

Second Floor—

Forest Survey and Swamp Forestry Departments; two draughting-rooms; professors' and assistants' rooms; two laboratories; library and examination rooms.

Third Floor—

Silviculture Department; botanical collections; professors' and assistants' rooms; laboratory; library and examination rooms.

Microbiology Section: Laboratory and offices.

Fourth Floor—

Chemistry laboratory.

Forest Economics: Professors' and assistants' rooms; library and examination room.

Two rooms for students' society; students' cafeteria.

Roof Floor—

Glasshouses and meteorological equipment.

The small library which adjoins a professor's study on each floor contains current literature and text-books and students' theses required by the respective departments. They are used for tutorial purposes and as an ante-room for students seeking interviews with the professor.

123. *The University Forest Station at Hyttiala*.—Any record of Finnish higher forestry education would be incomplete without reference to Hyttiala, which is the headquarters of the 27,200-acre University Training Forest, some 150 miles north of Helsinki. Here, first-year forestry students spend the first summer in intensive field training under the supervision of the University Forester, who at present is Dr. Kalela (son of Dr. Cajander). The Forestry Faculty attaches much importance to the traditional atmosphere at Hyttiala, which has developed since its establishment in 1904. Individual initiative is taught by such means as rotational leader experience, and the sequence of training includes swamp forestry practices and all normal silvicultural works carried out in the management of this spruce and Scots pine forest.

124. The station consists of four separate buildings (built in 1912) located round a central square:—

- (1) Students' hostel (two per room);
- (2) Dining-rooms and kitchen;
- (3) Tools and stores and conveniences; and
- (4) Garages and firewood store.

These buildings are of rough-hewn pine, roofed with spruce shingles, and upon granite foundations.

125. Dr. Kalela, who has studied *Nothofagus* in Patagonia, is an authority on root competition in relation to regeneration. The visit to Hyttiala was undertaken in the company of Mr. Moilenen (Assistant Forester to Professor Saari).

SUB-PROFESSIONAL FORESTRY EDUCATION IN FINLAND

126. There are six State middle (ranger) schools (one of which is confined to Swedish-speaking foresters); two private schools conducted by large industrial firms; and one private utilization school. Kuru Middle School is a typical example of the State schools and was inspected in the company of Mr. Sierla (in charge of State Middle Training), and Mr. Moilenen.

127. The Kuru School, located in the centre of a forest district 30 miles north of Tampere, is a four-story concrete building constructed in 1939 to accommodate forty-five students. At present sixty men are being trained there. The staff consists of manager (Mr. Latva), three graduate instructors, and an assistant instructor in utilization.