

botany, University of Alabama, chromosome structure in several plant genera; Harold Kirby, Jr., associate professor of zoology, University of California at Berkeley, protozoa of termites; C. L. Turner, professor of zoology, Northwestern University, fishes of the Mexican plateau.

To J. E. Coover, professor of psychology, Stanford University, analysis of expert performance in typing; Warren K. Moorehead, director of the department of archeology, Phillips Academy (Andover), classification of stone-cutting tools of the American Indians of the United States and Canada; S. L. Pressey, professor of educational psychology, and L. C. Pressey, assistant professor of educational psychology, Ohio State University, emotional attitudes and interests among certain tribes of American Indians; Ruth Sawtell Wallis, assistant professor of sociology, Hamline University, cranial types of western Europe.

VERNON KELLOGG,
Secretary

THE NATIONAL ADVISORY COMMITTEE FOR AERONAUTICS

ACCORDING to the *U. S. Daily*, facilities of the Langley Memorial Laboratory of the National Advisory Committee for Aeronautics were made available to members of the nation's aircraft industry on October 22 when the committee at its regular annual meeting passed a resolution favoring such action.

Use of the laboratory for test purposes will be permitted, providing the individual pays the expense, the resolution provided. This action was taken, it was explained orally at committee headquarters, in order that test projects not of general interest to the industry, yet capable of being carried out only at the Langley laboratory, might be conducted for the benefit of individual manufacturers.

Results of such experimental and test work will be turned over to the person requesting the test, it was agreed, but in the discretion of the committee may also be published for general distribution.

Rear Admiral William A. Moffett, chief of the bureau of aeronautics, Department of the Navy, extended the committee an invitation to inspect the new naval airship *Akron*. Considerable research work on airships was conducted by the National Advisory Committee for Aeronautics at Langley Field in conjunction with building of this dirigible.

The committee also adopted a testimonial resolution on the death of Dr. Samuel W. Stratton, late president of Massachusetts Institute of Technology, former director of the Bureau of Standards, one of the three organizers of the committee and a member of the research group since its formation.

Dr. Joseph S. Ames was reelected as chairman and Rear Admiral David W. Taylor (retired) as vice-

chairman. The executive board which was elected consists of Dr. Ames, Admiral Taylor, Dr. Charles G. Abbot, Dr. George K. Burgess, Major General James E. Feechet, Mr. William P. MacCracken, Jr., Brigadier General Henry C. Pratt, Admiral Moffett, Captain Arthur B. Cook, U. S. N., Mr. Edward P. Warner and Mr. Orville Wright.

THE DOHME FOUNDATION AND NATIONAL FELLOWSHIPS AT THE JOHNS HOPKINS UNIVERSITY

IN the first lecture of the 1931-32 series under the Dohme Foundation, given at the Johns Hopkins University on October 23, Dr. Leo Hendrik Baekeland, honorary professor of chemical engineering at Columbia University, addressed the faculty and students of the department of chemistry. Under the title, "My Mistakes," the lecture dealt with the fortunate accidents which have contributed to Dr. Baekeland's long and successful career in chemical research and industry, describing from the speaker's personal experience the adjustments that must be made by a man who carries the spirit of pure research into the industrial field.

The lecture was followed by a dinner given in honor of Dr. Baekeland by the students under the national fellowship plan, in connection with which the Dohme Foundation lectures are conducted. This furnished the first occasion of the academic year for a formal gathering of these students, who now number thirty-one. The new incumbents of national fellowships are: Philip G. Ackerman, from Oregon State Agricultural College, on the American Can Company fellowship for Oregon; C. Gerald Albert, from Yale University, the Mary Carroll Garvan memorial fellowship for Connecticut; R. Keith Blakely, from the University of New Mexico, the Chemical Foundation fellowship for New Mexico; Kenneth W. Brighton, from the University of Utah, American Can Company fellowship for Utah; Harold G. Burman, from Dakota Wesleyan University, Chemical Foundation fellowship for South Dakota; Lawton A. Burrows, from Drury College, William R. Warner and Company fellowship for Missouri; Clayton W. Ferry, from the University of North Dakota, John M. Hancock fellowship for North Dakota; William P. Hall, from Occidental College, American Can Company fellowship for California; Arnold L. Lippert, from the University of Illinois, Central Scientific Company fellowship for Illinois; Robert J. Myers, from Creighton University, Cudahy Packing Company fellowship for Nebraska; James L. Nauman, from Cornell College, G. A. Pfeiffer Company fellowship for Iowa; Charles C. Rainey, from Emory University, Coca-Cola Company fellowship for Georgia.

Subsequent lecturers for this year under the Dohme

Foundation are scheduled as follows: Dr. C. F. Kettering, of the General Motors Corporation, Detroit, Michigan; Dr. Julius Stieglitz, of the University of Chicago; Dr. James F. Norris, of the Massachusetts Institute of Technology; Dr. Gilbert N. Lewis, of the University of California; Dr. Irving Langmuir, of the General Electric Company, Schenectady, N. Y.; Professor Alfred Stock, of the Technische Hochschule, Chemisches Institut, Karlsruhe, Germany, and Professor Simon, of the University of Breslau.

THE LOWELL LECTURES

THE Lowell Institute program of free public lectures for 1931-32, the ninety-second year of the Boston foundation, is announced by President A. Lawrence Lowell, trustee, and Professor W. H. Lawrence, curator. The lectures began on October 26, and will end during the latter part of March.

According to a statement in the Boston *Evening Transcript*, there are nine courses scheduled, a total of sixty-one lectures, or about the usual number. The opening date is nearly four weeks later than the opening of the season of last year and two weeks later than the season of two years ago. Five of the lecturers are coming from abroad and two are from Harvard University.

The first course, to be given on Mondays and Thursdays at five o'clock in the afternoon, began on Monday October 26. It is by Dr. F. van Bemmelen, formerly professor of zoology at the University of Groningen, the Netherlands, on "Color and Shape in the Living World." The topics are as follows:

1. The Development of the Color-Pattern and the Veins on the Wings of Butterflies.

2. The Relations of Skin-Design between Caterpillar, Pupa and Butterfly.

3. A Natural Explanation of the Origin of Mimicry in Butterflies.

4. The General Plan of Skin-Design in Mammals.

5. The Phenomenon of Second-Self in Man, Explained by Heredity of Family Likeness.

6. The Heredity of Curly Hair in Man, Studied by Means of Portraits.

7. The Ancestral Table and the Parentela: the Two Principal Methods for the Study of Human Family Descent.

8. Sexual and Asexual Propagation, in Their Relation to the Cell Theory.

Second on the list is a course of six lectures with illustrations by Dr. W. de Sitter, director of the observatory and professor of astronomy at the University of Leiden, on "The Development of our Insight into the Structure of the Universe." This course will be delivered on Tuesdays, Fridays and Saturdays at 8 P. M., and began on Tuesday, November 3. The topics are as follows:

1. Aims and Methods of Scientific Research. The Ancients. Ptolemy and Copernicus.

2. The Birth of Modern Astronomy: Kepler, Galileo, Newton. The Eighteenth Century.

3. The Beginning of Sidereal Astronomy: William Herschel and His Successors.

4. Further Observational Advances. The Survey of the "Local System": Lifework of J. C. Kapteyn.

5. Photography and Spectroscopy. The Great Telescopes. Extragalactic Systems.

6. Relativity and Modern Theories of the Universe.

SCIENTIFIC NOTES AND NEWS

THE Nobel Prize in medicine and physiology for 1931 has been awarded to Professor Otto Warburg, head of the department of biology of the Kaiser Wilhelm Institute, for his work on cellular metabolism.

THE Perkin Medal Committee of the American section of the Society of Chemical Industry has awarded the Perkin Medal for 1932 to Dr. Charles F. Burgess, of the Burgess Laboratories, Madison, Wisconsin, for his achievements in the field of electrochemistry. The medal will be presented to Dr. Burgess at a meeting in New York on January 8.

MASANI NAGATA, the Japanese melon farm foreman and amateur astronomer, has been awarded the Donohoe Comet Medal by the Astronomical Society of the Pacific for his discovery last July.

DR. WALDEMAR C. BRÖGGER, professor emeritus of geology at the University of Oslo, Norway, will celebrate his eightieth birthday on November 10.

DR. H. FOSTER BAIN, who resigned recently as secretary of the American Institute of Mining and Metallurgical Engineers to become managing director of the Copper and Brass Research Corporation, received a gold watch from the officers and directors of the institute at the monthly dinner and meeting of the New York section at the Hotel Commodore on October 28. The speakers included Mr. J. V. W. Reynnders and Mr. E. DeGolyer, past presidents of the institute, Mr. A. B. Parsons, the incoming secretary, and Dr. Bain.

AFTER a letter from Lord Beauchamp to the University of London Graduates' Association announcing his resignation as chancellor of the university had been read at a meeting of the council, it was resolved unanimously to invite Lord Moynihan, president of the Royal College of Surgeons of England, and a graduate of the university, to accept the association's nomination for the office of chancellor.