

§ 7

NATURAL HISTORY.

Including Zoology and Botany.

Professor.—R. RAMSAY WRIGHT, MA., B.Sc. (Edin).

Two courses of Lectures are given in this department: an introductory course for Matriculated Students of the First Year, and a detailed course for Matriculated Students of the Third Year.

I.—Introductory or First Year Course.

The earlier part of the Michaelmas Term will be occupied by a course of Lectures on Elementary Botany, chiefly Morphological and Physiological. The latter part by Lectures on Physiology, chiefly as an introduction to Zoology, which will form the subject of the Lectures of the Easter Term.

(*Text-books:* Gray's "How Plants Grow;" Huxley's Elements of Physiology; Nicholson's Text-book of Zoology.)

Candidates for Honors will find it necessary to consult the following books—Gray's Text-book of Botany; Rolleston's Forms of Animal Life; Nicholson's Manual of Zoology.

*** II—Detailed or Third Year Course.**

This will consist chiefly of Lectures on Zoology and Comparative Anatomy. These will be illustrated by dissections and preparations of various kinds; and the Morphology, Development, and Distribution in Space and Time of the Principal Groups of the Animal Kingdom will be entered into at length; one of the larger Sub-divisions will be selected for the purpose of demonstrating details of Classification. A short course of Lectures will be devoted to the Morphology and Physiology of Cryptogamic Plants.

(*Text-books:* Nicholson's Manual of Zoology; Rolleston's Forms of Animal Life; Balfour's Manual of Botany, or Gray's Text Book of Botany.)

Candidates for Honors are expected to be familiar, to some extent, with the Canadian Flora; and for this purpose will find it necessary to consult Gray's Manual of Botany.

(*Books of Reference:* Sachs's Text-book of Botany (translated by Bennet and Thiselton—Dyer; Huxley's Anatomy of Vertebrates; St. George Mivart's Lessons in Elementary Anatomy.)