

The Kawishiwi Experimental Forest, comprising 2,635 acres, is about thirteen miles southeast of Ely, Minnesota, within the Superior National Forest. The three most important timber types on the Superior National Forest, and in the region immediately surrounding that forest, are represented within the experimental area. This portion of Minnesota is a distinct climatic region and the rock outcrop soil is unique in the Lake States. The result of studies made elsewhere in the Lake States Region can not be definitely applied to this large area of forest land and it is largely for the purpose of studying the proper methods of handling the jack pine, black spruce and aspen types that this experimental forest was established.

The federal forest research work in the Lake States Region is handled by the Lake States Forest Experiment Station which is maintained by the Federal Government in cooperation with the University of Minnesota at St. Paul. A branch station has been maintained for several years on the Chippewa National Forest. The designation of the Cutfoot and Pike Bay Experimental Forests will make it possible to concentrate the studies within the two areas, thus permitting a more efficient conduct of the studies and a more effective demonstration to the timberland owners in the vicinity who are interested in managing their own timber lands for the permanent production of timber. A branch station has also been established on the Superior National Forest and the designation of the Kawishiwi Experimental Forest is in furtherance of the research work at this branch station.

The Lake States Forest Experiment Station also maintains branch stations at Ruse, Michigan; Roscommon, Michigan (a fire studies station in cooperation with the State of Michigan); in Buffalo County, Wisconsin (for the study of erosion), and in North Dakota for the development of planting technique on the prairie regions of that state.

AWARDS OF THE AMERICAN MEDICAL ASSOCIATION FOR EXHIBITS AT THE NEW ORLEANS MEETING

CLASS I

AWARDS in Class I are made for exhibits of individual investigations, which are judged on the basis of originality and excellence of presentation. According to the report in the *Journal* of the American Medical Association they were:

The gold medal to Frank A. Hartman, C. W. Greene, J. J. Maisel and G. W. Thorn, University of Buffalo, for original investigative work on the development and use of a hormone from the suprarenal cortex and excellence of presentation.

The silver medal to C. W. Emmons, College of Physi-

cians and Surgeons, Columbia University, New York, for original work on the variations in ringworm fungi and excellence of presentation.

The bronze medal to J. A. Bargaen, P. W. Brown and H. M. Weber, Mayo Clinic and Mayo Foundation, Rochester, Minnesota, for original investigation of diseases of the colon and excellence of presentation.

Certificates of Merit, Class I, were awarded to the following:

To Abraham Levinson, Chicago, for exhibit illustrating continuation of investigations on the cerebrospinal fluid.

To Alton Ochsner, Earl Garside and Ambrose Storek, department of surgery, Tulane University Medical School, New Orleans, for exhibit illustrating the use of digestive ferments in prevention of adhesions.

To Sidney J. Wilson and Simeon H. Hulsey, Fort Worth, Texas, and Fred D. Weidman, Philadelphia, for exhibit illustrating excellent studies on chromoblastomycosis in Texas.

In addition, the following exhibit is deemed worthy of Honorable Mention:

That of John W. Towey, Powers, Michigan; Willis H. Huron, Iron Mountain, Michigan, and Henry C. Sweany, Chicago, for exhibit on occupational sensitization to fungus spores found in maple bark.

CLASS II

Awards in Class II are made for exhibits which do not exemplify purely experimental studies and which are judged on the basis of excellence of correlating facts and excellence of presentation. They were:

The gold medal to Max Ballin and Plinn F. Morse, Harper Hospital, Detroit, for excellence in presentation of exhibit on parathyroidism.

The silver medal to L. G. Rowntree and C. H. Greene, Mayo Clinic and Mayo Foundation, Rochester, Minnesota, for excellence of presentation of exhibit of comprehensive study on Addison's disease.

The bronze medal to Ernest Carroll Faust, department of tropical medicine, Tulane University Medical School, New Orleans, for excellence of presentation of exhibit on human helminth infections.

Certificates of Merit, Class II, were awarded to the following:

To Chevalier Jackson and Chevalier L. Jackson, Temple University School of Medicine, Philadelphia, for excellence of presentation of exhibit illustrating tumors of the lungs and tracheobronchial tree.

To Frank C. Neff, D. N. Medearis and Margaret Anderson, department of pediatrics, University of Kansas School of Medicine, Kansas City, for excellence of presentation of exhibit illustrating a study of the newly born.

To Henry F. Vaughan, Detroit Department of Health, Detroit, for excellence of presentation of exhibit illustrating plan of medical participation of the general practitioner in a public health program.

In addition, the following exhibits are deemed worthy of Honorable Mention:

That of Francis Clark Grant, University Hospital, Philadelphia, for excellence of demonstration of exhibit on ventriculography.

That of O. E. Denney, National Leprosarium, Carville, Louisiana, for exhibit on leprosy. (This work has been recognized by awards at previous scientific exhibits of the American Medical Association.)

The Committee on Awards commended especially the group exhibit of the Mayo Clinic and Mayo Foundation as a model of presentation, the excellent demonstrations given in the special exhibits on poliomyelitis, on cancer and on physical therapy.

A special Certificate of Merit was awarded to the American Society for the Control of Cancer for a co-operative exhibit on cancer as the best exhibit in the educational (national organizations) classification.

AWARDS TO ENGINEERS IN ENGLAND

It is announced in *Nature* that the British engineering societies have made awards as follows:

The Council of the British Institution of Civil Engineers has made the following awards for papers read and discussed at the ordinary meetings during 1931-32: The Telford Gold Medals to Dr. C. F. Jenkin, emeritus professor of engineering science in the University of Oxford, and to Sir Bernard D'O. Darley, of Bahawalpur, India; the Stephenson Gold Medal to B. G. White, London; a Telford premium jointly to H. C. Whitehead, Birmingham, and F. R. O'Shaughnessy, Birmingham; Telford premiums to Raymond Carpmal, London, H. J. Deane, London, John Goodman, Skipton; a Manby premium jointly to W. F. Stanton, Bishops Castle, and A. G. Le Clercq, Walton-on-Thames; a Trevithick premium to W. C. Ash, Vizagapatam, India.

The Council of the British Institution of Electrical

Engineers has made the following awards of premiums for papers read during the session 1931-32, or accepted for publication: Institution premium to J. Bruce; Ayrton premium to F. Lydall; Fahie premium to H. Kingsbury and R. A. Goodman; John Hopkinson premium to H. W. Clothier; Kelvin premium to Professor W. M. Thornton and Dr. W. G. Thompson; Paris premium to E. W. Dickinson and H. W. Grimmer; extra premiums to H. Blades and A. C. MacQueen; R. O. Kapp and C. G. Carrothers; Dr. F. Luschen, H. Pearce and T. T. Evans; E. A. Watson, Major E. H. E. Woodward and W. A. Carne. Wireless section premiums: Duddell premium to T. L. Eckersley; extra premiums to B. S. Gossling, J. A. Ratcliffe, L. G. Vedy and A. F. Wilkins. Meter and Instrument Section premiums: Silvanus Thompson premium to Professor J. T. MacGregor-Morris and H. Wright; an extra premium to S. H. C. Morton.

Two awards of the Gold Medal of the Institution of Mining and Metallurgy, the highest distinction in its power to confer, have been made: (a) Sir Harold Carpenter, in recognition of his eminent services in the advancement of metallurgical science and technology; (b) Dr. Thomas A. Rickard, in recognition of his services in the general advancement of mining engineering, with special reference to his contributions to technical and historical literature. The following awards have also been made: The Consolidated Gold Fields of South Africa, Ltd., Gold Medal to P. J. Crowle for his investigations on ground movement and methods of support in deep mines, Kolar Gold Fields; The Consolidated Gold Fields of South Africa, Ltd., premium of forty guineas to Professor Bernard W. Holman for his work on flotation reagents; the William Frecheville Student's Prize of ten guineas to Gilbert F. Hatch for his paper on "Check Sampling of Diamond Drill Holes at the Trepea Mines, Yugoslavia."

SCIENTIFIC NOTES AND NEWS

THE Manson medal for tropical medical research, given triennially by the Royal Society of Tropical Medicine and Hygiene, has this year been awarded to Dr. Theobald Smith, who recently retired as director of the department of animal pathology of the Rockefeller Institute for Medical Research. The previous recipients of the Manson medal have been Sir David Bruce (1923), Senator Ettore Machiavava (1926) and Sir Ronald Ross (1929).

THE Lister Medal of the Royal College of Surgeons for distinguished contributions to surgical science has been awarded to Sir Charles Ballance, who will deliver the Lister Memorial Lecture at the college in 1933.

THE Hungarian Academy of Sciences has elected as foreign member Sir Arthur Eddington, Plumian professor of astronomy at the University of Cambridge and director of the Cambridge Observatory.

At the annual convocation of McGill University on May 26, honorary degrees were conferred on Surgeon-General Robert Hugh Patterson, U. S. Army; Dr. Alfred North Whitehead, professor of philosophy at Harvard University, and Dr. J. S. Plaskett, director of the Dominion Astronomical Observatory.

THE presentation of the Mendel Medal will be made on June 7 at the commencement exercises of Villanova College to Francis P. Garvan, of New York, in recognition of his contributions to scientific progress. Former winners of the award have been Dr. John A. Kolmer, professor at the University of Pennsylvania; Dr. Albert F. Zahm, of the Congressional Library at Washington, and Dr. Karl F. Herzfeld, of the Johns Hopkins University.

PROFESSOR WILLIAM MUNDELL THORNTON, who holds the chair of electrical engineering at Armstrong College, Newcastle-on-Tyne, has been awarded the