVERSITY PRESS PUBLICATIONS

American Archaeology and Ethnology

Winter and summer dance series in Zuñi in 1918, by Elsie Clews Parsons.

Botany

Undescribed plants mostly from Baja California, by Ivan Murray Johnston.

Interspecific Hybridization in *Nicotiana*. On the Results of Backcrossing the F₁ *Sylvestris-Tabacum* Hybrids to *Sylvestris*, by Thomas Harper Goodspeed and Roy Elwood Clausen.

The Morphology, Development and Economic aspects of *Schizophyllum commune* Fries, by Frederick Monroe Essig.

Geology

Geology and Ore Deposits of the Santa Fe District, Mineral county, Nevada, by Clifton W. Price.

APPOINTMENTS

Professors.—C. L. Brewer, Physical Education and Director of Athletic Activities, Branch of the College of Agriculture at Davis; G. P. Costigan, Jr., Law; C. H. Rieber, Professor of Philosophy and Dean in the Southern Branch.

Associate Professors.—N. J. Silberling, Economics; H. A. Jones, Olericulture, from October 1; W. M. Regan, Animal Husbandry, from October 1; W. W. Robbins, Botany, Branch of the College of Agriculture at Davis.

Assistant Professors.—N. C. Arvin, French; Leigh Bell, Captain Inf., U. S. A., Military Science and Tactics, Southern Branch; L. M. Buell, English, Southern Branch; M. B. Durette, Lieutenant, U. S. A., Military Science and Tactics, Southern Branch; R. H. Franzen, Education and Psychology; P. H. Houston, English, Southern Branch; M. Y. Hughes, English, Southern Branch, Glenn James, Mathematics, Southern Branch; A. E. Longueill, English, Southern Branch; C. S. Mudge, Dairy Industry, from July 15; C. D. Y. Ostron, Captain, C. A. C., Military Science and Tactics; J. T. Rosa, Jr., Olericulture, from November 1; W. J. Wythe, Mechanical Drawing.

Instructors.—Olga M. Ardell, Operative Dentistry; W. M. Cameron, Children's Dentistry; V. O. Knudsen, Physics, Southern Branch; C. M. Markel, Prosthetic Dentistry, from October 1; R. S. McIntyre, Mining, from August 20; R. W. Millar, Chemistry, Southern Branch; Ralph Rabinowitz, Medicine; H. I. Smith, Prosthetic Dentistry; O. L. Sponsler, Botany, Southern Branch.

Lecturers.—John Adams, Education, Southern Branch, from January 1, to June 30, 1923; W. M. Aikin, Education; D. H. Atherton, Mechanical Engineering; F. M. Blanchard, Public Speaking from January 1, 1923, to June 30, 1923; B. R. Crandall, Education and Supervisor of Classes for the Training of Agriculture Teachers (Davis and Berkeley); R. M. Davis, Law; J. F. Duggar, Agronomy; L. H. Duschak, Metallurgy to December 31; Dr. Frank L. Kelly, Preventive Medicine and Hygiene; Marshall McComb, Government, Southern Branch; N. A. Pedersen, Public Speaking; E. M. Prince, Legal Medicine; Roland Riggs, Political Science, from January 1, 1923 to June 30, 1923; A. Torossian, Architectural Drawing, to December 31; J. T. Watkins, Orthopedic Surgery; R. W. Watkins, Neurology, from August 22 to October 3.

Associates.—Helen Barr, Physical Education for Women, Southern Branch; C. H. Blesse, Physical Education for Men, to December 31; R. J. Brower, Mechanical Drawing; Mrs. Deborah Calkins, English, University Extension; Susan F. Cobb, English, Branch of the College of Agriculture at Davis, from August 10; P. S. Danner, Research Associate in Chemistry; A. W. Gauger, Research Associate in Chemistry; J. W. Groves, Education; C. R. Howd, Economics; A. Lachman, Research Associate in Chemistry; F. L. Poole, Physics, Southern Branch; Helen

Robinson, Physical Education; S. W. Shear, Rural Institutions, from August 1; Louise Soulas, French; J. L. Stahl, Pomology, from September 1; C. A. Truesdell, Architectural Drawing, Southern Branch; L. C. Valentine, English, Southern Branch.

Assistants.—V. Ayres, Music, Southern Branch; C. L. Barrett, Philosophy; H. A. Borthwick, Botany, Branch of the College of Agriculture at Davis; Helen Bruckman, Pediatrics, from September 15; Elsie L. Calkins, Agricultural Extension, from September 1; Catherine R. Cooper, Physiology; W. M. Cory, Agricultural Extension from August 1; Constance Douglas, Agricultural Extension from August 1; M. S. Eager, Agricultural Extension from August 1; A. W. Farrell, Dairy Industry; W. J. German, Physiology; T. E. Gibson, Urology; M. J. Haggerty, Research Assistant in Oriental Languages; R. T. Hazzard, Geography, to December 31; Clarence N. Johnston, Irrigation Investigations and Practice, from September 15; D. A. Jones, Zoology; R. E. King, Economics, to December 31; R. H. Kuhns, Pediatrics; A. A. Kutzmann, Urology; C. Leggo, Medicine, from September 1; J. D. Long, Agricultural Engineering; E. G. McKibben, Agricultural Engineering, from August 1; R. F. Mead, Animal Husbandry, from August 10; Orpha A. Miller, Agricultural Extension, from August 21; Ruth Persons, Zoology, Southern Branch; G. L. Patterson, Otology, Rhinology and Laryngology; Anna L. Polak, Agricultural Extension; Mrs. F. S. Robbins, Research Medicine, George Williams Hooper Foundation for Medical Research; M. B. Schmittou, Geography to December 31; Bertha R. Schwab, Agricultural Extension; E. F. Serr, Jr., Agricultural Extension, from August 1; R. E. Swarts, Pathology; L. H. Swinford, Mathematics; C. E. Tegner, Dairy Industry; Ray Tubbs, Bacteriology, from August 1, 1922; Margaret M. Watson, French; H. S. Whisman, Neuropsychiatry; W. L. Zink, Agricultural Engineering, from August 1.

Teaching Fellows.—H. E. Allen, History; Belle Anderson, George Williams Hooper Foundation for Medical Research; Valerie H. Arnold, Philosophy; Elizabeth Barlderston, English; Jane Baskin, English; Elsie Brink, Research Medicine, George Williams Hooper Foundation for Medical Research; Pearl Bristol, Research Medicine, George Williams Hooper Foundation for Medical Research; F. A. Brooks, Physics; Margaret S. Chaney, Household Science; G. G. Coope, English; C. G. Cullen, Physics; F. D. Daines, Political Science, to December 31; L. C. Damsgard, Lick Observatory; Grace Dietz; Public Speaking; Mrs. C. C. Dozier, Research Medicine, George Williams Hooper Foundation for Medical Research; E. Jessie Easton, Research Medicine, George Williams Hooper Foundation for Medical Research; J. Ellison, History; E. W. Gardiner, Chemistry; P. D. Godfrey, Economics; Winnifred Graham, Physics; P. S. Grant, English; L. W. Graves, Economics; Theodore Gray, Anthropology; John Gruber, History; O. E. Hooley, History; H. B. Hunt, Zoology; R. A. Jack, Physics; Samuel Kaplan, English; Mrs. Edith Katten, Hygiene; Tracy Kelley, English; Schöne Kurlandzik, English; E. M. Loeb, Anthropology; C. L. Lokke, History; Eleanor E. Malic, History, to December

31; Mrs. Alice G. Merrill, Chemistry; Mary E. O'Day, Physics; Iva M. Pettitt, Physics; Marion Phillips, English; Thais Plaisted, Political Science; L. Porter, History; R. W. Prior, Economics, to December 31; T. H. Reynolds, History; H. G. Romig, Physics; Madeline Schreiber, English; J. T. Schulz, Accounting, to December 31; Mattie E. Stover, Research Medicine, George Williams Hooper Foundation for Medical Research; E. A. Taliaferro, History; Dorothy Tilden, Household Science; A. W. Upton, English; Christine Urquhard, Chemistry; R. A. Vandegrift, History, to December 31; Augusta Wellman, Physics; B. W. Wheeler, History, to December 31.

Specialists in Agricultural Extension.—F. H. Abbott, Butter Standardization; J. B. Brown, Irrigation, from September 16; Hilda Faust, from September 1.

California Museum of Vertebrate Zoology.—L. K. Wilson, Assistant in Osteology, from August 16; H. C. Bryant, Economic Ornithologist.

Infirmary.—T. W. Cook, Dental Surgeon; C. V. Covell, Dental Surgeon, to December 31, 1922; Delta R. Olsen, Assistant Physician for Women; L. Woods, Assistant Physician for Men, from August 15.

Scripps Institution for Biological Research.—Helen E. Murphy, Biologist.

Southern Branch.—Erna M. Brennehan, Teacher of Home Economics in the Training School; Gertrude Colby, Director of Physical Education for Women; Doris M. Fredericks, Assistant to the Dean of Women; Emily Tyrell, Library Assistant, from September 1.

University Elementary School.—Jane Barnhardt; Norine Connelly; Mrs. Druce Crase; Marie Kinell; Gail Moody; Annie Raymond; Bessie Reiner.

Wilmerding School.—E. R. Booker, Instructor in Mechanical Drawing; R. N. Chapman, Instructor in Automotive Mechanics; M. R. Grant, Instructor in Cabinet Making.

* * * *

Mrs. D. L. Bunnell, Administrative Assistant on leave of Absence, from July 1 to December 31; Marietta Voorhies, Assistant to the Dean of Women, to August 31.

PROMOTIONS AND CHANGES IN TITLE*

Assistant Professor.—T. Tavernetti, Assistant Professor of Farm Practice and Assistant to the Director of the Branch of the College of Agriculture at Davis, from Assistant Professor of Farm Practice and Assistant to the Dean of the University Farm School.

Instructor.—E. W. Cleary, Instructor in Orthopedic Surgery, from instructor in Surgery.

Lecturers.—G. Kyte, Supervising Principal of the University Elementary School, given the additional title of Lecturer in Education; C. J. Struble, Assistant Comptroller and Assistant Secretary of the Regents, given additional title of Lecturer in Commercial Law.

Associates.—H. L. Belton, Associate in Agricultural Engineering, from Teacher of Agricultural Engineering at the University Farm; A. S. Bennion, Associate in Education, from Teaching Fellow; C. J. Burrell, Associate in Mathematics at the University Farm, from Teacher of Mathematics at the University Farm; L. H. Day, Associate in Pomology from Teacher of Pomology at the University Farm; I. F. Torrey, Associate in Chemistry at the University Farm from Teacher of Chemistry at the University Farm.

Assistant.—J. W. Ellis, Research Assistant in Physics, from Teaching Fellow.

Infirmary.—W. H. Barnes, Assistant Physician for men, given additional title of School Physician in the University High School, from August 25, 1922 to May 25, 1923; A. M. Meads, Consulting Urologist and Dermatologist, from Associate University Physician and Urologist; Ruth T. Shepardson, Assistant Physician for Women, given additional title of School Physician in the University High School, from August 25, 1922 to May 25, 1923.

Southern Branch.—Frances Giddings, Acting Assistant Supervisor of Primary Education, from Teacher in the Training School.

*Effective July 1, 1922, unless otherwise designated.

LEAVES OF ABSENCE*

Professors.—F. H. Probert, Professor of Mining and Dean of the College of Mining, from August 15 to September 30; W. P. Kelley, Agricultural Chemistry, from September 1, 1922 to April 30, 1923.

Assistant Professors.—V. C. Bryant, Agricultural Extension, from July 1 to December 31; W. J. Wythe, Mechanical Drawing.

Instructors.—Sarah R. Atsatt, Biology, Southern Branch, from July 1, 1922 to January 20, 1923; E. I. Bartlett, Surgery, from July 5 to August 15; A. C. Rulofson, Anaesthesia, from August 21 to October 13; Elizabeth Schulze, from July 3 to August 12.

Lecturers.—J. R. Douglas, Public Administration, Southern Branch; E. M. Landon, Politics and Military Policies, from July 1 to November 10; F. P. Woellner, Government, Southern Branch, from July 1 to December 31.

Associate.—R. J. Brower, Mechanical Drawing.

Assistant.—H. R. Keller, Agricultural Extension, from September 1 to September 8.

Teaching Fellow.—N. J. Spykman, Political Science, from July 1 to December 31.

Southern Branch.—Mrs. Madeline Crowell, Teacher of Home Economics in the Training School; R. Mildred Weber, Library Assistant, from July 1 to August 31.

* * *

Mrs. M. B. Davidson, Assistant Dean of Women, from September 22 to December 22; C. C. Herbert, Instructor in Automotive Mechanics, Wilmerding School; Richard Hunt, Assistant Curator of Birds, California Museum of Vertebrate Zoology, from October 1, 1922 to June 30, 1923.

*From July 1, 1922 to June 30, 1923, unless otherwise designated.

RESIGNATIONS*

Professors.—W. R. Bloor, Biochemistry; F. H. Orton, Dentistry; T. H. Reed, Municipal Government.

Associate Professor.—C. H. Marvin, Associate Professor of Commerce and Dean in the Southern Branch, effective September 1.

Assistant Professors.—Florence Lutz, Voice Culture; F. McCabe, Military Science and Tactics, effective September 8; W. J. Wythe, Mechanical Drawing, effective July 1, 1923.

Instructors.—F. L. Brown, Physics, Southern Branch; J. L. Campbell, Operative Dentistry; E. A. Kincaid, Economics; A. H. Moore, Pediatrics, effective July 17.

Associates.—R. J. Brower, Mechanical Drawing, effective July 1, 1923; Marie Champy, French; L. C. Edwards, Physical Education for Men; Katherine P. Hersey, Physical Education for Women, Southern Branch; Gladys Palmer, Physical Education for Women, Southern Branch.

Assistants.—J. M. Cronin, Physiology; D. C. Fowler, Physiology; Norma Gould, Gymnastics, Southern Branch; F. M. McKeever, Physiology; L. F. Morrison, Research Bacteriology; A. Richardson, Research Assistant, George Williams Hooper Foundation for Medical Research; A. F. Scott, Agricultural Extension, effective August 1; Mrs. Mildred Yonge, Agricultural Extension.

Teaching Fellows.—O. M. Akey, Physics; R. E. Connelley, Physics; G. B. W. Fraser, Economics; L. R. Hafen, History; G. P. Hammond, History; L. H. Kletzien, Economics; Lora I. Lind, Physics; Leila Noland, English; M. Saunderson, Economics; E. N. Simpson, Economics; H. G. Tasker, Physics.

California Museum of Vertebrate Zoology.—Edna M. Fisher, Assistant in Osteology, effective August 15.

Lick Observatory.—F. E. Ross, Associate Astronomer.

Southern Branch.—Winifred Van Hagen, Director of Women's Gymnasium.

Wilmerding School.—J. E. Maybeck, Instructor in Cabinet Making.

*Effective July 1, 1922, unless otherwise designated.

UNIVERSITY MEETINGS

September 1—David P. Barrows, President of the University.

September 15—Munroe Smith, James Bryce Professor of European Legal History in Columbia University; Exchange Professor of Law, and Arthur Oncken Lovejoy, Professor of Philosophy in Johns Hopkins University; Mills Lecturer in Philosophy.

September 29—Lillie Margaret Sherman, General Secretary, University Young Women's Association, and Leon J. Richardson, Professor of Latin and Director of University Extension.

MUSICAL AND DRAMATIC EVENTS

(Held in Wheeler Hall Auditorium unless otherwise indicated.)

July 5—"Man and Superman," by Bernard Shaw.

July 7, 12—"The Great Adventure," by Arnold Bennett.

July 8—"Oedipus the King." Greek Theatre.

July 14, 19—"Wild Birds," by Dan Totheroh.

July 21, 26—"Arms and the Man," by Bernard Shaw.

July 22—"Pelleas and Melisande," by Maurice Maeterlinck.

July 25—Dance Concert by John Paget Fredericks, Greek Theatre.

July 27—Perry Dille's Guignol Marionettes.

July 28, August 2—"Home Rule," by Irving Pichel and Max Radin.

July 29, September 7—"A Midsummer Night's Dream." Greek Theatre.

August 26—Humperdinck's "Hansel and Gretel," directed by Paul Steindorff, Ferris Hartman, and Anita Peters Wright. Greek Theatre.

September 9, 12—"You Never Can Tell," by Bernard Shaw.

September 21—Song Recital by Lucia Dunham, mezzo-soprano.

September 23, 29—"Dust of the Road," by Kenneth Goodman; "Three Pills in a Bottle," by Rachel Lyman Field; "The Little Stone House," by George Calderon.

September 25—"Miss Lulu Bett," by Zona Gale.

SPECIAL LECTURE COURSES

THE UNIVERSITY

September 5—David P. Barrows, President of the University, "The University: Its Organization, Functions, and Ideals."

September 11—E. G. Steel, President of the Associated Students, and Gertrude Matthew, Senior Woman's Representative at Large, "Student Self-Government."

September 18—Charles Mills Gayley, Professor of the English Language and Literature, "Books and Reading"; H. L. Leupp, University Librarian, "The Use of the Library."

September 25—E. O'Neill, Professor of Inorganic Chemistry and Director of the Chemical Laboratories, "The History of the University."

EARL FOUNDATION LECTURES

S. L. Joshi, Professor of Literature in the University of Baroda, India, delivered a series of two lectures on the E. T. Earl Foundation of the Pacific School of Religion.

August 29—"The Contribution of India to Civilization."

August 31—"New Forces in India."

LECTURES

July 10—E. T. Williams, Agassiz Professor of Oriental Languages and Literature, "China."

July 12—William B. Munro, Professor of Municipal Government, Harvard University, "American Contributions to Democracy."

July 13—William B. Munro, Professor of Municipal Government, Harvard University, "Our Greatest Governmental Failure."

July 17—Mrs. Mary Austin, "The Theater as an Expression of Community Life."

July 17—H. E. Bolton, Professor of American History, "Through Pueblo Land."

July 18—Mrs. Mary Austin, "The American Pattern."

July 19—Mrs. Mary Austin, "The Aboriginal Contribution."

July 14—Dr. Charles Allen Dinsmore, "Dante: the Man, and his Message."

July 20—Mrs. Mary Austin, "American Rhythms."

July 21—Mrs. Mary Austin, "The Revolt of the Younger Writers."

July 24—Minna C. Denton, "Research in Problems of Experimental Cookery."

July 24—C. Cestre, "The France of Today."

July 25—Minna C. Denton, "Problems in Fuel Conservation."

July 26—Minna C. Denton, "Problems in Household Dietetics."

July 26—Regent Chester H. Rowell, "Government Regulation of Public Utilities."

July 27—Minna C. Denton, "Problems in Connection with the Selection and Preparation of Meat."

July 28—Minna C. Denton, "Collection of Bibliography and Facilities for Contact with Contemporaries."

July 28—John Lomax, Professor of English, University of Texas, "Cowboy Songs."

July 31—John Lomax, Professor of English, University of Texas, "Negro Spirituals."

August 1—John Lomax, Professor of English, University of Texas, "Cowboy Verse."

August 30—W. M. Aikin, Lecturer in Education, "The School Man and Other Men."

September 28—Henry Schlee, "Rudyard Kipling and His Message."

HALF-HOUR OF MUSIC

July 2—Wandszetta Fuller Biers, coloratura soprano; Ewing Avery, pianist.

July 9—Helene Allmendinger, contralto; Edgar Albert Thorpe, accompanist.

July 16—Sascha Jacobinoff, violinist; Marie Mikova, pianist.

July 23—Summer Seccion Orchestra, Sascha Jacobinoff, conductor. Summer Session Chorus, Frederick Alexander, conductor, Marie Mikova, pianist.

July 30—Gabrielle Southard; Beatrice Clifford, accompanist.

August 6—Jack Edward Hillman, baritone; Carol Jarboe, accompanist.

August 13—Marian Patricia Cavanaugh, pianist.

August 20—Arion Trio: Josephine Holub, violinist; Margaret Avery, cellist; Joyce Holloway-Barthelson, pianist.

August 27—Pearl Hossack Whitecomb, contralto; Helen Vallon, accompanist.

September 3—Ellen Edwards, pianist.

September 17—Patricia Duffy, child pianist.

September 24—The Mills College Trio: Mary Elizabeth Jump, violinist; Karolina Jump, cellist; Helen Marie Reynolds, harpist; assisted by Omo Grimwood, soprano; Natalie Wollin, accompanist.

UNIVERSITY OF CALIFORNIA
RECORD

VOLUME 3 NUMBER 1

JANUARY, 1923



UNIVERSITY OF CALIFORNIA PRESS
BERKELEY, CALIFORNIA

UNIVERSITY OF CALIFORNIA RECORD

Issued Quarterly in January,
April, July, and October by the
University of California Press

YEARLY SUBSCRIPTION
ONE DOLLAR

Entered as second-class matter February 5, 1921, at the postoffice at Berkeley, California, under the Act of August, 1912. Acceptance for mailing at special rate of postage provided for in section 1103, Act of October 3, 1917, authorized February 25, 1921.

UNIVERSITY OF CALIFORNIA RECORD

OCTOBER 1 TO DECEMBER 31, 1922

Volume 3

JANUARY, 1923

Number 1

STATEMENT OF NEEDS, 1923-25

On December 5, 1922, the President of the University and members of the Finance Committee presented to the State Board of Control the following statement of the University's needs for the biennium 1923-24:

1. Agriculture:	Increase	
Support	\$2,289,800.00	
Support — additional.....	515,206.00	
Deciduous Fruits.....	57,245.00	
	\$2,862,251.00	\$362,251.00
2. Southern Branch	1,250,000.00	250,000.00
3. Scripps Institution	45,000.00	none
4. University Extension.....	170,000.00	none
5. Hospital Service.....	200,000.00	none
6. Medical School Support.....	100,000.00	none
7. University Support.....	400,000.00	none
8. Salary Increase.....	149,450.00	none
9. General University Fund.....	4,462,246.77	564,747.62
	\$9,638,947.77	\$1,176,998.62

In addition to this appropriation for maintenance, the University asks three appropriations for capital improvements as follows:

1. Land for College of Agriculture at Berkeley.....\$300,000
 This recommendation is made in compliance with the findings of the Commission of Agricultural Education appointed by the last Legislature. It has the endorsement also of the Agricultural Legislative Commission.
2. Land for Southern Branch Campus.....\$450,000
 The parcel comprises fifteen acres adjoining the present campus. This land, indispensable for the immediate needs of the Southern Branch, is constantly rising in value and may be quite unobtainable another biennium. The Southern Branch cannot be maintained in its present location without this land.
3. New Stacks for the University Library.....\$120,000
 This figure will fill one-half of the remaining space in the University Library and will give shelving for the acquisitions of the next eight years, for which no further space now remains. The University Library comprises nearly 700,000 volumes and includes over 6000 learned and scientific journals on its subscription list. It is the heart of the University and the center of its most serious work. It is rapidly becoming one of the great libraries of this country.

Total\$870,000

PRIZES WON BY STUDENTS IN COLLEGE OF AGRICULTURE

The University's Live Stock Judging Team defeated teams from other universities on the Pacific Coast at the International Live Stock Exposition held at Portland during November. At the International Live Stock Show held during December at Chicago, Illinois, the grand prize of the college classes was won by the team from the University for the five best steers, sheep, and hogs from the University Farm and Branch of the College of Agriculture at Davis.

DEATH OF PROFESSOR WOLL

F. W. Woll, Professor of Animal Nutrition, died at his home in Berkeley on December 5. Professor Woll was widely known as an authority on Dairy Science and was a constant contributor to bulletins of the Experiment Station.

FACULTY RESEARCH LECTURER

At its meeting of November 20, the Academic Senate elected Dr. George R. Noyes, Professor of Slavic Languages, as Research Lecturer for the year 1922-23. The subject of Professor Noyes's lecture will be "Russian Literature and Russian Society."

HITCHCOCK LECTURER

Dr. Lafayette B. Mendel, Professor of Physiological Chemistry in Yale University, and Research Associate of the Carnegie Institution, is to deliver the annual lectures on the Hitchcock Foundation for the year 1922-23. The general subject of his lectures will be "Newer Aspects of the Physiology of Nutrition."

DEATH OF MRS. HOOPER

On October 16, 1922, Mrs. Sophronia T. Hooper, widow of the late George Williams Hooper, died at her home in San Francisco. Mr. Hooper was for many years identified as an interested friend of the University and singularized this interest by what President Emeritus Benjamin Ide Wheeler called "the greatest single private gift ever made in California for the service of mankind."

PROFESSOR PLEHN HONORED

Dr. Carl C. Plehn, Professor of Finance on the Flood Foundation, was elected President of the American Economics Association in December at the annual meeting of the Association held in Chicago.

APPOINTMENTS*

Assistant Professor.—J. B. Patrick, Military Science and Taetics, from October 5.

Instructors.—W. N. Becker, Operative Dentistry; V. C. George, Mechanical Engineering, from October 1; A. L. McGuinnes, Operative Dentistry, from October 16; C. E. Nixon, Neuropsychiatry, from October 1.

Lecturers.—L. H. Duschak, Metallurgy; C. H. Lee, Civil Engineering.

Associates.—Elsie Forbes, Fine Arts, Southern Branch, from October 1; Evelyn Mondon, Fine Arts, Southern Branch, from October 1; Mrs. Mary T. Paine, Mathematics.

Assistants.—B. L. Freeland, Medicine, from November 20; K. O. Haldeman, Pathology and Histology (Dentistry), from September 1 to April 30; Lulu M. Jenkins, Physiology, from July 1; C. Maghy, Ophthalmology, from October 1; P. F. Roller, English, Branch of the College of Agriculture at Davis, from October 1; A. H. Shipley, Education, from October 1; B. H. Thomas, Animal Husbandry, from October 1; H. F. Whalman, Biochemistry.

Teaching Fellows.—Frances Farmer, English, from July 1; Leila Noland, English, from September 1.

Agricultural Extension.—W. H. Brooks, Assistant, from November 16; R. D. Foot, Assistant, from October 1; B. L. Hagglund, Assistant, from December 16; J. C. Hays, Assistant, from November 16; A. A. Taver-netti, Assistant, from October 1; C. K. Wildermuth, Assistant, from November 1.

Lick Observatory.—C. A. Bergman, Photographer, from November 15; S. Gunar, Instrument Maker, from December 1.

Museum of Paleontology.—M. C. Israelsky, Research Assistant to the Director.

Southern Branch.—Vivian Evans, Training Teacher, First Grade, from September 25.

University High School.—Minette MacKay, Assistant Supervisor of Science, from October 1.

University Hospital.—L. L. Rothschild, Assistant Roentgenologist, from July 1, to December 31.

Vocational Education.—B. E. Mallery, Assistant Supervisor of Classes for Teachers of Trade and Industrial Subjects, from October 15.

* From January 1 to June 30, unless otherwise designated.

RESIGNATIONS*

Assistant Professors.—F. A. Carlson, Soil Technology; W. A. Robertson, Military Science and Tactics, effective July 1, 1922.

Assistants.—F. J. Adams, Education, effective October 1; V. Ayers, Music, Southern Branch, effective November 20; H. F. Dormody, Surgery, effective November 1.

Teaching Fellows.—Frances Farmer, English, effective November 17; Ruth M. Leech, Hygiene; Schone Kurlandzik, English, effective November 16; Leila Noland, English.

Agricultural Extension.—Evelyn Conklin, Specialist, effective November 30; Mrs. Malinda Woodworth, Specialist, effective November 30.

Lick Observatory.—J. E. Hoover, Foreman and Carpenter, effective November 30.

University High School.—Grace Findley, Assistant Supervisor of Science, effective October 1.

Museum of Paleontology.—Dorothy Kemper, Research Assistant to the Director, effective November 30.

LEAVES OF ABSENCE†

Professors.—W. M. Haşkell, Mathematics; W. E. Ritter, Zoology, and Director of the Scripps Institution for Biological Research, from November 1 to December 31; C. F. Shaw, Soil Technology, from March 1 to June 30; C. W. Woodworth, Entomology; E. C. Van Dyke, Entomology.

Instructor.—Nellie B. Sullivan, Psychology, Southern Branch.

Lecturer.—M. A. Meyer, Semitics.

Associate.—Mrs. B. K. Smith, Fine Arts, Southern Branch, from October 1 to June 30.

Assistants.—P. J. Calvi, Otology, Rhinology, and Laryngology, from October 1 to December 31; C. Leggo, Medicine, from September 25 to October 15; D. M. Morrison, Urology, from October 23 to November 27.

Teaching Fellow.—Elsie Brink, Research Medicine, from October 1 to October 31.

Southern Branch.—Mrs. Adelaide A. Samuels, Training Teacher, First Grade, from September 22 to June 30; M. Burney Porter, Appointment Secretary and Supervisor of Teacher Training, from November 6 to December 6.

* Effective January 1, 1923, unless otherwise designated.

† From January 1 to June 30 unless otherwise designated.

GIFTS

W. M. Alexander, San Francisco, \$500 as a contribution to the Arthur Arlett Memorial Scholarship Fund.

An Alumnus, \$1000 toward a special research fund to be expended under the direction of Dr. W. P. Lucas, Professor of Pediatrics.

An Alumnus, a copy of *Alvarotti's Opus Super Feudis*, 1477.

Department of Public Instruction, Republic of Bolivia, to the Bancroft Library, fifteen volumes of *Memorias* and *Boletines*.

Miss Helen Boyer, Bay Point, \$5.

F. W. Bradley, \$1000 to the Mining Students' Loan Fund.

Regent J. A. Britton, \$100 as a contribution to the Arthur Arlett Memorial Scholarship.

W. A. Carruth, Oakland, \$25 as a contribution to the Arthur Arlett Memorial Scholarship.

Class of 1922, \$2800 in support of the Loan Fund of the Class of 1922.

Class of 1922, \$3000 to be applied against the expense of furnishing the memorial room in Henry Morse Stephens Hall.

H. G. Clinton, Manhattan, Nevada, to the Museum of Paleontology, a slab of rock with fossils from the Devonian rocks of Nevada.

C. H. Dickey, Piedmont, \$500 as a contribution to the Arthur Arlett Memorial Scholarship Fund.

Mrs. J. S. Dinkelspiel, to the University Hospital, twenty-five warming plates.

Regent G. C. Earl, \$500 as a contribution to the Arthur Arlett Memorial Scholarship Fund.

J. Elden, Forty Mile, Alaska, to the Museum of Paleontology, fossil head of a mountain sheep and a fossil elephant's tooth.

Fulton Company, Knoxville, Tenn., to the Department of Mechanical and Electrical Engineering, a Sylphon Temperature Regulator valued at \$100.

Hilda Gohrman, San Francisco, \$50 as a contribution to the Arthur Arlett Memorial Scholarship Fund.

Estate of Phoebe A. Hearst, \$1200 to be devoted to eight scholarships of \$300 provided by Mrs. Hearst.

C. W. Heyer, Oakland, \$100 as a contribution to the Arthur Arlett Memorial Scholarship Fund.

Hillside Club of Berkeley, \$111.46 in support of the Hillside Club Loan Fund.

Albert Sidney Johnston Chapter, United Daughters of the Confederacy, \$500 to be added to the Albert Sidney Johnston Scholarship.

Lunkenheimer Company, Cincinnati, Ohio, to the Department of Mechanical and Electrical Engineering, a sectioned lubricator valued at \$50.

Mrs. Sarah A. Lyman, St. Helena, ninety-three archaeological and ethnological specimens from Napa and Lake Counties.

Mrs. Jackson R. Myers, Berkeley, to the Museum of Anthropology, 2082 Hawaiian Specimens from the Islands of Kauai and Maui.

Native Sons of the Golden West, \$200 to be used by the Native Sons Fellows now in Spain for the erection of a memorial bookcase in memory of George Leslie Albright, Native Sons Fellow, who died in Seville in 1916.

R. Reeve, Berkeley, to the Museum of Paleontology, a fossil whale rib obtained near the estuary in Oakland.

A. H. Rowe, to the Department of Biochemistry of the Medical School, one Tissot spirometer, valued at \$300, and one Haldane Gas Analysis Apparatus valued at \$50.

San Francisco Needlework Guild, to the University Hospital, 141 articles of clothing.

San Francisco Tuberculosis Association, \$1200 for investigations on tuberculosis now in progress at the George Williams Hooper Foundation for Medical Research.

Mrs. Sarah A. Wafer, San Francisco, to the Museum of Anthropology, two old rattles from the north Pacific Coast.

Dr. James Ward, to the Hahnemann Hospital, one George H. Amey Fracture Bed.

Welsbach Company, Gloucester, New Jersey, to the Department of Chemistry, one barrel of sulphates of the rare earths valued at several hundred dollars.

A. L. Whitton, Berkeley, \$5 as a contribution to the Arthur Arlett Memorial Scholarship Fund.

W. K. Winterhalter, San Francisco, to the Museum of Anthropology, a complete aboriginal skeleton with articles of apparel and ornament, from the Arkansas River region of south-eastern Colorado.

G. W. York, his library of Apiarian literature, consisting of about fifty books and one hundred bound and unbound reports of Beekeepers' Conventions.

UNIVERSITY PRESS PUBLICATIONS

AGRICULTURAL SCIENCES

The Effect of Reaction on the Fixation of Nitrogen by *Azotobacter*, by Harlan W. Johnson and Charles B. Lipman. 9 pp., 3 figures in text.

AMERICAN ARCHAEOLOGY AND ETHNOLOGY

Elements of Culture in Native California, by A. L. Kroeber. 70 pp., 4 maps.

Californian Kinship Terminologies, by Edward W. Gifford. 285 pp., 29 maps.

BOTANY

Plantae Mexicanae Purpusianae, XI, by Townshend Stith Brandegee. 8 pp., 1 figure in text.

CLASSICAL PHILOLOGY

The Orchestra Terrace of the Aeschylean Theater, by James T. Allen. 8 pp., 3 figures in text.

The Si-Clause in Substantive Use, by Herbert C. Nutting. 14 pp.

MODERN PHILOLOGY

The Sister's Son in the Medieval German Epic, by Clair Haydn Bell. 116 pp.

ZOOLOGY

The Neuromotor Apparatus of *Paramecium*, by Charles William Rees. 32 pp., 5 plates, 5 figures in text.

Variations in the Shell of *Teredo navalis* in San Francisco Bay, by Robert Cunningham Miller. 36 pp., 4 plates, 6 figures in text.

On the Effect of Low Salinity on *Teredo navalis*, by Harold Francis Blum. 20 pp., 4 figures in text.

Quantitative Studies on Marine Phytoplankton at La Jolla in 1919, by Winfred Emory Allen. 19 pp., 2 figures in text.

Quantitative Studies on Inshore Marine Diatoms and Dinoflagellates of Southern California in 1920, by Winfred Emory Allen. 19 pp., 1 figure in text.

Stylarioides papillosa, sp. nov., a New Annellid from the San Diego Region, by Christine E. Essenberg. 18 pp., 1 plate.

SPECIAL LECTURE COURSES

PIRENNE LECTURES

Henri Pirenne, Rector and Professor of History in the University of Ghent, Belgium, delivered a series of four lectures on "The Origin of Cities in Western Europe," under the auspices of the Departments of History and Political Science, by courtesy of the C. R. B. Educational Foundation, Inc., established by the Commission for Relief in Belgium.

MAKERS OF MODERN HISTORY

John Cowper Powys delivered a series of six lectures on "Makers of Modern History, or, Types of National Statesmanship."

October 4—Napoleon: French Imperialism.

October 11—Lincoln: Democracy at War.

October 18—Gladstone: Little Englandism.

October 25—Cavour: Italian Unity.

November 1—Bismarck: German Imperialism.

November 8—Lloyd George: British Imperialism.

LECTURES

October 5—I. A. Korsookeen, Member of the High Scientific Mining Board of Russia, "The Mineral Resources of Siberia."

October 5—W. A. Setchell, Professor of Botany, "The Vegetation of Tahiti."

October 6—A. O. Lovejoy, Lecturer in Philosophy on the Mills Foundation; Professor of Philosophy, Johns Hopkins University, "The Anomaly of Knowledge."

October 12—August Vollmer, Chief of Police of Berkeley, "Criminology in Relation to the Legal Profession."

October 25—Kathleen Norris, "The Woman Citizen."

October 25—Professor Pierson, President of Iowa State Agricultural College, "International Agriculture."

October 25—Thomas Whittemore, American Director on the Staff in Egypt of the Egypt Exploration Society, "Educational Work Among Refugees in the Near East."

October 26—Paul Scharrenberg, Secretary California State Federation of Labor, "Labor and Immigration in the Hawaiian Islands."

October 27—D. W. Prall, Assistant Professor of Philosophy, "The Present Status of the Theory of Value."

November 9—F. T. Bioletti, Professor of Viticulture, "Botanical Reminiscences."

November 16—Dr. Carl Skottsburg, Director of the Botanic Garden, Gottenburg, Sweden, "The Botany of Juan Fernandez Island," (Illustrated).

November 21—J. H. Hildebrand, Professor of Chemistry, "Men and Women."

November 22—Julean Arnold, Commercial Attaché of the United States for Japan and China, "China."

November 22—R. H. Franzen, Assistant Professor of Education and Psychology, "Common Sense and Statistics."

November 24—G. P. Adams, Professor of Philosophy, "The Nature and Habitat of the Mind."

EXHIBITIONS

October 28 to November 4—An exhibition of Facsimile Reproductions of Drawings by Hans Holbein, the younger.

November 21 to December 2—Exhibition of drawings of Mexico in pastel and lithograph pencil by Florence Minard, Lecturer in Household Art.

December 20 to December 31—Modern Russian Art: water colors by Sergei Scherbakov and paintings by Nikolai Nedashkovsky.

UNIVERSITY MEETINGS

November 10—H. F. Swartz, President, Pacific School of Religion; J. L. Simpson '13, formerly of the Commission for Relief in Belgium and the United States Food Administration.

November 24—Football Meeting. J. U. Calkins, Jr., '11, Lecturer in Law; G. C. Edwards, '73, Professor Emeritus of Mathematics; L. A. Nichols, '17, Graduate Manager of the Associated Students; E. W. Decoto, '00, District Attorney of Alameda County; C. F. Erb, '23, Captain of the Football Team; C. M. Price, '14 Assistant Coach; A. I. Smith, Coach.

December 8—W. W. Campbell, Director of the Lick Observatory.

MUSICAL AND DRAMATIC EVENTS

(Held in Wheeler Hall Auditorium unless otherwise indicated.)

- October 2, 3—"Miss Lulu Bett."
 October 9, 16, 17—"The Truth About Blayds."
 October 13, 14—"Grumpy."
 October 23, 30, 31—"Enter Madame."
 October 26—San Francisco Symphony Orchestra. Harmon Gymnasium.
 October 27, 28—"Come Out of the Kitchen."
 November 2—Concert by Grace Cathedral Choir of San Francisco.
 November 3—"The Campus." Greek Theatre.
 November 6, 13—"The S. S. Tenacity."
 November 7—"Enter Madame."
 November 9, 22—San Francisco Symphony Orchestra. Harmon Gymnasium.
 November 11—"Come Out of the Kitchen."
 November 15—Mme. Elena Manakin, in recital.
 November 17, 18—"The Famous Mrs. Fair."
 November 20, 27, 28—"Heartbreak House."
 November 23—Maurice Browne and Ellen Van Volkenburg, in a reading of "Medea."
 December 4, 11, 12—"A Doll's House."
 December 6—Vachel Lindsay, in a recital from his own works.
 December 7, 11—San Francisco Symphony Orchestra. Harmon Gymnasium.
 December 8, 9—"Mr. Pim Passes By."

HALF-HOUR OF MUSIC

(Sunday Afternoon in the Greek Theatre)

- October 1—Piano recital given by the pupils of Joseph George Jacobson.
 October 8—Marjorie Bond, violinist.
 October 15—Clare Harrington, soprano.
 October 22—Irving Krick, pianist.
 October 29—Louise Massey, mezzo-soprano.
 November 5—Eula Grandberry, soprano.
 November 19—Mme. Millicent Raven, dramatic soprano.
 November 26—Vocal recital by pupils of H. B. Pasmore, assisted by the Lehmer Trio.

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APRIL, 1923



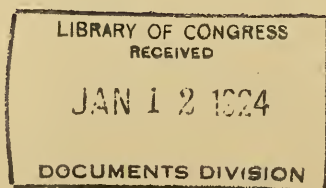
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UNIVERSITY OF CALIFORNIA RECORD

JANUARY 1 TO MARCH 31, 1923

Volume 3

APRIL, 1923

Number 2

ELECTION OF PRESIDENT CAMPBELL

On January 4, at a special meeting of the Regents, Dr. W. W. Campbell, Director of the Lick Observatory, was elected President of the University.

Dr. Campbell was graduated from the University of Michigan in 1886, with the degree of Bachelor of Science. He also holds the degrees M.S. (University of Michigan, 1899); Sc.D. (Western University of Pennsylvania, 1909); LL.D. (University of Wisconsin, 1902); Sc.D. (University of Michigan, 1905); and Sc.D. (University of Western Australia, 1922).

Since 1891 Dr. Campbell has been continuously associated with the University as Astronomer in the Lick Observatory (1891-); Astronomer in charge of Lick Observatory (August 12, 1900-September 12, 1900); Acting Director, Lick Observatory (September 12, 1900-January 1, 1901); Director of the Lick Observatory (January 1, 1901-). With the assumption of his duties as President of the University on July 1, 1923, Dr. Campbell will continue as Director of the Lick Observatory in charge of the general policies of the institution.

DEATH OF EX-PRESIDENT REID

William Thomas Reid, fourth President of the University, died at his home in San Francisco on December 19, 1922. The Regents of the University, assembled in regular session at San Francisco, January 9, 1923, made the following statement concerning the life and services of Mr. Reid:

Born, November 8, 1843, the youth received his early training on his father's farm in Illinois, which he left in his nineteenth year to serve in the Union army. He was graduated from Harvard in 1868. There followed thirteen years of service as headmaster of important high schools, including the Boys' High School of San Francisco, from which post he was summoned, somewhat against his will, to the high office of President of the University of the State.

The period of Mr. Reid's elevation to the presidency was a time of violent reaction from the earlier successes of the institution. Firm public support was wanting. The new president was faced by active opposition both within and without the University. The future of the institution was in grave peril.

Despite these handicaps, his presidency was marked by constructive measures, whose beneficent effects have been felt until the present day. Those years brought important private endowments, and witnessed the

rehabilitation, under the University accrediting system, of the public high schools of California. During President Reid's administration, distinguished names were added to the faculty, among them Howison and Stringham, of beloved memory.

Following his retirement from the presidency, Mr. Reid continued his distinguished career as an educator, founded the Belmont School for Boys, and was for more than thirty years its headmaster and a potent influence for good in the lives of hundreds of the young men of the State.

No president of this or any other university ever possessed greater earnestness of purpose, or gave to his great task more unreservedly of his time, his thought, and his substance. Of sterling character, simple and unostentatious in his contact with his fellows—the unselfish life of William Thomas Reid has stamped its impress upon this University and upon the citizenship of California.

RESOLUTION ADOPTED BY BOARD OF REGENTS

The Regents of the University, at their regular February meeting held in Los Angeles on February 14, adopted the following resolutions outlining their policy for the development of higher education in California:

1. That the higher education of the State should be under the direction and control of a single Board of Regents selected as the present Board is selected.

2. That there is and should be but one State University in California and that institution, the University of California, should be maintained at its full efficiency. There is no room for another state institution of similar high character.

3. That the Regents are in favor of doing all they can in the interests of higher education throughout the State not inconsistent with the foregoing, and accordingly are willing to extend educational facilities at the Southern Branch in Los Angeles as rapidly as the need for such extended service is demonstrated.

4. Finally, that the Regents are prepared to add a third-year course in Letters and Science at the Southern Branch, beginning with the forthcoming September semester, if money is provided adequate to carry out the purposes of this extended service.

SCHOLARSHIP REPORT OF FRATERNITIES, SORORITIES, AND HOUSE CLUBS

Comparative scholarship averages indicate that the general scholarship record for the semester August to December, 1922, was 2.9550 for fraternities and men's house clubs, and 2.5704 for sororities and women's house clubs. The corresponding figures for the period August to December, 1921, were 2.9320 and 2.5179, respectively.

The standing of each organization is computed by adding the number of units of grade "A," twice the number of units of grade "B," three times the number of units of grade "C," etc., up to six times the number of units of grade "F," and dividing the sum of these products by the total number of units. "Incompletes" are rated equivalent to grade "E," and units for which grade "Passed" has been assigned are disregarded entirely.

FRATERNITIES AND MEN'S HOUSE CLUBS

<i>Rank: by average grade</i>	<i>Average grade</i>
1. Delphic	2.5456
2. Kappa Tau	2.5493
3. Achaean	2.6455
4. Timbran	2.6536
5. Alpha Kappa Lambda	2.6560
6. Zeta Beta Tau	2.6661
7. Al Ikhwan	2.6684
8. Kappa Sigma	2.6860
9. Kappa Nu	2.6984
10. Dwight	2.7098
11. Alpha Beta Phi	2.7120
12. Acacia	2.7182
13. Phi Gamma Delta	2.7387
14. Alpha Delta Phi	2.7533
15. Mesacorn	2.8087
16. Delta Sigma Lambda	2.8444
17. Phi Kappa Tau	2.8814
18. Sigma Phi	2.9142
19. Sigma Chi	2.9143
20. Phi Kappa Sigma	2.9227
21. Delta Upsilon	2.9446
22. Theta Chi	2.9482
23. Pi Kappa Alpha	2.9529
24. Phi Delta Theta	2.9540
25. Sigma Phi Sigma	2.9569
26. Dahlonaga	2.9670
27. Alpha Phi Alpha	2.9677
28. Tilicum	2.9686
29. Tau Kappa Epsilon	2.9722
30. Sigma Phi Epsilon	2.9750
31. Chi Phi	2.9906
32. Pi Kappa Phi	3.0021
33. Theta Xi	3.0228
34. Alkamoi	3.0276
35. Sigma Nu	3.0360
36. Alpha Sigma Phi	3.0397
37. Abracadabra	3.0467
38. Oricum	3.0531
39. Psi Upsilon	3.0540
40. Beta Theta Pi	3.0673
41. Bachelordon	3.0681
42. Del Rey	3.0746
43. Zeta Psi	3.0758
44. Pi Alpha Epsilon	3.0856
45. Theta Delta Chi	3.0909
46. Alpha Tau Omega	3.0941
47. Delta Tau Delta	3.1034
48. Delta Kappa Epsilon	3.1099
49. Sigma Pi	3.1169
50. Delta Sigma Phi	3.1221
51. Delta Chi	3.1576
52. Phi Lambda Alpha	3.1764
53. Phi Sigma Kappa	3.1845
54. Phi Kappa Psi	3.2037
55. Lambda Chi Alpha	3.2224
56. Sigma Alpha Epsilon	3.2946
57. Phi Beta Delta	3.3541
58. Kappa Alpha	3.3784
59. Chi Psi	3.3848

In addition there is one organization which lacks representatives in the freshman class, viz.:

Alpha Chi Sigma 2.4665

SORORITIES AND WOMEN'S HOUSE CLUBS

<i>Rank by average grade</i>	<i>Average grade</i>
1. Kappa Kappa Gamma	2.3106
2. Delta Chi Delta	2.3208
3. Norroena	2.3466
4. Kappa Alpha Theta	2.3568
5. Phi Omega Pi	2.3981
6. Sigma Kappa	2.4412
7. Tewanah	2.4557
8. Alpha Phi	2.4560
9. Al Khalial	2.4735
10. Chi Omega	2.4774
11. Newegita	2.4856
12. Alpha Chi Omega	2.4944
13. Keweah	2.5090
14. Delta Zeta	2.5222
15. Kilano	2.5438
16. Phi Mu Delta	2.5531
17. Delta Gamma	2.5593
18. Pi Sigma Gamma	2.5730
19. Zeta Tau Alpha	2.6039
20. Phi Mu	2.6074
21. Theta Upsilon	2.6184
22. Kappa Phi Alpha	2.6225
23. Alpha Xi Delta	2.6531
24. Gamma Phi Beta	2.6983
25. Pi Beta Phi	2.7024
26. Rediviva	2.7111
27. Alpha Gamma Delta	2.7219
28. Alpha Delta Pi	2.7333
29. Alpha Omicron Pi	2.7933
30. Delta Delta Delta	2.8161
31. Alpha Sigma Delta	2.8531
32. Kappa Delta	2.8795

In addition to the organizations whose records are given above there is one which lacks representatives in all four classes:

Alpha Kappa Alpha 2.6363

DISQUALIFICATION OF STUDENTS

Five hundred twenty-one undergraduates were disqualified at the end of the semester, August to December, 1922, because of failure to fulfill the requirements of the ten unit rule. The corresponding number of disqualified students for 1921 was five hundred thirteen.

PROFESSOR LEWIS HONORED

Recognition of the services in the Chemical Warfare Service of G. N. Lewis, Professor of Chemistry and Dean of the College of Chemistry, was accorded by the United States War Department with the award of the distinguished service medal at the Presidio of San Francisco on January 12.

HOWISON LECTURES IN PHILOSOPHY

William Ernest Hocking, Alford Professor of Natural Religion, Moral Philosophy, and Civil Polity at Harvard University, delivered the Howison Lectures in Philosophy on February 5, 6, and 7. This was the first of a series of contemplated Howison Lectures to be given at the University, to be made possible by the income from an endowment fund established by friends and admirers of the late George Holmes Howison during his life as Mills Professor of Philosophy. The subjects of the lectures were as follows: "Naturalism and the Belief in Purpose," "Intuitionism and Idealism," and "Realism and Mysticism."

PASTEUR CELEBRATION

The one hundredth anniversary of the birth of Louis Pasteur was celebrated by the University of California on Thursday evening, February 1, at 8:15 p.m. in Wheeler Auditorium. President David P. Barrows presided. The programme, which was planned to touch upon the more important of the many scientific fields of study pursued by the great scientist, was as follows:

- I. On behalf of the Republic of France. Julien Neltner, Consul General of France.
- II. Pasteur and the Science of Bacteriology. John G. Fitzgerald, Lecturer in Bacteriology; Professor of Hygiene and Preventive Medicine in the University of Toronto.
- III. Pasteur and the Science of Chemistry. Joel H. Hildebrand, Professor of Chemistry.
- IV. Pasteur and the Science and Art of Medicine. William P. Lucas, Professor of Pediatrics.
- V. Pasteur and the Science of Zoology. Charles A. Kofoid, Professor of Zoology.

SATHER LECTURES IN CLASSICAL LITERATURE

Herbert Weir Smyth, Eliot Professor of Greek Literature in Harvard University, Sather Professor of Classical Literature, 1923, delivered the following lectures on Aeschylean Tragedy:

February 28—The Suppliant Maidens.

March 7—The Persians.

March 14—Prometheus.

March 21—The Seven against Thebes.

March 28—The Oresteia: 1. Agamemnon.

The concluding lectures of the series will be as follows:

April 4—The Oresteia: 2. Libation-Bearers.

April 18—The Oresteia: 3. Eumenides.

FACULTY RESEARCH LECTURE

George Rapall Noyes, Professor of Slavic Languages, delivered the tenth annual Faculty Research Lecture on the evening of March 22. His subject was "Russian Literature and Russian Society."

PHILOSOPHICAL UNION LECTURES

January 26—V. F. Lenzen, Instructor in Physics, "The Philosophical Aspects of the Theory of Relativity."

February 23—S. C. Pepper, Instructor in Philosophy, "The Equivocation of Value."

March 30—J. Loewenberg, Associate Professor of Philosophy, "The Metaphysics of Critical Realism."

MISCELLANEOUS LECTURES

February 13—C. Howard Walker, Fellow of the American Institute of Architects, "The Appreciation of Fine Arts and Their Place in Education."

February 19—John H. McCallum, President, State Board of Harbor Commissioners, "The Port of San Francisco."

March 7—Byron Cummings, Professor of American Archaeology in the University of Arizona, "Cuiculeo, the Oldest Temple yet Uncovered in North America."

March 13—Hamilton Holt, formerly Editor of the New York Independent; Director of the Woodrow Wilson Foundation, "The Accomplishment of the League of Nations."

March 14—M. M. O'Shaughnessy, City Engineer of San Francisco, "Engineering Problems of the Hetch-Hetchy Project."

March 28—F. M. Blanchard, Lecturer in Public Speaking, "Julius Caesar."

CHARTER DAY

William Sowden Sims, Rear Admiral, U. S. Navy, Retired, delivered the Charter Day address on the occasion of the fifty-fifth anniversary of the University on March 23, 1923. The degree of Doctor of Laws was conferred by President Barrows on Rear Admiral Sims and the Honorable Elihu Root.

APPOINTMENTS*

Lecturers: L. Mueller, Insurance, from March 17 to May 16; E. J. Sinclair, Law.

Instructors: H. E. Frisbie, Clinical Dentistry; C. E. Post, Clinical Dentistry, from February 1; L. Robinson, Clinical Dentistry, from February 1.

* For the period January 1 to June 30 unless otherwise designated.

Associates: Marguerite Davis, Research Associate in Anatomy; T. R. Kelley, English.

Assistants: Dorothy Atkinson, Pediatrics, from January 15; S. E. Coffey, Anatomy; J. M. Cronin, Philosophy; H. S. King, German; F. M. McKeever, Physiology; Myrl Morris, Pediatrics, from January 15; Julia Outhouse, Household Science; Rena Piper, Pediatrics, from January 15; Ina Richter, Pediatrics, from January 15; R. Rypins, Medicine; M. B. Schmittou, Geography; E. B. Shaw, Pediatrics.

Teaching Fellows: C. Bell, Mathematics, from February 15; C. W. Bryant, Economics; Elizabeth G. Cadwallader, English; R. T. Culey, Accounting; Bernice V. Eddie, Hygiene; W. A. Garrett, English, from February 1; R. T. Hazzard, Geography; Florence A. Hicks, English; Bernardine Keiser, English; R. E. King, Accounting; Anna G. Knapp, Botany; Elinor E. Malie, History; R. W. Prior, Accounting; Madelaine Schreiber, English; R. A. Vandergrift, History; B. W. Wheeler, History.

Assistants in Agricultural Extension: J. E. Coke, Ada L. Day, Margaret E. Plumpton, from January 17; Maryetta Wilson.

Assistant Librarian, Southern Branch: Fannie S. Jenison.

Honorary Curator of the Paleobotanical Collections: R. W. Chaney, Museum of Paleontology.

RESIGNATIONS*

Associate Professor: W. Leslie, Insurance, March 17.

Instructors: E. A. Berendsen, Prosthetic Dentistry, December 24, 1922; H. I. Smith, Prosthetic Dentistry.

Assistants: O. W. Butler, Urology; E. Lynch, Pediatrics, December 8, 1922.

Teaching Fellows: E. Bock, General Literature, February 1; Elizabeth Cadwallader, English, March 15; J. Goldberg, Mathematics, February 15; E. F. Hill, Jr., Economics; E. J. Hills, Mathematics, March 15; T. R. Kelley, English; Alice G. Merrill, Chemistry; L. Porter, History.

Assistants in Agricultural Extension: E. O. O'Brien, October 1, 1922; Carolyn F. Wetzel, January 18.

Kindergarten Teacher, Training School, Southern Branch: Mary E. Douglas, January 20.

Assistant to Dean of Women: Margaret Murdock, March 17.

LEAVES OF ABSENCE†

Professors: E. C. Fleischner, Clinical Professor of Pediatrics, February 15 to June 30; H. S. Quayle, Entomology, Citrus Experiment Station, March 1 to August 31.

Associate Professors: Agnes F. Morgan, Household Science; F. V. Simonton, Operative Dentistry, January 15 to March 1.

* Effective January 1 unless otherwise designated.

† From January 1 to June 30 unless otherwise designated.

Assistant Professor: V. C. Bryant, Agricultural Extension.

Instructors: C. D. Gwinn, Extracting, January 15 to February 20; H. M. Johnston, Extracting, January 15 to February 20.

Assistants: E. L. Bruck, Medicine, January 1 to February 28; E. J. Morrissey, Surgery, December 20, 1922, to January 11.

Assistant Librarian, Southern Branch: Beatrice M. Holloway.

GIFTS

An Alumnus, \$500 to be used by Dr. F. Hinman, Assistant Clinical Professor of Urology, for the support of research in the Department of Urology in the Medical School.

Women's Auxiliary of the American Institute of Mining and Metallurgical Engineers (San Francisco Section), two electric fixtures for the Students' Mining Association Room in Hearst Memorial Mining Building.

To the Arthur Arlett Memorial Scholarship Fund, \$1690 subscribed as follows: John Barneson, \$500; W. E. Creed, \$500; Mrs. Emily A. Baldwin, \$250; W. H. Spaulding, \$150; Leo S. Robinson, \$100; H. H. Cosgriff, \$50; Milton H. Esberg, \$50; George R. Chambers, \$50; Ralph T. Fisher, \$25; S. V. Armstrong, \$25; Guy C. Calden, \$10; M. M. Atkins, \$5.

The Atchison, Topeka and Santa Fé Railway, 25 annual passes, for the year 1923, all, with one exception, issued to members of the College of Agriculture.

The Birthday Club, \$500 for the continuation of the scholarship, during the academic year 1923-24, in honor of the late Professor Henry Morse Stephens, known as the Morse Stephens Scholarship.

Gordon Blanding, San Francisco, \$1000, to be applied toward the support of the Chile Station of the Lick Observatory.

Mrs. W. D. Bliss, San Francisco, a phonograph and records to be used in "Ward D," Children's Ward.

Dr. L. M. Boyers, Berkeley, one copy of MacCallum's *Textbook of Pathology*, second edition, valued at \$10.50, for use in the library of the Department of Zoology.

Dr. Norman Bridge, Los Angeles, \$704.97, to be added to the Edith Claypole Memorial Fellowship.

Dr. Clark Burnham, Berkeley, \$100 as a contribution to the Kofoid Research Fund.

California Farm Bureau Federation, through Mr. V. C. Bryant, \$440, to apply on the account of the Heileman Memorial Fund.

California State Dairy Council, \$1200, for the conduct of the nutrition experiments being carried out in the laboratories under the direction of Dr. Herbert M. Evans, Professor of Anatomy.

Charter Rock Lodge, No. 410, F. & A. M., through Mr. Max A. Plumb, Secretary, \$200, to be credited to the Charter Rock Lodge Masonic Scholarships.

Class of 1916, through E. B. Fuld, Secretary, \$1000, to be added to the fund now held by the Regents, known as the 1916 Memorial Trust Fund.

Employees of the Comptroller's Office, \$50, in support of the annual Christmas celebration for children in the wards of the University Hospital.

Congregation Emanu-El, San Francisco, \$100, as the University's annual contribution to the American School of Oriental Research.

Regent William H. Crocker, \$1200, to be used for the administrative and scientific needs of the Lick Observatory.

District Grand Lodge, No. 4, I. O. B. B., through Mr. Henry Newburgh, \$250, in support of the David Lubin Scholarship for the year 1923.

J. R. Douglas, Lecturer in Public Administration, 77 volumes of works in the fields of economics and political science, to the Southern Branch Library.

From the estate of Mrs. Julia E. Dunn, \$25,000, for the purpose of establishing a fund in the name of Newton Booth for scholarships in political economy.

Edison Storage Battery Supply Company, San Francisco, a five-cell, B-4 Edison storage battery, having a value of approximately \$70, to the Automotive Laboratory of the Department of Mechanical and Electrical Engineering.

Mortimer Fleishhacker, \$1000, to be placed to the credit of the Chile Station of the Lick Observatory.

Dr. J. N. Foree, Associate Professor of Epidemiology, certain specimens comprising some fifteen groups aggregating about twenty objects from Porto Rico, California, Alaska, Fiji, the Philippines, and Japan, to the Museum of Anthropology of this University.

A Friend of the University, \$80, to be credited to the Kofoid Research Fund.

San Francisco Alumnae Chapter of Gamma Phi Beta, and of Eta, through Mrs. Rachel Vrooman Colby, \$250, for the establishment of a scholarship, for the year 1923-24, to be known as the "Gamma Phi Beta Scholarship"; and \$750, for the establishment of a loan fund to be known as the "Gamma Phi Beta Loan Fund."

Garlock Packing Company, San Francisco, an exhibit of the products of that company, valued at approximately \$100, to the new Heat-Power Laboratory of the Department of Mechanical and Electrical Engineering.

Goulds Manufacturing Company, Seneca Falls, New York, through Mr. H. F. Miller, Manager of Advertising, one Hi Speed Plunger Pump valued at \$50; and one Rotary Gear Pump valued at \$20, to the Hydraulic Laboratory of the College of Mechanical Engineering.

Mrs. Hattie Peacock Graham, Fort Worth, Texas, \$100, for the establishment of a loan fund for graduate students in Education.

A. E. Greene, of the Greene Schaw Company, West Berkeley, a Greene Inclined Seat Foot Valve, valued at \$22.30, to the Hydraulic Laboratory of the College of Mechanical Engineering.

Mrs. J. W. Hughes, Los Angeles, 74 volumes comprising chiefly German publications, including 52 volumes, in complete sets, of Heine, Goethe, Schiller, and Lessing; 15 volumes of *Reports* of the United States Geological Survey; and 5 volumes of *Reports* of the Bureau of Ethnology, to the Southern Branch Library.

Albert Sidney Johnston Chapter, No. 79, of the United Daughters of the Confederacy, through Ivy Douglas Ostrom, Treasurer, \$500, to be added to the principal of the Albert Sidney Johnston Scholarship Fund.

Ralph W. Kinney, \$500, to be applied on his Agricultural Scholarship pledge.

Mrs. Mary J. L. McDonald, \$18,000, for the purpose of establishing the "James Monroe McDonald Scholarship No. 5" and the "James Monroe McDonald Scholarship No. 6," each in the sum of \$9000.

Through the courtesy of His Excellency, Shunzi Miyao, Governor of Hokkaido, Sapporo, Japan, fascicles VII, VIII, and IX of the "Icones of the Essential Forest Trees of Hokkaido," published by the Government of Japan.

National Research Council, \$400, in payment of the second installment of the grant given to Dr. Evans, Professor of Anatomy, by the Committee for Research on Sex Problems of the National Research Council.

Grand Parlor of the Native Sons of the Golden West, San Francisco, \$3000, in support of the Native Sons of the Golden West History Fellowship Fund.

Franklin P. Nutting, \$400, to be used by Dr. R. O. Moody, Associate Professor of Anatomy, in certain researches which he is carrying on in the Department of Anatomy in this University.

Pelton Water Wheel Company, San Francisco, through A. T. Parsons, Advertising Manager, two large beautifully framed pictures showing the most modern construction and design of hydraulic turbines, and 27 large pictures showing many interesting hydro-electric design features, the total value of the pictures being approximately \$30, to the Hydraulic Laboratory of the College of Mechanical Engineering.

Mark Requa, some 86 contemporary French pamphlets of the Revolutionary period.

San Francisco-Sacramento Railroad, through Mr. A. J. Mitchell, Vice-President and General Manager, San Francisco, six passes and eight half-fare permits for the year 1923.

E. W. Scripps, \$1700, covering certain expenditures for the years 1922-23 and 1923-24; and \$10,000 for the purpose of establishing a fund for the salary of Professor W. E. Ritter after retirement.

Simplex Machinery Co., Denver, Colorado, through Mr. J. I. Brown, a laboratory model of the Simplex Flotation Machine, to the College of Mining.

Mrs. Fannie C. Smith, \$150, to be added to the Napa Seminary Loan Fund.

Southern Pacific Company, twenty-six passes for the year 1923, issued in favor of members of the faculty of the College of Agriculture, to Dr. Benjamin Ide Wheeler, and to the President of the University.

A. B. Spreckels, San Francisco, \$1000, to be applied toward the support of the Chile Station of the Lick Observatory.

Wm. B. Storey, President of the Atchison, Topeka and Santa Fé Railway System, five cases of books, consisting of the donor's personal engineering library.

Levi Strauss and Company, San Francisco, \$1750, in support of the Levi Strauss Scholarships for the six months ending June 30, 1923.

Irvin J. Wiel, Eli H. Wiel, Alfred L. Wiel, Harry L. Wiel, and Samuel C. Wiel, \$2000, for the purpose of establishing a fund to be known as the Henrietta Hecht Wiel and Lewis P. Wiel Fund.

Edgar M. Wilson, San Francisco, a portrait of Dr. Elwood Mead, Professor of Rural Institutions.

Y. W. C. A., Berkeley, \$1000, to be added to the Y. W. C. A. Alumnae Endowment Fund.

MUSICAL AND DRAMATIC EVENTS

January 22, 29, 30—"Rollo's Wild Oat." Wheeler Auditorium.

February 5, 12, 13—"The Man of Destiny"; "The Proposal." Wheeler Auditorium.

February 8—San Francisco Chamber Music Society. First concert. Wheeler Auditorium.

February 19, 26, 27—"Justice." Wheeler Auditorium.

February 20—"Rollo's Wild Oat." Wheeler Auditorium.

February 22—San Francisco Chamber Music Society. Second concert. Wheeler Auditorium.

March 5, 12, 13—"If." Wheeler Auditorium.

March 8—San Francisco Chamber Music Society. Third concert. Wheeler Auditorium.

March 15—Perry Dilley's Marionettes. Room 11, Wheeler Hall.

March 19, 26, 27—"The Whiteheaded Boy." Wheeler Auditorium.

UNIVERSITY MEETINGS

January 19—Robert Sibley, '03, Executive Manager of the California Alumni Association; President David Prescott Barrows.

March 9—Norman Kemp Smith, Lecturer in Philosophy on the Mills Foundation, Professor of Logic and Metaphysics, University of Edinburgh; Herbert Weir Smyth, Sather Professor of Classical Literature, Eliot Professor of Greek Literature, Harvard University.

March 16—Assemblywoman Esto B. Broughton, '14; Lieutenant-Governor C. C. Young, '92; Senator T. C. West; Assemblyman W. E. Badham; Senator E. J. Gates, '93.

HALF-HOUR OF MUSIC

(Sunday afternoon in the Greek Theatre)

- March 11—Mills College Trio, assisted by Morton H. Gleason, baritone.
 March 18—Joseph Katz, pianist, aged 12 years, pupil of Louis Felix Raynaud.
 March 25—Mrs. Sydney Stoner, contralto, assisted by Mrs. Cochran, violinist.

UNIVERSITY PRESS PUBLICATIONS

PHYSIOLOGY

- Periodic Variations in Cardio-vascular Activities and in Respiratory Rate in Women, by Lillian M. Moore. 5 pp., 1 figure in text.
 A Study of the Nutrition of an Invertebrate, *Planaria maculata*, by Rosalind Wulzen. 9 pp., 4 figures in text.

ZOOLOGY

- The Digestion of Wood by *Teredo navalis*, by Walter H. Dore and Robert Cunningham Miller. 18 pp., 1 plate.
 Variation in the Pallets of *Teredo navalis* in San Francisco Bay, by Robert Cunningham Miller. 12 pp., 2 plates.
 Behavior of the Leaf-nosed Snake *Phyllorhynchus decurtatus*, by Sarah Rogers Atsatt. 10 pp.
 A Systematic List of the Mammals of California, by Joseph Grinnell. 12 pp.
 The Systematic Status of the Mountain Lion of California, by Joseph Grinnell. 8 pp., 2 plates.
 New Subspecies of Birds from Patagonia, by Alexander Wetmore. 5 pp.
 A Comparison of the Cysts of *Endamoeba coli* and *Councilmania* in Congo Red, by Nathaniel Bereowitz, M.D. 7 pp.

*Last issue published. See letter of 12/2/31
from the University on file in Docs. Div.*

UNIVERSITY OF CALIFORNIA
RECORD

VOLUME 3 NUMBER 3

JULY, 1923



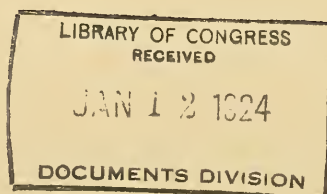
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YEARLY SUBSCRIPTION
ONE DOLLAR

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UNIVERSITY OF CALIFORNIA RECORD

APRIL 1 TO JUNE 30, 1923

Volume 3

JULY, 1923

Number 3

PRESIDENT CAMPBELL ON ADMINISTRATIVE ORGANIZATION

The University is the State of California's largest institution. There are relatively few Californians who realize how large it is. Not only is the number of students very great but there are many departments situated in many places. For example: there are seven departments in San Francisco, there are three or four in Los Angeles, there is Lick Observatory on Mount Hamilton, there is a branch of the Lick Observatory at Santiago, Chile; the Scripps Institution is at La Jolla near San Diego. The agricultural department has many branches: besides the central branch there are divisions at Davis, at Mountain View near San José, at Riverside, in the Imperial Valley; there is the Kearney Farm at Fresno; there are minor interesting divisions of the department at other points. But it is not the size of the institution that especially interests me except as to administrative matters. It is the quality of the institution that is of importance, and the University has splendid qualities. The number of strong men upon its faculties is gratifyingly large. No president, however, can successfully undertake to administer the University without an abundance of help. The president must not perform any duties which can be discharged equally well by others. He must have time for reflection. He must constantly seek a vision of a future University and try to find ways and means to convert the vision into reality. He must give much time and serious thought to the selection of new members of the faculty. He must use the utmost discrimination in the promotion of present members of the faculty. He must hold constantly in mind the raising of standards throughout the departments of the University. If other institutions have any departments which are better than those in the University of California, the President should know this and seek for ways and means to bring our departments up to the standards of those elsewhere.

In order that the President may devote himself to the essential problems of his office, he should surround himself by an able staff of deans and directors. The staff for the coming year has been selected with this in view. The President has aimed high in the filling of these positions. The keystone in the structure of the administration is in two new positions: that of the Dean of the University, filled by Professor Walter Morris Hart; and that of the Assistant Dean, filled by Professor Baldwin M. Woods. Both are positions of great responsibility. In effect, these positions correspond to vice-presidencies. These men are Deans of the University in all its departments wherever they may be located.

The administrative staff follows:

- W. M. HART, Dean of the University.
 B. M. WOODS, Assistant Dean of the University.
 C. B. LIPMAN, Dean of the Graduate Division.
 T. M. PUTNAM, Dean of the Undergraduate Division.
 LUCY W. STEBBINS, Dean of Women.
 J. H. HILDEBRAND, Dean of Men.
 MARY B. DAVIDSON, Assistant Dean of Women.
 GRACE ALLEN, Assistant to the Dean of Women.
 GERTRUDE MATTHEW, Assistant to the Dean of Women.
 P. F. CADMAN, Assistant Dean of Men.
 O. K. McMURRAY, Dean of the School of Jurisprudence.
 M. E. DEUTSCH, Dean of the College of Letters and Science.
 W. W. KEMP, Dean of the School of Education.
 S. DAGGETT, Dean of the College of Commerce.
 C. L. CORY, Dean of the College of Mechanics.
 C. DERLETH, JR., Dean of the College of Civil Engineering.
 F. H. PROBERT, Dean of the College of Mining.
 J. P. BUWALDA, Dean of the Summer Sessions.
 H. L. BRUCE, Dean of the Summer Session in Los Angeles.
 G. MONTGOMERY, Assistant Dean of the Summer Sessions.
 MORSE A. CARTWRIGHT, Manager of the University Press; Assistant
 Director of University Extension, in Charge of Organization.
 JAMES SUTTON, Recorder of the Faculties.
 J. K. FISK, Assistant to the Recorder.
 R. S. MINOR, University Examiner.
 MAY L. CHENEY, Appointment Secretary.
 E. A. HUGILL, Superintendent of Grounds and Buildings.
 J. W. FLINN, Superintendent of the Printing Office and University
 Printer.
 S. J. HUME, Director of the Greek Theatre.
 F. C. STEVENS, President's Secretary.

BECKMAN ENDOWMENT

The sum of \$68,750 for the establishment of a perpetual endowment, the income from which is to provide a professorship of the English Language and Literature, was received by the Finance Committee of the Regents from Mrs. William Beckman, of San Francisco, on April 24.

ALBIN PUTZKER

Albin Putzker, Professor of German, Emeritus, died at his home in Berkeley, on May 1, 1923.

He was born in Austria in 1845 and came to this country at the age of twenty-one. In 1874 he was called to the University of California as Instructor in Modern Languages; his promotion to the Professorship of the German Language and Literature followed in 1883; and after twenty-seven years of service in that capacity he retired in 1910 to devote himself to study and to writing.

Professor Putzker was a linguist of exceptional attainments, a poet of marked lyric talent, a most enthusiastic teacher, and a pioneer in the general modernization of foreign-language instruction. Generations of students remember him with affectionate regard as an extraordinarily stimulating teacher, a friend who took a warm personal interest in them, and a unique personality that was lovable even in its peculiarities.

AWARD OF PRIZES

The President of the University, at Commencement, announced the award of prizes for the academic year 1922-23 as follows:

Irving Prize: J. F. Ross, Class of 1924.

Emily Chamberlain Cook Prize in Poetry: Miss Joy Gerbaulet, Class of 1923.

Richardson Latin Prize: Miss Rigmores Helene Olsen, Class of 1925.

Ramón Jaén Memorial Prize: Mrs. Ina Hill Brinkmeier, a graduate student.

Cooper Prize in Ornithology: no competitors.

Bennett Prize: no competitors.

Civics Prize: no competitors.

Lynip Prizes in Banking: no award.

MUSEUM OF VERTEBRATE ZOOLOGY

Statistics published in the *Journal of Mammalogy* for May, 1923, show that the Museum of Vertebrate Zoology of the University of California possesses the third largest collection of mammals in North America. The United States National Museum stands first, with 204,534 specimens; the American Museum of Natural History, New York City, stands second with 39,640; the Museum of Vertebrate Zoology (which was founded only fifteen years ago, by Miss Annie M. Alexander) stands third, with 33,434 specimens.

MARGARET ANGLIN

Margaret Anglin, the tragedienne, made her seventh appearance in the Greek Theatre of the University of California on May 29 in a new production of the *Hippolytus* of Euripides. The event marked the culmination of several years of study, including a tour through Greece when active preparations for the production were begun.

Miss Anglin first appeared in the Greek Theatre on the evening of June 30, 1910, when, through the courtesy of its management, the Columbia Theatre of San Francisco was closed in order that Miss Anglin and her company might appear at the University in Sophocles' *Antigone*. The incidental music composed by Felix Mendelssohn-Bartholdy was rendered by a symphony orchestra of sixty under the direction of J. Fred Wolle. The costumes were especially designed by Percy Anderson of London.

Three years later Miss Anglin presented Sophocles' *Electra*, with orchestral and choral music especially composed for the occasion by William Furst, and with costumes, accessories, and color scheme designed by Livingston Platt. In August, 1915, Miss Anglin again returned to the University of California where she appeared in the *Electra* of Sophocles; the *Medea* of Euripides; and in two performances of Euripides' *Iphigenia in Aulis*. Walter Damrosch conducted the orchestra in the rendition of his own music composed for the occasion for the *Medea* and the *Iphigenia in Aulis*; and of the music of William Furst for the *Electra*. The costumes and settings again were designed by Livingston Platt. It is estimated that the total attendance at the four productions (including the second production of the *Iphigenia*) exceeded 25,000.

STUDENTS APPOINTED ON NAVAL CRUISE

At the invitation of the Secretary of the Navy, W. B. Bruère, D. F. Dyrsmid, Homer Fahrner, and Albert G. Steltzner, all students registered in the College of Mechanics, were appointed to go on a two weeks' cruise on one of the modern warships of the United States Navy, for the purpose of studying naval installations in operation on a cruising ship.

HONORARY DEGREES

At the Sixtieth Commencement, May, 1923, honorary degrees were conferred by the President of the University upon C. M. Gayley, Professor of the English Language and Literature; W. C. Jones, Professor of Jurisprudence and Dean of the School of Jurisprudence; and G. C. Edwards, Professor of Mathematics, Emeritus. In conferring the degrees, the President used the following characterizations:

GEORGE CUNNINGHAM EDWARDS, graduate of the Class of 1873; for fifty years a devoted son, teacher, and friend of this University; a lover of out-of-doors and a master of camp craft; through all these years a wise counsellor of young men.

CHARLES MILLS GAVLEY, eloquent teacher; critic and composer of the finer types of literature; ardent champion of the traditional ties of our American stock; inspiring companion of men younger in years.

WILLIAM CAREY JONES, graduate of the Class of 1875; builder of a School of Law notable for its scientific spirit; in his mind are joined the virtue of the Roman jurisprudence and the charity of the Christian ideal; a generation of gifted advocates of law call him master.

APPOINTMENTS*

Professors: W. H. Chandler, Pomology; R. G. Gettell, Political Science; T. R. Glover, Sather Professor of Classical Literature (first half-year only); W. W. Kemp, Education; F. H. Orton, Crown and Bridge Work Prosthesis; C. O. Saner, Geography; Helen B. Thompson, Home Economics, Southern Branch; H. H. Vaughan, Italian.

* For the period July 1, 1923, to June 30, 1924, unless otherwise indicated.

Associate Professors: M. Alloo, Music; W. E. Farnham, English; A. H. Mowbray, Insurance; H. S. Smith, Entomology; T. I. Storer, Zoology, Branch of the College of Agriculture at Davis.

Assistant Professors: D. H. Atherton, Mechanical and Electrical Engineering; Sarah H. Bridge, Education and Household Science; P. F. Cadman, Economics; N. G. Edwards, Geology (first half-year only); N. E. A. Hinds, Geology; M. Y. Hughes, English; F. L. Kelly, Public Health Administration; R. H. Kelley, Military Science and Tactics; L. B. Loeb, Physics; J. B. Macelwane, Geology; B. F. Manning, Military Science and Tactics; G. H. Peabody, Military Science and Tactics; H. J. Smith, English.

Instructors: W. R. Dennes, Philosophy; A. K. Dolch, German, Southern Branch; W. Y. Elliott, Political Science; M. D. O'Day, Physics; J. W. Ellis, Physics, Southern Branch; E. L. Proebsting, Pomology; J. B. Ramsey, Chemistry, Southern Branch; G. K. Rollefson, Chemistry; J. G. Sewell, Chemistry, Branch of the College of Agriculture at Davis; C. C. Sheppard, Operative Dentistry; G. R. Stewart, Jr., English; N. W. Taylor, Chemistry.

Clinical Instructors: A. E. Bernstein, Operative Dentistry; Lois Chilcote, Preventive Dentistry; J. H. Frank, Operative Dentistry; C. R. Flagg, Prosthetic Dentistry; W. J. Hawkins, Operative Dentistry; H. Hayashi, Prosthetic Dentistry; C. P. Richard, Dental Porcelain; May M. Scott, Preventive Dentistry; M. Wassman, Jr., Prosthetic Dentistry; E. H. Thompson, Prosthetic Dentistry.

Lecturers: J. Adams, Education; R. S. Boynton, Art; Elizabeth S. Brown, Music; A. J. Hamilton, Education, and Supervisor and Principal of the University Elementary School; J. Laird, Philosophy on the Mills Foundation; Florence Minard, Household Art; Cleo Murland, Education (second half-year only); A. Rowbotham, French; E. O. Sisson, Education; P. Vinogradoff, Jurisprudence (first half-year only).

Associates: Edith S. Anderson, Spanish; C. F. Dunshee, Irrigation Investigation and Practice; E. C. Goldsworthy, Mathematics; J. Leighly, Geography; Madre Merrill, Spanish; R. C. Miller, Zoology; E. Paya, Spanish; R. J. Russell, Geography; H. G. Schenck, Paleontology.

Assistants: W. H. W. Alison, Jr., Agriculture Extension; E. H. Barger, Veterinary Science; R. P. Crippen, Electrical Engineering; Mabel Dorsey, English, Branch of the College of Agriculture at Davis; Eleanor Growe, Mathematics; Margaret Mann, Genetics; A. E. Murphy, Mills Assistant in Philosophy; L. E. Renkema, Electrical Engineering; Henriette Romiguere, French; Margaret Todt, Agriculture Extension (from August 16).

University Infirmary: W. G. Donald, Acting Physician; D. N. Richards, Surgeon; Eva C. Reid, Psychiatrist.

Scripps Institution: T. W. Vaughn, Director of the Scripps Institution for Biological Research.

University Library: M. Jessimine Abbott, Senior Assistant; F. M. Bumstead, Head of Accessions Department; E. J. Carlson, Acting Superintendent of Circulation; Alice M. Charlton, Senior Assistant; R. H. Gjellness, Senior Assistant; Antoinette A. Goetz, Senior Assistant; Christine Price, Senior Assistant; Katherine Wickson, Senior Assistant.

Library, Southern Branch: J. E. Goodwin, Librarian.

Lick Observatory: J. Cosh, Instrument-maker; E. A. Kholodovsky, Assistant; J. D. Sterek, Night Assistant.

Observer in Charge of the Meteorological Station: A. W. Jacobs.

Teaching Fellows: D. Anthony, Economics; Valerie Arnold, Philosophy; Muriel F. Ashley, Physics; Elizabeth Balderston, English; Ruth Barrett, Political Science; Jane F. Baskin, English; A. W. Bell, Zoology; C. Bell, Mathematics; H. C. Blodgett, Psychology; E. Bock, English; H. M. Brown, Physics; A. S. Campbell, Zoology; E. C. Campbell, Political Science; H. M. Cassidy, Economics; G. G. Coope, English; J. A. Crumb, Economics; Evaline Cutler, Psychology; F. D. Daines, Political Science; F. C. Davis, Psychology; E. Davis, Botany; Maurine B. Davis, Philosophy; K. Dameron, Economics; Aurelia Duncan, English; H. O. Elftman, Geology; V. B. Etzenhouser, Economics; S. P. Ewing, Physics; P. L. Faye, Anthropology; L. T. Fournier, Economics; O. W. Freiberg, Economics; L. W. Gardner, Physics; W. A. Garrett, English; A. J. Goldberg, Economics; J. Goldberg, Mathematics; Virginia Graham, Psychology; Winifred P. Graham, Physics; T. Gray, Anthropology; Arda A. Green, Philosophy; E. T. Grether, Economics; P. S. Grant, English; R. P. Hall, Zoology; F. M. Harden, Economics; R. T. Hazzard, Geology; R. W. Hickman, Physics; Florens Hieks, English; Ruth E. Hillyar, English; J. Huddleston, Physics; C. T. Hurst, Zoology; R. A. Jack, Physics; J. H. Jamison, Political Science; S. L. Kaplan, English; H. M. Kater, Zoology; H. Kirby, Zoology; S. W. Leifson, Physics; C. H. Linford, Economics; J. J. Lyons, Philosophy; Jane Mackie, Botany; Carrie Maclay, Economics; J. J. Mahoney, Physics; L. Marshall, Physics; E. L. Marvin, Philosophy; H. Mestre, Zoology; R. P. Miller, Geology; C. Nash, Physics; E. F. Nelson, Botany, to Dec. 31; William Nichols, Geology; W. C. Payne, Philosophy; A. Peebles, Economics; Marion Phillips, English; W. C. Pomeroy, Physics; R. L. Price, Physics; C. Pulskamp, Physics; S. D. Rasmussen, Economics; Alice Ready, Botany; Helen Redfield, Zoology; Catherine Rich, Philosophy; Iola Riess, Philosophy; Zoe Robinson, Political Science; H. G. Romig, Physics; M. S. Schmittou, Geography; Lucille Simmons, Philosophy; L. B. Snoddy, Physics; Anna Sommer, Botany, to Dec. 31; Margaret Stason, Botany; C. Stimson, Economics; L. H. Strong, Zoology; W. B. Strong, Anthropology; E. G. Sutherland, Economics; L. W. Sutherland, Psychology; L. H. Swinford, Mathematics; E. D. Thomas, Political Science; F. W. Thomas, Paleontology; E. Thompson, Economics; Martha Thompson, Zoology; Margaret Thomson, Zoology; R. J. Traynor, Political Science; Joselyn Tyler, Zoology; A. Upton, English; B. W. West, Political Science; D. Wilkinson, Physics; W. F. Wilde, Economics; Ieile Wilson, Anthropology; D. F. Windenberg, Physics.

PROMOTIONS AND CHANGES IN TITLE

Professors Emeritus: C. M. Gayley, English Language and Literature; R. S. Holway, Physical Geography; W. C. Jones, Jurisprudence.

Professors: F. T. Blanchard, English, Southern Branch (from Associate Professor); W. Brown, Psychology (from Associate Professor); H. R. Brush, Romance Languages, Southern Branch (from Associate Professor);

E. A. Hersam, Metallurgy (from Associate Professor); L. H. Miller, Biology, Southern Branch (from Associate Professor); Agnes F. Morgan, Household Science (from Associate Professor); S. G. Morley, Spanish (from Associate Professor); T. Petersson, Latin (from Associate Professor); H. I. Priestley, Mexican History (from Associate Professor); Lucy W. Stebbins, Social Economics (from Associate Professor); R. P. Utter, English (from Associate Professor).

Astronomer: J. H. Moore (from Associate Astronomer).

Clinical Professors: F. Hinman, Urology (from Assistant Clinical Professor); M. B. Lennon, Neurology (from Associate Clinical Professor).

Associate Professors: B. A. Bernstein, Mathematics (from Assistant Professor); A. G. Brodeur, English (from Assistant Professor); E. Buceta, Spanish (from Assistant Professor); T. Buck, Mathematics (from Assistant Professor); T. C. Burnett, Physiology (from Assistant Professor); N. L. Darsie, Education, Southern Branch (from Assistant Professor); A. B. Domonoske, Experimental Engineering and Director of Shops (from Assistant Professor of Mechanical Engineering); H. L. Eby, Education, Southern Branch (from Lecturer); P. B. Fay, French (from Assistant Professor); W. W. Ferrier, Jr., Law (from Assistant Professor); N. L. Gardner, Botany (from Assistant Professor); Kate Gordon, Psychology, Southern Branch (from Lecturer); F. Irwin, Mathematics (from Assistant Professor); E. Landon, Politics (from Lecturer); B. H. Lehman, English (from Assistant Professor); G. M. McBride, Geography, Southern Branch (from Lecturer); C. E. Martin, Government, Southern Branch (from Assistant Professor); W. F. Meyer, Astrophysics (from Assistant Professor); S. B. Mitchell, Library Science (from Lecturer); E. Neuhaus, Art (from Assistant Professor); W. C. Perry, Architecture (from Assistant Professor); E. G. Stricklen, Music (from Assistant Professor); E. C. Tolman, Psychology (from Assistant Professor); D. E. Watkins, Public Speaking (from Assistant Professor).

Associate Clinical Professors: H. W. Allen, Medicine (from Assistant Clinical Professor); L. H. Briggs, Medicine (from Assistant Clinical Professor); W. G. Moore, Obstetrics and Gynecology (from Assistant Clinical Professor).

Assistant Professors: L. M. K. Boelter, Experimental Engineering (from Instructor); Edith Bronson, Pediatrics (from Instructor); Anna P. Brooks, Fine Arts, Southern Branch (from Instructor); W. Diamond, German, Southern Branch (from Instructor); F. Fluegel, Economics (from Instructor); G. L. Foster, Biochemistry (from Instructor); Barbara N. Grimes, Social Economics and Law (from Instructor); G. H. Hunt, Applied Mathematics, Southern Branch (from Instructor); C. E. Kany, Spanish (from Instructor); A. S. Kaun, Russian (from Associate); V. O. Knudsen, Physics, Southern Branch (from Instructor); T. C. McFarland, Electrical Engineering (from Instructor); Alice F. Maxwell, Obstetrics and Gynecology (from Assistant Clinical Professor); R. R. Morse, Geology (from Instructor); G. Z. Patriek, French and Russian (from Instructor); L. H. Peterson, Education (from Associate); G. L. Philp, Pomology (from Instructor); G. R. Robertson, Organic Chemistry, Southern Branch (from Instructor); Esther Rosencrantz, Medicine (from Instructor); E. Z. Rowell, Public Speaking (from Associate); F. M.

Russell, Political Science (from Lecturer); Pauline Sperry, Mathematics (from Instructor); H. W. Stone, Inorganic Chemistry, Southern Branch (from Instructor); A. R. Whitman, Geology, Southern Branch (from Instructor); H. A. Wadsworth, Irrigation Investigations and Practice (from Instructor).

Assistant Clinical Professors: E. W. Twitchell, Neurology (from Instructor); E. I. Bartlett, Surgery (from Instructor) Dorothy A. Wood, Anaesthesia (from Instructor).

Instructors: Susan F. Cobb, English, Branch of the College of Agriculture at Davis (from Associate); W. P. Duruz, Pomology (from Assistant); E. G. Gudde, German (from Associate); Katherine Jones, Landscape Gardening and Floriculture (from Associate); R. H. Sciobereiti, Mathematics and French (from Associate in Astronomy and French).

Associates: H. S. King, German (from Assistant); Myrtle J. Williamson, Freehand Drawing (from Assistant).

LEAVES OF ABSENCE*

Professors: A. L. Kroeber, Anthropology (from January 1 to June 30, 1924); A. F. Lange, Theory and Practice of Education; A. C. Lawson, Geology and Mineralogy; R. T. Legge, Hygiene; G. N. Lewis, Chemistry (from July 1 to Dec. 31); E. Mead, Rural Institutions (from July 1 to Oct. 15); H. C. Moffitt, Medicine (from April 1 to Dec. 31); E. O'Neill, Inorganic Chemistry (from Jan. 1 to June 30, 1924); H. G. Quayle, Entomology, Citrus Experiment Station (from July 1 to Aug. 31); C. A. Rugh, Education; C. F. Shaw, Soil Technology (from July 1 to July 31); A. Smith, Soil Technology; H. E. Van Norman, Dairy Management; C. W. Woodworth, Entomology (from July 1 to Dec. 31).

Associate Professors: B. A. Bernstein, Mathematics (from July 1 to Dec. 31); B. L. Clark, Paleontology; W. Metcalf, Forestry; Mary F. Patterson, Household Art (from July 1 to Dec. 31); E. C. Tolman, Psychology (from July 1 to Dec. 31); F. Traum, Veterinary Science (from July 1 to Aug. 31); E. C. Van Dyke, Entomology (from July 1 to Dec. 31).

Assistant Professors: S. B. Freeborn, Entomology; G. W. Hendry, Agronomy; G. Montgomery, English (from Jan. 1 to June 30, 1924); P. W. Nahl, Freehand Drawing and Art Anatomy (from July 1 to Dec. 31); S. C. Pepper, Philosophy.

Associate: Constance Gray, Chemistry (from April 1 to July 31).

RESIGNATIONS†

Professors: R. J. Leonard, Vocational Education, and Acting Dean of the School of Education.

Assistant Professors: L. Bacon, English; W. G. Bingham, Military Science and Tactics, Southern Branch, December 15; A. Thaler, English; W. J. Wythe, Mechanical Drawing.

* For the period July 1, 1923, to June 30, 1924, unless otherwise indicated.

† Effective July 1, 1923, unless otherwise indicated.

Instructors: S. Hyman, Surgery, March 15; R. F. Newton, Chemistry; Elizabeth Schulze, Roentgenology, April 1; A. Taylor, Obstetrics and Gynecology, May 1.

Associates: R. J. Brower, Mechanical Drawing; I. F. Torrey, Chemistry, Branch of the College of Agriculture at Davis.

Agricultural Extension: E. W. Curtis, Specialist; G. A. Goatley, Assistant; J. F. Grass, Jr., Specialist; E. W. Koch, Assistant, May 1; C. E. Sullivan, Specialist, June 1.

Administration: H. R. Hatfield, Dean of the Faculties; T. F. Hunt, Dean of the College of Agriculture; M. A. Cartwright, Executive Secretary.

P. Steindorff, Choragus; L. K. Wilson, Assistant Curator in Osteology, Museum of Vertebrate Zoology, June 1; Mary House, Assistant in the Lick Observatory; Mrs. A. G. Marshall, Secretary, Lick Observatory; M. A. Silva, Instrument-maker, Lick Observatory.

GIFTS

To the Museum of Anthropology: Joseph Bulmer, 12 arrow points from Calistoga; Delila S. Gifford, 3 South Sea Island specimens; Frank Woods, 15 archaeological specimens from California and Nevada; George Jesse, 13 archaeological specimens from Napa County; Louis Nolaseo, 1 specimen from Napa County; W. T. Clark, 17 Cocopa photographs; C. E. Counter, 5 Fijian and 4 Californian specimens; L. L. Loud, 3 lots of obsidian chips from Yosemite; J. de Angulo, 3 edible roots from Shasta County; Hans Voss, 1 charm stone and 1 stone ring from California; Art Woodward, 7 spear and arrow points from California; I. P. Richardson, 5 artifacts from Nevada; Jesse Peter, 2 artifacts from Sonoma County; W. W. Ahl, 27 prints of Modoc County pictographs and petroglyphs.

Axelson Machine Company, Los Angeles, to the College of Mining, a sectionalized Oil Plunger Pump of an approximate value of \$100.

Baldwin, Mrs. Anita, the loan of two animals to the Division of Animal Husbandry at the University Farm, Davis.

Beckman, Mrs. William, \$68,750, for the purpose of establishing the "Mrs. William Beckman Professorship of English Language and Literature."

Bentley, Mrs. R. I., San Francisco, \$100, as a contribution toward the salary of Dr. Edith Bronson, Assistant Professor of Pediatrics.

Black, Mrs. Spens, Oakland, to the Library of the School of Jurisprudence, approximately 100 volumes, being part of the library of the brother of the donor, Mr. Samuel B. McKee.

Carnegie Corporation of New York, \$5000 per annum for a period of two years, beginning July 1, 1923, for the use of the Chile Station of the Lick Observatory.

Case, J. B., to the Department of Geology of the Southern Branch, a plaster cast of a model of the submarine valley near Redondo.

Chamberlain, Mrs. Selah, Woodside, \$100, as a contribution toward the salary of Dr. Edith Bronson, Assistant Professor of Pediatrics.

Coleman, Miss Persis H., San Francisco, \$500, as a contribution toward the salary of Dr. Edith Bronson, Assistant Professor of Pediatrics.

College Women's Club of Berkeley, \$200, for the support of a scholarship for the academic year 1923-24, to be known as the "College Women's Club of Berkeley Scholarship."

Crocker, Regent William H., an amount sufficient to defray the expenses of an expedition from the Lick Observatory, to observe the total solar eclipse due to occur in the extreme southwestern part of California, in Lower California, and on the mainland of Mexico on September 10, 1923. It is anticipated that the expense of the expedition will fall between \$4000 and \$5000.

Crocker, Regent William H., \$1000, to apply on the expenses of the William H. Crocker Eclipse Expedition to observe the total solar eclipse of September 10, 1923.

Dante Alighieri Society of San Francisco, a local branch of the Italian National Association of Dante Alighieri of Rome, a beautifully bound volume of the *Divine Comedy*, to be placed in the library of the University as a token of appreciation for what the University of California is doing in the interest of the Italian language and literature.

Detroit Lubricator Company, Detroit, Michigan, to the Department of Mechanical and Electrical Engineering, a sectioned Dodge Carburetor, valued at \$15.

Educational Research Committee of the Commonwealth Fund, \$3000, for the purpose of conducting a study of methods of selecting textbooks.

Ellis, Mrs. Elizabeth, Berkeley, \$100, as a gift from her son, Ralph Ellis, Jr., to be expended under the direction of Dr. J. Grinnell, Director of the California Museum of Vertebrate Zoology, in investigation of the cause of death among swans.

Friend of Dr. Sarah I. Shuey, \$5, to be added to the Sarah I. Shuey Memorial Scholarship for Women in Medicine.

Friend of the University, \$250, for the support of a debating scholarship during the academic year 1923-24.

Griffith, Miss Alice, San Francisco, \$200, as a contribution toward the salary of Dr. Edith Bronson, Assistant Professor of Pediatrics.

Gump, S. N. and G., San Francisco, to the Department of Drawing and Art, a portrait of Velasquez, by himself.

Hale Brothers, \$500, as a contribution to the Arthur Arlett Memorial Scholarship Fund.

Heller, Samuel W., \$5000, for the establishment of the "Samuel W. Heller Flower Prize Fund," for the award of a prize to be known as the "Samuel W. Heller Flower Prize."

Hooker, Dr. Martin, San Francisco, \$500, as a contribution toward the salary of Dr. Edith Bronson, Assistant Professor of Pediatrics.

For the William Carey Jones Scholarship in Jurisprudence; \$1769, contributed in the following sums: George W. Worthey, \$10; John L. Simpson, \$10; Charlotte Macgregor, \$10; Southall R. Pfund, \$10; Herbert C. Kelly, \$10; Helen Davis Hersch, \$5; G. Clark, \$50; R. Wagenet, \$10; Blair S. Shuman, \$10; Sumner Mering, \$2; Carlos G. White, \$20; A. M. Kidd, \$100; Barbara and Lyman Grimes, \$50; T. E. Gay, \$5; Eugene M.

Prince, \$10; Enid Childs, \$50; Perry Evans, \$10; R. H. Morrison, \$10; William Denman, \$100; Charles E. Reith, \$5; Lewis K. Underhill, \$10; Paul S. Marrin, \$10; Robert L. McWilliams, \$50; Hiram L. Rieks, Jr., \$5; Allard A. Calkins, \$25; Hugh J. Weldon, \$5; Farnham P. Griffiths, \$25; F. F. Thomas, \$200; Stanley M. Arnott, \$15; Law Association, \$200; Leonard J. Meltzer, \$10; Edwin Meese, Jr., \$10; H. C. Allen, Jr., \$5; Lemuel Sanderson, \$10; J. Harold Wiese, \$10; George P. Costigan, Jr., \$25; Herman Phleger, \$25; Paul A. McCarthy, \$10; W. H. Orriek, \$10; George W. Downing, \$10; Chandler P. Ward, \$10; Aaron E. Rueker, \$10; Feliz J. Jonas, \$10; Frank J. Mountain, \$10; Robert R. Gardiner, \$5; Esto B. Broughton, \$20; William H. Housh, Jr., \$10; Francis Wilson Kidd, \$50; Maurice E. Harrison, \$5; Douglas Van Dyke, \$5; H. F. Orr, \$5; Max Thelen, \$50; W. R. H. Hodgkin, \$2; J. F. Resleure, \$15; J. Harry Jenkins, \$50; William E. Colby, \$100; George W. Moore, Jr., \$10; R. K. Barrows, \$10; Paul Fussell, \$10; James B. Robinson, \$10; Fred C. Hutchinson, \$10; A. G. Tasheira, \$50; Richard M. Lyman, Jr., \$10; E. Ford, \$10; Edward Elliott, \$10; C. D. O'Sullivan, \$10; J. W. S. Butter, \$20; Eugene Trefethen, \$20; Clarence A. Shuey, \$10; William S. Downing, \$10; Archibald B. Tinning, \$10; George W. Cohen, \$5; H. S. Steen, \$10; Arthur Allyn, \$10; B. W. Bosley, \$10; David J. Wilson, \$10.

McLenegan, Samuel B., Berkeley, to the Museum of Anthropology, 15 excellent specimens from Alaska, 4 being from the Athabaskan tribes of the interior, and the remainder from the coast Eskimo.

McVey, C. L., Senior Physician for Men in the University Infirmary, \$157, toward the collection of pollens, to be used in the treatment of hay fever and asthma.

Mackay, Mrs. William, Berkeley, to the University Hospital, a bed of special type.

Marston, Miss Mary G., San Diego, \$100, to the Kofoid Research Fund.

Mee, John Hubert, San Francisco, to the School of Jurisprudence, 116 volumes, constituting a valuable addition to the Law Library.

Metcalf, Dr. M. M., Oberlin, Ohio, \$25, to the Kofoid Research Fund.

Merritt, Ralph P., San Francisco, \$100, as a contribution to the Arthur Arlett Memorial Scholarship Fund.

Noyes, Laverne, Chicago, an amount sufficient to establish for the academic year 1923-24 five scholarships for nurses who served in the army or navy during the war.

Nutting, F. P., San Francisco, \$1000, to the Kofoid Research Fund.

Pim, Frank A., Richmond, Indiana, to the Department of Mechanical and Electrical Engineering, a one foot-candle meter of an approximate value of \$35.

Rabjohn and Moreum, San Francisco, to the Department of Drawing and Art, a painting, "Battersea Bridge," by Whistler.

Sangamo Electric Company, San Francisco, three meters for the Department of Mechanical Engineering.

Sartori, Regent Margaret, \$100, to the University Infirmary, to be used for the purchase of apparatus making possible quick and satisfactory local anaesthesia for operations and for the purchase of apparatus for use in the Department of Physiotherapy of the Infirmary.

Schussler Brothers, San Francisco, to the Department of Drawing and Art, a painting, "The Age of Innocence," by Reynolds.

Sloss, Mrs. Joseph, Mountain View, \$100, as a contribution toward the salary of Dr. Edith Bronson, Assistant Professor of Pediatrics.

Swasey, H. S., Berkeley, to the Department of Drawing and Art, a painting, "The Man with the Glove," by Titian.

Thayer, Mrs. Florence D., Berkeley, \$600, the first annual payment in the establishment of a loan fund for women students, to be known as "The Thaxter Crugier Thayer Memorial Loan Fund for Women Students."

Volkman, Mrs. George F., San Francisco, \$50, as a contribution toward the salary of Dr. Edith Bronson, Assistant Professor of Pediatrics.

Wagner, Carroll M., Los Angeles, to the Department of Geology of the Southern Branch, a collection of fossils.

Ward, Dr. James W., San Francisco, a Dare Hemoglobinometer for use at the Hahnemann Hospital.

Westinghouse Electric and Manufacturing Company, Pittsburgh, Pa., a wireless receiving set for the use of the Lick Observatory and the members of the Observatory community.

PHI BETA KAPPA ADDRESS

Samuel J. Holmes, Professor of Zoology, delivered the annual Phi Beta Kappa address. The subject of his address was *Evolution and the Ethical Idea*.

SPECIAL LECTURE COURSES

HITCHCOCK LECTURES

Lafayette B. Mendel, Ph.D., Sc.D., Sterling Professor of Physiological Chemistry in the Sheffield Scientific School of Yale University, delivered the Hitchcock Lectures for 1922-23 on *Newer Aspects of the Physiology of Nutrition*. Following are the titles of the five lectures in the series:

- April 16—The Science of Nutrition: A Retrospect.
- April 18—The Importance of "Little Things" in Nutrition.
- April 19—The Vitamines.
- April 23—The Protein Factor in Nutrition.
- April 25—The Energy Problem in Nutrition.

Harold Bryant, in charge of Publicity and Research of the California Fish and Game Commission, delivered a series of eight lectures as follows:

- April 9—Geographical Distribution of Plant and Animal Life in California.
- April 11—Common Game Birds of California.
- April 13—The Economic Value of Birds.
- April 16—Game and Fur-bearing Mammals of California.
- April 18—Mammals in Their Economic Relations.
- April 20—Food and Game Fishes and Their Conservation.
- April 23—Past, Present, and Future of Game in California.
- April 25—Methods of Wild Life Conservation.

LECTURES

April 12—Ralph Van Deman Magoffin, Associate Professor of Greek and Roman History, Johns Hopkins University, "An Archaeological Year in Italy and Greece."

April 13—William F. Badé, Dean and Professor of Old Testament Literature and Semitic Languages on the Frederick Billings Foundation, Pacific School of Religion, "A Thousand Years before Abraham."

April 16—David P. Barrows, President of the University, "What We May Not Know"; April 17—"What We May Believe."

April 20—Kenneth J. Saunders, Lecturer in Oriental Religions, and Professor of the History of Religion and Missions in the Pacific School of Religion, "The Beginnings of Buddhist Art."

April 27—Chester C. McCown, Professor of New Testament Literature and Interpretation in the Pacific School of Religion, "Uncovering the Past in Palestine."

April 27—Norman Kemp Smith, Professor of Logic and Metaphysics, University of Edinburgh; Mills Lecturer in Philosophy, "Whitehead's Philosophy of Nature."

EXHIBITIONS

April 16—Exhibition of Jewelry and Enamels by Frank Gardner Hale of Boston. Lecture on "Jewelry and the Craft Movement"—Exhibition Hall, Architecture Building.

UNIVERSITY MEETINGS

April 6—Paul Fletcher Cadman, '15.

April 20—J. G. Baldwin, '23; Katherine H. Boardman, '23; Lois H. Brock, '23; C. A. Bowen, '23; H. L. Day, '23; Zoe King, '23; I. F. LeHane, '23; B. P. McAllister, '23; Gertrude W. Matthew, '23; J. B. Morrison, '23; Dorothy E. Osborn, '23; E. G. Steel, '23; Beatrice C. Ward, '23; and W. W. Monahan, '24.

MUSICAL AND DRAMATIC EVENTS

(Held in Wheeler Hall Auditorium unless otherwise indicated.)

April 2, 9, 10, 13—"The Torchbearers."

April 4—Laurence Seymour and his String Quartette.

April 5—"Le Voyage de M. Perrichon."

April 7—Concert by Grace Cathedral Choir of Boys and Men.

May 26—Dance Concert by Joseph Paget Fredericks. Greek Theatre.

June 2—Euripides' "Hippolytus," produced by Margaret Anglin. Greek Theatre.

June 27, 29—"The Torchbearers."

June 28—Recital. Andre de Ribaupierre and Roberta Felty.

June 30—"The Merchant of Venice," produced by Reginald Travers. Greek Theatre.



HALF-HOUR OF MUSIC

(Sunday afternoon in the Greek Theatre)

April 8—R. O. T. C. Band.

April 15—Therese Zahnatyn, presented by H. B. Pasmore.

April 22—University Orchestra and Treble Clef.

May 6—Merlyn Morse.

May 20—McNeil Club of Sacramento.

June 17—Orpheus Club of Oakland.

June 24—Mrs. Yerbury and Mr. McAdam, presented by Percy Dow.

UNIVERSITY PRESS PUBLICATIONS

AGRICULTURAL SCIENCES

Inheritance of Some Morphological Characters in *Crepis capillaris* (L.)
Wallr., by Venkata Rau. 26 pp., 2 plates, 3 figures in text.

BOTANY

Notes on a Collection of New Zealand Hepaticae, by William Henry
Pearson. 64 pp., 21 plates.

More New Zealand Hepaticae, by William Henry Pearson. 20 pp.,
6 plates.

Parasitic Florideae, II, by William Albert Setchell. 4 pp.

A Revision of the West North American Species of Callophyllis, by
William Albert Setchell. 5 pp

CLASSICAL PHILOLOGY

The Lucretian Hexameter, II, by William A. Merrill. 8 pp.

Subjunctive Conditions in Tacitus, by Herbert C. Nutting. 53 pp.

INTERNATIONAL RELATIONS

The Anglo-Japanese Alliance, by Alfred L. P. Dennis. 111 pp.

SEMITIC PHILOLOGY

Annals of Abû l'Mahâsin Ibn Taghrî Birdî. An-Nujûm Az-Zahirâ fi
Mulûk Misr wal-Kâhirâ, edited by William Popper. Vol. 6, pp. 691-856.

ZOOLOGY

Preliminary Statistical Report on the Occurrence of Marine Copepoda
in the Plankton at La Jolla, California, by Calvin O. Esterly. 17 pp.

Some Tide-water Collections of Marine Diatoms taken at Half-hour
Intervals near San Diego, California, by Winfred Emory Allen. 4 pp.,
1 figure in text.

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