

NATURAL SCIENCE SCHOLARSHIPS AT
OXFORD

FOR WHICH ELECTIONS WILL BE MADE DURING THE
YEAR 1872

BALLIOL COLLEGE.—One Scholarship, value 70*l.* per annum, and tenable for three years, is generally given. There are two such Natural Science Scholarships on the foundation of Miss Brakenbury, and a third is usually added by the College. Papers are set in Physics, Chemistry, and Biology; the Examination in Chemistry and Biology will be partly practical if necessary. Candidates, if Members of the University, must not have exceeded eight Terms from their Matriculation. The Examination takes place in November.

CHRIST CRURCH.—Not less than one Studentship, of the annual value of 75*l.*, together with rooms rent free, and tenable for five years from the day of Election. The subjects of Examination are Physics, Chemistry, and Biology; but no Candidate is expected to offer himself for examination in more than two of the three. Candidates must not have exceeded the age of twenty on the 1st of January preceding the election. The Examination is held in the middle of February.

JESUS COLLEGE.—One open Scholarship, value 80*l.* per annum, is occasionally given. It is tenable to the close of the twentieth Term from the Scholar's Matriculation. Papers are set in Chemistry, Physics, and Biology; but answers are not expected in more than two subjects. Candidates will have to satisfy the Electors of their ability to pass the ordinary Classical Examinations required by the University. Candidates must not on the day of Election be full twenty-four years old. The Examination takes place in October, and full notice is given early in June. Two Scholarships have been given.

MAGDALEN COLLEGE.—One or more Demysips, value 95*l.* per annum, inclusive of all allowances, and tenable for five years, provided that the holder does not accept any appointment which will, in the judgment of the Electors, interfere with the completion of his University Studies. No person will be eligible who shall have attained the age of twenty years. In conducting the Examination, Questions will be put relating to General Physics, to Chemistry, and to Biology, including Human and Comparative Anatomy and Physiology, with the principles of the classification and distribution of Plants and Animals; but a clear and exact knowledge of the principles of any one of the above-mentioned Sciences will be preferred to a more general and less accurate acquaintance with more than one. The Examination in Biology and Chemistry will be partly practical, if necessary. Candidates have also to satisfy the Electors of their ability to pass the ordinary Classical Examinations required by the University, and for this purpose will have:—*a.* To translate a passage of English Prose into Latin. *b.* To bring up for Examination one Greek author, or a portion, such as five books of Homer, or two Greek Plays, or any equivalent; one Latin author, or a portion, such as the Georgics, or five books of the *Æneid* of Virgil, or three books of the *Odes* and the *De Arte Poetica* of Horace, or any other equivalent. *c.* To answer Questions in Greek and Latin Grammar. Very superior excellence, however, in Natural Science will be allowed to compensate for any deficiency which Candidates may have shown in the Classical part of the Examination. Candidates will be required to bring with them a Certificate of Birth, with testimonials of good conduct and character, extending over a period of at least three years, from the Head Master of their School, or from the Private Tutor with whom they may have been reading. The Demysips are open without any restriction as to place of Birth or Education to all Candidates, whether already Members of the University or not, who are found to satisfy the above-named conditions. The Examination

will be held in common with Merton College, at the same time and with the same Papers. Each Candidate will be considered as standing, in the first instance, at the College at which he has put down his name, and, unless he has then given notice to the contrary, will be regarded as standing at the other College also. The Examination usually commences on the first Tuesday in October. No Entrance Fees or Caution Money are required by the College. The University Fees payable on Matriculation amount to 2*l.* 10*s.*

MERTON COLLEGE.—One Postmastership, value 80*l.* per annum, tenable for five years, or so long as the holder does not accept any appointment incompatible with the full pursuance of the University studies. Papers will be set in Chemistry, Physics, and Biology; and an opportunity will be given of showing a knowledge of practical work in Chemistry and Biology. The Postmastership will be given for special excellence in one subject, or for excellence in two of the three subjects; but no Candidate will be examined in more than two subjects. There is no limit of age for the Candidates, but a limit of six Terms of University standing. The Examination will be held in common with Magdalen College at the same time, and with the same Papers. Each Candidate will be considered as standing, in the first instance, at the College at which he has put down his name, and, unless he has given notice to the contrary, will be regarded as standing at the other College also.

NEW COLLEGE.—Candidates for Exhibitions may offer to be examined in Natural Science, in addition to the Classical Examination, or in lieu thereof. There is no restriction of age, but no Candidate must have already entered on residence in another College or Hall. The Examination usually takes place in March.

UNIVERSITY SCHOLARSHIP.—*Burdett-Coutts Scholarship.*—One Scholar is elected every year in Lent Term. Candidates must have passed all the Examinations necessary for the Degree of B.A., and not have exceeded the twenty-seventh Term from their Matriculation. The Examination is in Geology, and in Chemistry and Biology as bearing on Geology.—*Radcliffe's Travelling Fellowship.*—One Fellowship, value 200*l.* per annum, and tenable for three years, is filled up each year in Lent Term. For conditions of Examination and Election, see "The Oxford University Calendar."

A LECTURE ON THOMSON'S GALVANO-
METER

DELIVERED TO A SINGLE PUPIL IN AN ALCOVE WITH
DRAWN CURTAINS

THE lamp-light falls on blackened walls,
And streams through narrow perforations;
The long beam trails o'er pasteboard scales,
With slow-decaying oscillations.

Flow, current! flow! set the quick light-spot flying!
Flow, current! answer, light-spot! flashing, quivering,
dying.

O look! how queer! how thin and clear,
And thinner, clearer, sharper growing,
This gliding fire, with central wire
The fine degrees distinctly showing.
Swing, magnet! swing! advancing and receding;
Swing, magnet! answer, dearest, what's your final reading?

O love! you fail to read the scale
Correct to tenths of a division;
To mirror heaven those eyes were given,
And not for methods of precision.
Break, contact! break! set the free light-spot flying!
Break, contact! rest thee, magnet! swinging, creeping,
dying.

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