

Publications Committee

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UNIVERSITY OF TEXAS.

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CIRCULAR No. 15.

THE SCHOOL OF BIOLOGY.

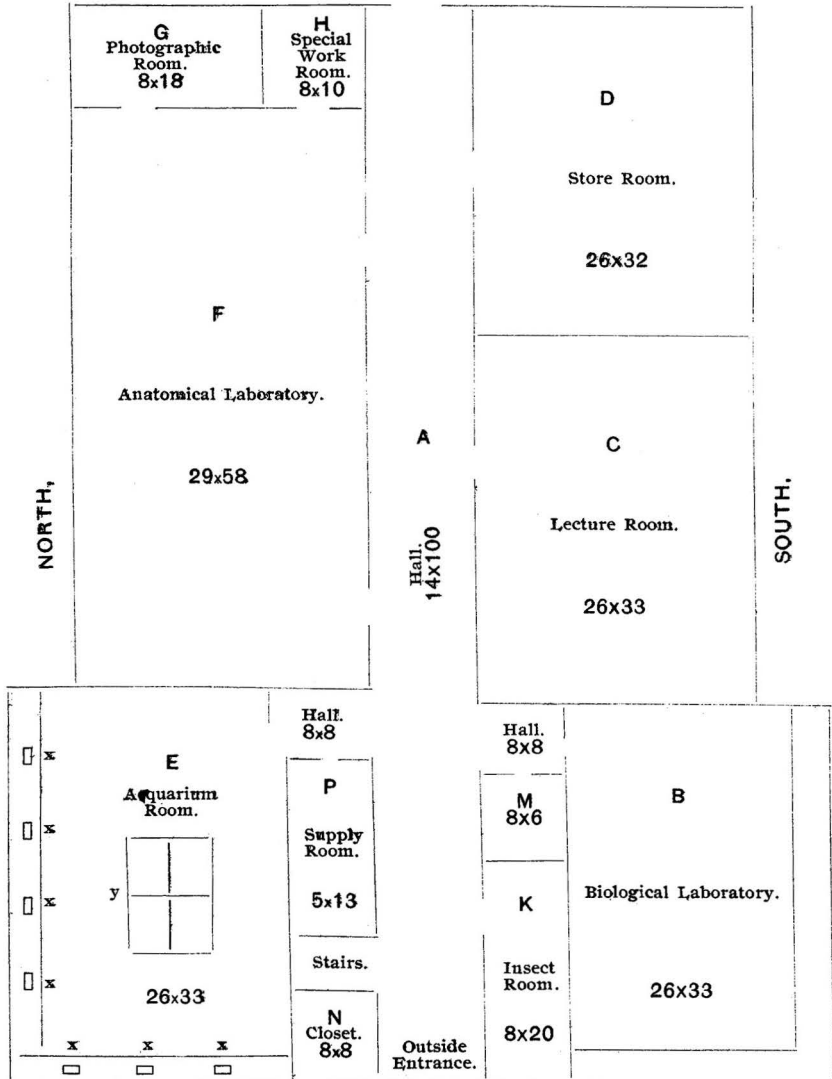
The School of Biology was established January, 1892, and Dr. Charles L. Edwards was elected Assistant Professor in charge. The object in creating the School, is to afford facilities for prosecuting studies in Biology in accordance with the most approved and advanced methods. This will be done not only through lectures by Dr. Edwards, but also by affording each student in the laboratories of this School means for doing practical work upon the various forms studied, and for making original investigations. That this may be done the Board of Regents have set aside the whole of the lower floor of the Main University Building for the School of Biology. As will be seen by reference to the accompanying diagram, the floor consists of five large and six small rooms, with a common hall (A). The Biological Laboratory (B), with a southwest exposure, has seven large windows, giving all the light necessary for microscopic work. Around the south and west sides of the room is a stationary desk, fitted with sixteen drawers, each of which indicates a student's working space. Each place is supplied with gas, a Leitz microscope, dissecting instruments, glass slips and covers; while the laboratory has for general use a Zeiss dissecting microscope, large Thoma and Minot microtomes, made by Jung, of Heidelberg, and Zimmermann, of Leipzig, respectively, all necessary stains, alcohol, and other re-agents, movable aquaria, water, etc.

The Lecture Room (C) is provided with a complete series of 100 of the celebrated Leuckart and Nitché wall-charts, and with a specially prepared series of 75 water-color charts, illustrating the fundamental tissues, general biology, embryology of the chick, etc.

The Aquarium Room (E) has at each of the seven windows, an aquarium (x), the bottom and ends of which are of polished marble, the sides of plate-glass, 36 inches long, 14 inches wide, and 18 inches deep. In the centre of the room is a large cemented brick tank (y), 12x7x4½ feet, divided into four compartments, in which are kept the various animals and plants studied in the course in General Biology. These aquaria are provided with running water, and will illustrate by typical forms the great group of living things. In this room will also

be kept alive for the purposes of study such animals as the horned-toad, centipeds, and other forms common in Texas.

The Anatomical Laboratory (F) is provided with tables, dissecting apparatus, re-agents, etc., for Mammalian Anatomy.



GROUND PLAN.

The Photographic Room (G) is a dark-room supplied with developers, trays, water, etc., while the special use for which the remaining five small rooms are intended, is sufficiently indicated in the diagram.

Upon the reading table in the Biological Laboratory are found the current volumes of twenty of the leading biological journals, while at hand are all the standard works of reference in the various branches of biology.

It will thus be seen that the equipment in biology is quite as complete as is found in any institution in this country.

COURSE GIVING PROMINENCE TO BIOLOGY.

The studies of the Freshman year are the same as those in the General Course in Science, except that German, 3, is obligatory, and French, 3, is advised.*

SOPHOMORE YEAR.

Biol., 3; Eng. Lang., 2; Essays, 1; German, 3; Chem., 4; Physics, 3.
Electives—Math., 3; Spanish, 3; Hist., 2; Latin, 3; Greek, 3; App. Math., 3; French, 3.

JUNIOR YEAR.

Biol., 3; Eng. Lit., 2; German, 2; Geology, 3.
Electives—Math., 2; App. Math., 3; Phil., 3; Mod. Hist., 2; Spanish, 2; Latin, 3; Greek, 3; Physics, 3; Eng. Phil., 3; Chem., 3; French, 3.

SENIOR YEAR.

Biol., 7; German, 2; Eng. Lit., 2.
Electives—Geology, 3; Chem., 3; Phil., 3; Hist., 3; Latin, 3; Greek, 3; Essays and Orations, 1; French, 3.

In view of the increasing demand for a better preparation of students electing the profession of medicine, the University of Texas now offers the following course especially suited to the needs of such students. The course is one leading to the degree of Bachelor of Science, and stands in close affiliation with the more special courses of the Department of Medicine of this University.

COURSE PRELIMINARY TO THE STUDY OF MEDICINE.

The studies of the Freshman year are the same as those in the General Course in Science, except that German, 3, is obligatory, and French, 3, is advised.

*In the course Giving Prominence to Biology, and in the Course Preliminary to the Study of Medicine, the student is advised to elect at least two years of French.

SOPHOMORE YEAR.

German, 3; Biol., 3; Eng. Lang., 2; Essays, 1; Chem., 4; Physics, 3.
Electives—Spanish, 3; Math., 3; Hist. of Middle Ages, 2; Latin, 3; Greek, 3; App. Math., 3; French, 3.

JUNIOR YEAR.

German; 2; Eng. Lit., 2; Biol., 3; Chem., 3.
Electives—Geology, 3; Math., 2; App. Math., 3; Phil. 3; Mod. Hist., 2; Spanish, 2; Latin, 3; Greek, 3; Physics, 3; Eng. Phil., 3; French, 3.

SENIOR YEAR.

German, 2; Eng. Lit., 2; Biol., 3; Chem., 3.
Electives—Hist., 3; Phil., 3; Geology, 3; Latin, 3; Greek, 3; Essays and Orations, 1; French, 3.

LESLIE WAGGENER,
Chairman of the Faculty.