

SCIENTIFIC EVENTS

PRIMITIVE AREAS IN THE WASHAKIE
NATIONAL FOREST IN WYOMING

THE Forest Service announces the formal approval and designation of two primitive areas within the Washakie National Forest in Wyoming. These will be known as the Glacier and the Stratified Primitive Areas, and contain 108,500 and 147,000 acres, respectively. The latter-named tract is situated in the extreme northern part of the forest, in a country characterized by broad flat-topped plateaus, cut away in places by deep, narrow canyons.

The Glacier Primitive Area lies on the east slope of the Continental Divide, or Wind River Range, near the central part of the Washakie Forest, and adjoins on the east the Bridger Primitive Area, containing 138,000 acres of land on the western slope of the Continental Divide. The two combined contain nearly 250,000 acres of rugged, mountainous land that can scarcely be surpassed for scenic grandeur and beauty.

Glacier Primitive Area is within an extremely rough and rugged region, containing innumerable Alpine lakes and some of the largest living glaciers within continental United States. It is the home of the largest herd of mountain sheep left in Wyoming. Its mountains include Fremont and Gannett Peaks—the two highest in the state. The canyons are extremely deep and precipitous.

The Stratified Primitive Area has been built up of eruptive rock from the Mt. Washburn volcanic area, in the Yellowstone Park, and Lava Mountain, at the head of Wind River. This eruptive material has been laid down in horizontal strata which are unstable and break down irregularly, often resulting in step-like precipitous cliffs and buttes, separated by many narrow valleys.

The abundance and tameness of wild life lends charm to the surroundings. This is the chief summer range of the Wind River elk herd of about 1,500 head. Deer are also plentiful. Mountain sheep and moose are often seen. The unit is also rich in the petrified remains of forests of earlier geologic times. Sections of petrified trees may be found in streams and standing petrified tree trunks may be seen elsewhere.

The designation of these lands as primitive areas means that they will be retained virtually in their natural state, and no motor roads, summer homes, resorts or other forms of settlement will be permitted within their boundaries. These areas are admirably adapted for the purpose for which they have been selected and will afford opportunities for present and future generations to visit and enjoy a wonderfully scenic region unchanged by modern civilization.

THE ANNUAL REVIEW OF BIOCHEMISTRY

THE first volume of the *Annual Review of Biochemistry*, published on May 3, is the introductory number of a new publication in the field of biochemistry. It is the purpose of the *Review* to present for the use of biochemists, physiologists, agricultural, organic and medical chemists, and scientists in related fields, annual and biennial surveys of the literature in biochemistry. Thirty to thirty-five subjects of major interest will be reviewed. The work is of international authorship, contributors having been selected from this country, Canada, Great Britain and continental Europe. The names follow: R. J. Anderson, M. L. Anson and A. E. Mirsky, W. R. Bloor, J. L. Bollman and F. C. Mann, L. R. Cerecedo, J. B. Collip and D. L. Thomson, Hans Fischer and F. W. Neumann, R. A. Gortner, L. J. Harris, M. Heidelberger, D. R. Hoagland, R. Hober, E. G. Holmes, N. N. Ivanov, P. Karrer and A. Helfenstein, H. D. Kay, P. A. Levene and A. L. Raymond, H. B. Lewis, J. M. Luck, Joseph Needham, J. Parnas, R. Robinson, W. C. Rose, L. Ruzicka, C. L. A. Schmidt, P. A. Shaffer and E. Ronzoni, C. P. Sherwin, A. T. Shohl, I. Smedley-MacLean, Arthur H. Smith, H. A. Spöhr, M. Stephenson, H. B. Vickery, E. Waldschmidt-Leitz, A. Windaus and R. Wurmser.

The *Review* is being published under the direction of an Advisory Committee consisting of C. L. Alsberg, D. R. Hoagland, J. Murray Luck (Chairman and editor) and C. L. A. Schmidt, and with the financial support of the Chemical Foundation.

The first volume covers the literature of 1930 and 1931 with the exception of several reviews which pertain strictly to material published in 1931. It is of 730 pages and contains approximately 3,850 bibliographic references. The volume is published by Stanford University Press.

THE SIGMA XI CHAPTER OF THE UNIVERSITY OF ILLINOIS COLLEGE OF
MEDICINE

THE annual meeting of the Sigma Xi Chapter of the College of Medicine, University of Illinois, was held on May 12. Fifteen members and twenty-two associate members were elected.

Dr. F. R. Moulton, past president of the National Society, was present and addressed the meeting. Dr. L. B. Wilson, national president, also gave an address. The Northwestern Chapter was represented by Dr. L. B. Arey, professor of anatomy, and president of the chapter. Professor E. S. Bastin represented the University of Chicago Chapter.

The scientific program was:

"New Studies on the Thyroid Gland," Dr. G. Zechel.

"The Histogenesis of the Valvular Lesions in Endocarditis Lenta (Subacute Bacterial Endocarditis)," Dr. R. H. Jaffe.

Each year the Sigma Xi presents a prize to the student doing the most important research during the year. This competition is confined to undergraduates. The prize this year was awarded to Edgar A. Thacker—subject: "For a Study of the Physiological Action of Irradiated Ergosterol."

The University of Illinois College of Medicine is the only independent chapter connected with a medical college. There is, however, a similar organization at the Mayo Institute. The University of Illinois and the University of Minnesota are the only universities each having two distinct chapters.

The officers elected for the coming year are:

Charles S. Williamson, *President*.

W. J. R. Camp, *Vice-president*.

Isadore Pilot, *Treasurer*.

William H. Welker, *Secretary*.

NATIONAL RESEARCH FELLOWSHIPS IN THE BIOLOGICAL SCIENCES

THE second and final meeting of the Board of National Research Fellowships in the Biological Sciences for the award of 1932-33 appointments was held in Washington on April 28 and 29. In addition to the eleven reappointments and twelve new appointments voted at the February meeting, nineteen further reappointments and twenty-four first appointments were made at the current meeting, as follows:

REAPPOINTMENTS

For domestic study—Bachus, Myron P., agriculture; Bayroff, Abram G., psychology; Carpenter, C. Ray, psychology; Clarke, Alfred E., agriculture; Claus, Walter D., zoology; Craig, Lyman C., zoology; Dexter, Stephen T., agriculture; Garvey, Chester R., psychology; Hol-laender, Alexander, botany; Lammerts, Walter E., botany; Leonard, Samuel L., zoology; McClintock, Barbara, botany; Nelson, Warren O., zoology; Saeger, Albert C., botany; Snell, George D., zoology; Stone, Raymond G., zoology; Zscheile, F. P., Jr., botany.

For study abroad—Graubard, Marc A., zoology; Valentine, J. Manson, zoology.

NEW APPOINTMENTS

For domestic study—Bond, R. M., zoology; Boughton, D. C., agriculture; Burkholder, P. R., botany; Casida, L. E., agriculture; Drayton, F. L., botany; Fry, G. A., psychology; Glass, H. B., zoology; Horton, G. P., psychology; Jackson, Theodore A., psychology; Kaufmann, B. P., botany; Kerr, Thomas, botany; Miller, E. S., botany; Morsh, J. E., psychology; Phelps, Austin, zoology; Riley, H. P., botany; Schubert, H. J. P., psy-

chology; Shaw, Luther, agriculture; Smith, William K., agriculture; Taylor, G. W., zoology; Tharp, W. H., agriculture; Wolfe, J. B., psychology.

For study abroad—Mandelbaum, May, anthropology; Smelser, G. K., zoology; Wald, George, zoology.

THE AMERICAN ACADEMY OF ARTS AND SCIENCES

At the annual meeting of the American Academy of Arts and Sciences held at Boston on May 11, the following new fellows were elected in the scientific classes:

Class I—Mathematical and Physical Sciences

Clarence Raymond Adams, Brown University.

Albert Arnold Bennett, Brown University.

Glennon Gilboy, Massachusetts Institute of Technology.

Albert Haertlein, Harvard University.

Einar Hille, Princeton University.

Ralph Restieaux Lawrence, Massachusetts Institute of Technology.

Kenneth Lamartine Mark, Simmons College.

Walter Cecil Schumb, Massachusetts Institute of Technology.

David Vernon Widder, Harvard University.

Class II—Natural and Physiological Sciences

Joseph Charles Aub, Harvard Medical School.

Franklin Greene Balch, Boston.

Elliott Carr Cutler, Harvard Medical School.

Frederick Kuhne Morris, Massachusetts Institute of Technology.

David Rapport, Tufts College.

Ralph Hartley Wetmore, Harvard University.

FOREIGN HONORARY MEMBERS

Frederick Orpen Bower, Ripon, England.

Kingo Miyabe, Sapporo, Japan.

Albert Charles Seward, Cambridge, England.

The following officers were reelected:

President, Jeremiah D. M. Ford.

Vice-president (for Class I), Harry M. Goodwin.

Vice-president (for Class II), Walter B. Cannon.

Vice-president (for Class III), Edwin F. Gay.

Vice-president (for Class IV), Charles B. Gulick.

Corresponding Secretary, Tenney L. Davis.

Recording Secretary, Walter E. Clark.

Treasurer, Ingersoll Bowditch.

Librarian, Alfred C. Lane.

Editor, Herbert V. Neal.

PORTRAIT OF PROFESSOR HUBER

DR. G. CARL HUBER, professor of anatomy, director of the anatomical laboratories and dean of the Graduate School of the University of Michigan, was honored in special ceremonies by the students, friends and colleagues, on May 16, when a portrait in oil of himself was presented to the university.

Dr. Frederick G. Novy on behalf of the donors in