

called. This will be the first meeting of the committee since the beginning of the war. The committee has been requested to make recommendations on the following subjects:

Amendment of the present definitions and standards of identity for cheddar, washed curd and colby cheeses to require that they be made from pasteurized milk or that they be stored for specified periods before they are marketed.

Adoption of definitions and standards of identity for additional cheeses such as Swiss, brick, limburger, etc.

Adoption of definitions and standards of identity for various process cheeses and related products, such as cheese foods, cheese spreads, etc.

Adoption of definitions and standards of identity for various foods prepared from corn, such as corn meal, bolted corn meal, degerminated corn meal, corn flour, enriched corn meal, enriched grits, etc.

Due to existing governmental travel restrictions the committee will hold no open meetings but invites any interested person, particularly members of industries, representatives of trade associations, consumer organizations, state and city officials, to transmit by mail any suggestions, recommendations or factual data bearing on the subjects to be considered. Such communications should be addressed to Joseph Callaway, Jr., secretary, Food Standards Committee, Food and Drug Administration, Washington 25, D. C., and should arrive before June 9.

A more detailed outline of the particular questions in connection with the foods under discussion about which the committee would particularly like expressions of opinion, can be obtained from the secretary of the committee.

The Food Standards Committee is made up of four state enforcement officials and two members of the Food and Drug Administration. These are Mrs. F. C. Dugan, director of the Bureau of Food, Drugs and Hotels, of the Kentucky State Department of Health; Guy G. Frary, director of the Division of Inspections of the South Dakota Department of Agriculture and State Chemist; J. J. Taylor, State Chemist of the Florida Department of Agriculture; Dr. Wm. F. Reindollar, chief of the Bureau of Chemistry of the Maryland Department of Health. The members of the Food and Drug Administration are Dr. W. B. White, chief of the Food Division, and W. A. Queen, chief of the Division of State Cooperation, who is chairman of the committee.

Preliminary consideration by the committee of problems connected with formulation of standards for these foods should not be confused with public hearings which must be held as required by law before standards for these foods can be adopted.

THE BELL TELEPHONE LABORATORIES AT MURRAY HILL, N. J.

As soon as war restrictions permit, the facilities of the Bell Telephone Laboratories at Murray Hill, N. J., will be greatly augmented, according to an announcement made by Dr. Oliver E. Buckley, president of the laboratories. The proposed addition is of approximately the same size as the initial buildings, which were opened in 1941 and cost more than \$2,000,000. The new building will extend the lines of the present one about five hundred feet in a northeasterly direction. Old and new buildings will be joined by a bridge with a sheltered bus terminal beneath.

Since the present building was opened in the fall of 1941, about one hundred groups from varied industries, Government departments and some from abroad have come to study its new features. The unique requirement of a laboratory is that it must be designed for change. Prominent among new features which visitors come to see are the quickly movable partitions and the ease with which wires, cables and pipes may be installed or removed and yet concealed from view.

There are no permanent partitions in the buildings except those around the stair wells and elevator shafts. All others are built of easily movable metal panels. The outside surfaces of these units are sheet steel and they are separated by a three-inch space which is packed with rock wool to prevent the transmission of sound and heat. Doors and transoms are made in one unit which can be interchanged with a partition in any part of the buildings. Along the outside wall of the buildings there is sheet-steel wainscoting under the windows and up the piers between them. This is the same in appearance as the partition panels. The wainscoting is removable without special tools to give access to service pipes and wiring which are installed behind it. Similar wainscoting is applied around interior columns.

At intervals, small wings jut out from the main building, providing well-lighted offices for physicists, chemists and engineers conveniently close to their laboratories. Shops, library, medical department and restaurant all fit into the pleasing functional pattern. The fields and woods, courtyards and shaded lawns all tend to make it a pleasant place in which to work.

People are all important to an institution whose products are discovery, invention and design—creations of the intellect. In choosing this two-hundred-acre site the Bell Telephone Laboratories management sought a pleasant and healthful countryside in the midst of desirable home communities which spread over a wide area in towns along the Orange Mountain Range and the adjoining valleys. There is no inten-

tion of creating a company community in the immediate vicinity of the buildings. Murray Hill is about twenty-five miles from New York headquarters.

The executive offices of the Bell Telephone Laboratories will continue to be at 463 West Street, New York City, and a majority of the employees will continue to work there. With the addition at Murray Hill, however, about two thousand employees will work at the new location compared with more than one thousand employed there during the war. This will include all the research work and most of the work of apparatus development.

Though designed for peace-time use, the present new laboratory opened just as war was breaking and its new and adaptable space proved to be a great aid to Bell Laboratories' war service. Within its walls scores of war projects have been started, some small and completed quickly, others large and expanding from a room to whole sections of the building. The completion of the Murray Hill building project will find the Bell Telephone Laboratories well equipped to design better and more economical telephone and radio equipment for the Bell Telephone System. It will also be ready and equipped to continue its record of achievement in developments for the Army and Navy as they may have need for its services in the future.

THE WISCONSIN JUNIOR ACADEMY OF SCIENCE

APPROXIMATELY two hundred delegates from the clubs of the high schools in the Milwaukee area of the Wisconsin Junior Academy of Science met on May 20 at Marquette University to present scientific papers and demonstrations based on research work in high school. Two annual honorary memberships in the American Association for the Advancement of Science and several annual memberships in the Wisconsin Academy of Sciences, Arts, and Letters were awarded.

The Wisconsin Junior Academy of Science was formed last fall, under the joint sponsorship of the University of Wisconsin and the Wisconsin Academy of Sciences, Arts, and Letters, for the purpose of the discovery and development of scientific talent among the high-school pupils of Wisconsin. The project is under the supervision of Dr. John W. Thomson, assistant professor of botany at the University of Wisconsin. The organization is comprised of members of high-school science clubs from the entire state.

To supplement its work in encouraging individual research work among high-school students, the Junior Academy of Science is planning to sponsor a news bulletin reporting activities and research work beginning next fall, to be circulated among the clubs. Two cooperative projects with the scientific men of the state are being planned—one a study of the distri-

bution of Wisconsin trees and the other a collection of data on the blossoming and fruiting of common wild flowers and trees.

THE KANSAS ACADEMY OF SCIENCE

THE seventy-seventh annual meeting of the Kansas Academy of Science was held at Kansas State College, Manhattan, on April 14, with Dr. L. D. Bushnell, of the Kansas State College, presiding. An affiliated society, the Kansas Entomological Society, met with the academy. The local chapter of the American Association of University Professors held a meeting in cooperation with the academy.

In deference to the restrictions of the Office of Defense Transportation on the holding of general meetings, the meeting at Manhattan was local in character. The executive committee met at this time for the transaction of business. The meeting was small and was limited to the morning and afternoon, but this was the best means possible under the circumstances of maintaining the academy as an active organization. The general enthusiasm of those attending and the character and number of papers offered served to justify the decision to hold the meeting.

The morning was devoted largely to council and business meetings. The invitational address, entitled "Recent Advances in Plant Science," was given by Dr. Walter F. Loehwing, head of the department of botany, University of Iowa, at 10:00 A.M. before a combined college and academy assembly. This part of the program was broadcast over the radio of the Kansas State College, station KSAC, for the benefit of absent members and friends of the academy.

A noon-day luncheon was substituted for the usual annual evening banquet. At this time Dr. Leland D. Bushnell as retiring president gave an address entitled "Microorganisms and a Struggle for Existence."

During the afternoon section meetings were held for botany, chemistry, geology, physics, psychology and zoology. There was no meeting of the Junior Academy, but local chapters were encouraged to hold meetings. A ten-dollar award was offered to the Junior Academy doing the most outstanding work during the year. The total attendance was 116.

The following officers were elected for next year: *President*, Dr. John W. Breukelman, Kansas State Teachers College, Emporia; *President-elect*, Dr. Claude W. Hibbard, University of Kansas; *Vice-president*, Dr. John C. Peterson, Kansas State College; *Secretary*, Dr. Donald J. Ameel, Kansas State College; *Treasurer*, Dr. F. W. Albertson, Fort Hays Kansas State College; *Executive Council Members* (additional), Dr. L. D. Bushnell, Kansas State College; Dr. H. H. Lane, University of Kansas; Dr. Paul Murphy, Kansas State Teachers College, Pittsburg; and Miss