

NEW GEOLOGY BUILDINGS

Two steel and concrete buildings are to be constructed to house the geological sciences, which include geology, paleontology and physics.

One of these will be known as the Seeley W. Mudd Laboratory of the Geological Sciences, and was presented by Mrs. Seeley W. Mudd of Los Angeles as a memorial to her late husband, the well known mining engineer. The other building will be the Charles Dayton Arms Laboratory of the Geological Sciences and is the gift of Mrs. Henry M. Robinson of Pasadena in memory of her father, long engaged in the successful operation of mining properties.

The Charles Dayton Arms Laboratory will be located northwest of the Norman Bridge Laboratory of Physics, while the Seeley W. Mudd Laboratory will stand northwest of the Astrophysical Laboratory and will face the Kerckhoff Biological Laboratory. The two geological structures will be of approximately equal size, about 166 by 56 feet, but of somewhat different shape, the Charles Dayton Arms Laboratory having a wing about 40 by 40 feet projecting southward between the Bridge and Astrophysical Laboratories; this wing will be used as a museum. Both buildings will be five floors in height, of which three floors will be above ground and a basement and sub-basement below. The space in the two buildings has been largely divided into suites of rooms, each suite planned for the needs of one of the divisions of the geological sciences. Each suite will embrace teaching and research laboratories appropriately equipped, a professor's office and his research room, and rooms for graduate students specializing in that phase of the geological sciences to which that suite is to be devoted. Various other rooms not included in any suites such as seminar, class, and lecture rooms will be used in common by all students and staff members.

The top floors of both buildings will be devoted largely to paleontology, to afford the more ample display space available in the sky-lighted hallways. Vertebrate paleontology will occupy the third floor of the Mudd laboratory, while invertebrate paleontology will be housed on the third floor of the Arms Laboratory. On the second floor of the Arms Laboratory will be located rooms to be used for petrology and non-metalliferous economic geology. The first floor will contain the main lecture room, accommodating about 200 persons, several class rooms and a museum intended more for teaching than for general display purposes. The basement will be utilized for additional graduate student offices and some class rooms; while the sub-basement will be devoted to storage.

The second floor of the Mudd Laboratory will contain the geological library; Division office; offices, grinding rooms, chemical and teaching laboratories; and graduate student rooms for advanced mineralogy, mineragraphy and metalliferous economic geology; and the structural geology teaching and research laboratory. The first floor will contain the teaching laboratories and class rooms for the introductory course in general geology, taken by all sophomores in the Institute, teaching and research laboratory for physiography, and graduate student offices. The basement, which in both buildings will be