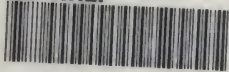


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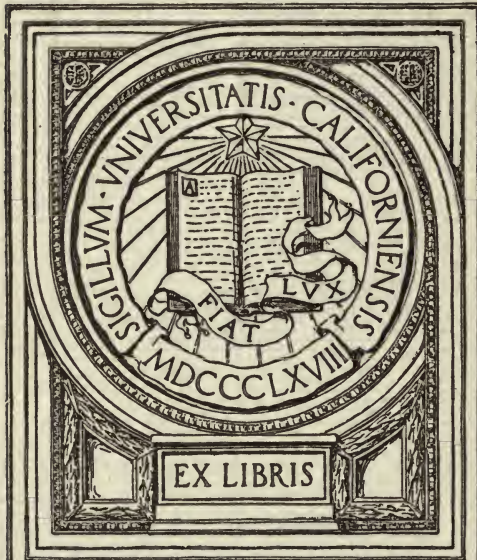


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THE SENIOR WRANGLERS

OF THE

University of Cambridge,

FROM 1748 TO 1907.

WITH BIOGRAPHICAL, &c., NOTES.

By C. M. NEALE

(BARRISTER AT LAW),

Author of an Honours Register of the University.

BURY ST. EDMUND'S:

T. GROOM AND SON, ABBEYGATE STREET.

1907.

Price : Two Shillings and Sixpence, Net.

84

The Early Honour-Lists

OF THE

University of Cambridge.

(1499—1747.)

A certain number of the above Lists have been already printed in the Grace Books which are in course of publication by the Cambridge Antiquarian Society, where, however, they appear as bare lists in more than one volume and amongst a large quantity of other material. Some time ago the present writer was allowed to make a Transcript of the extant lists, with a view to the preparation of a convenient edition of them, and he is now able to state that, should the requisite support be forthcoming, he will publish the Transcript, together with Statistical Tables and the Biographical Notes which he has been collecting during the past few years. The number of these early Honour Men exceeds six thousand, and as the accompanying record of facts and dates would considerably exceed that number, the work should prove of some use as an addition to the lists at present available for reference in the department of English Biography.

The production of the proposed book can be undertaken on a subscription of about £250, representing about five hundred copies at 10s. a copy, and pending the preparation of a circular for issue to persons presumably interested in essays of this nature, the Author will be glad to hear from any one who may feel disposed to render support in the manner indicated.

NORTHGATE STREET,
BURY ST. EDMUND'S.

OCTOBER, 1907.

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CAJORI

[*SENIOR WRANGLERS.*]

ERRATA.

Page 12, lines 2 and 24, for "one" read "*two.*"

Page 16. Part of the paragraph relating to 1755 needs alteration, having been printed from information since found to be unreliable. The Senior Wrangler was born in Westmoreland; but his father's name is not given in the College Register. Moreover, the personal details belong to the 7th Wrangler of 1787, and the statement of relationship awaits confirmation. (For ability thus to revise the paragraph thanks are due to Mr. Arthur Gray, Tutor of *Jesus*).

Page 40, last line but 2, for "4" read "6."

INTRODUCTION.

Among University Honour Lists those of the Cambridge Mathematical scholars are perhaps the most generally interesting, whether regard be had to the competitive character of the examination, the long series of years during which it has been held, the unique titles of the respective classmen, or the subsequent eminence attained by so many of the successful candidates. And if the complete Lists are thus interesting, still more general is the interest popularly taken in the Record of Senior Wranglers—the rivalries of the colleges, and, during the past fifty or sixty years, the severity of the competition affording something of the excitement associated with the record of a great match or race.

To provide a convenient edition of this famous List is the object sought to be attained in the following pages. And the attempt would seem to be not altogether inopportune. The Mathematical Tripos, as at present constituted, is quite an institution with us; but, like other old and even popular institutions, it is often merely taken for granted, in the way that residents in the Metropolis take for granted the Tower of London or the list of Lord Mayors. When, however, destruction, cessation, or fundamental change is imminent, a quickened interest is observable in the frequent desire for particulars concerning historical and other details of the expiring order. By a Grace of 2nd February, 1907, the last examination under the present Regulations will be held in 1909, with which year the long list of Senior Wranglers will close. The time-honoured designations of the classmen are to be transferred to Part II. of the reorganized examination; but, as the Wranglers, etc., are to be arranged alphabetically, one characteristic which has given to these Tripos Lists their special interest will disappear. The title of Senior Wrangler has been considered in some quarters a valuable Cambridge asset, and during the debates preceding the approval of the new Regulations several distinguished

Wranglers expressed themselves as hostile to further change in the old method of arranging the Lists. The preponderance of expert opinion, however, was in favour of the alphabetical arrangement, which, moreover, obtains in nearly all the other Triposes. The great extensions of mathematical science and, during the last decade, a diminution in the number of candidates, have rendered advisable the changes which have been recently decreed. And, apart from the question of educational advantage, supporters of the proposed changes pointed out that the most recent Senior Wranglers were not, in all cases, regarded by their contemporaries as the best men of their year, some of them having become candidates after keeping four or five terms, whereas other brilliant men have preferred to wait until the Tripos of the next year.

But, besides the competitive element, the Mathematical Tripos, far more than any other University Examination, has an historical interest, for it is a development from the oral examinations and disputations by which candidates were tested in the Middle Ages, when the Wranglers really had to wrangle. Moreover, the development has been so gradual and natural that the earliest and latest names may be fairly said to belong to the same succession. ~~From Grace Book "B"~~ (recently printed at the University Press), it will be seen that Lists are extant of so early a date as 1498-9. They are, however, far from complete,* and it has been thought best in the present book to begin with the year 1747-8.†

(*) E.g., the List for 1664-5 (Isaac Newton's year) cannot be traced.

(†) Since 1882, the Examinations have been held early in June; but until that year they were held in January. Describing the arrangements as they existed about 1772, ~~Mr Ball tells us that the Senate-house was then noted for its draughts, and was not warmed in any way; and "upon one occasion the candidates on entering in the morning found the ink frozen at their desks. The duration of the examination must have been even more trying than the circumstances under which it was conducted. The hours on Monday and Tuesday were from 8 to 9, 9.30 to 11, 1 to 3, 3.30 to 5, and 7 to 9. The evening paper was set in the rooms of the Moderator, and wine or tea was provided. The Examination on Wednesday ended at 11."~~ (Ball, p. 192).

W. Whewell, Moderator in 1820, writes thus to his sister in a letter dated January 20, of that year. The Examination in the Senate-house begins "tomorrow, and is rather close work while it lasts. We are employed from seven in the morning till five in the evening in giving out questions and receiving written answers to them. . . . In addition to all this, the examination is conducted in a building which happens to be a very beautiful one, with a marble floor and a highly ornamented ceiling; and as it is on the model of "a Grecian temple, and as temples had no chimneys, and as a stove or a fire of any kind might disfigure the building, we are obliged to take the weather as it happens to be, and when it is cold, we have the full benefit of it—which is "likely to be the case this year." (Ball, p. 210).

The general subject of University Examinations in mediæval times is discussed by Dr. Rashdall,* and the methods in vogue at Cambridge may be conveniently studied in Mr. W. W. R. Ball's concise History of Mathematical Study at that University. For more detailed study of the Cambridge system, two of the most convenient works are Mr. J. Bass Mullinger's History of the University, and Canon Wordsworth's pleasant *Scholæ Academicæ*. Mr. Mullinger's two volumes bring us down to 1625, and Canon Wordsworth continues the description to the year 1819. Curiously enough, the great period of the Tripos synchronizes pretty closely with the life of Queen Victoria.

From these works it is possible to construct a short account of the development, suited to the limited scope of the present book. Readers to whom this subject is unfamiliar would do well to note at the outset the following few facts:—

(i.) There was not any formal Matriculation of Students until the year 1543 (Mullinger ii. 63).

(ii.) "The lodging-house system . . . was at first its (the University's) normal condition."†

(iii.) Scarcity of books was one cause of oral examination, aided perhaps by the high cost of paper (Wordsworth, p. 16).

(iv.) Latin being the ordinary means of communication between scholars in Great Britain and in Western Europe, its use "in hall and in college generally" was imperative (Mullinger, i. 37).

(v.) The average age of students at entrance was formerly much lower than it is now. In the Fifteenth Century it was only thirteen or fourteen, rising in the next century to sixteen, in the Seventeenth and Eighteenth Centuries to seventeen or eighteen, and in the Nineteenth Century to eighteen or nineteen.‡

During the first part of their academic life the students were treated quite as boys, and probably bachelorship originally meant "termination of the state of pupildom,"§ the pupil then becoming an undergraduate. The course of study was supposed to extend over seven

(*) *Universities of Europe in the Middle Ages*. By Rev. Hastings Rashdall, D. Litt.

(†) Mullinger: *Cambridge Characteristics*, p. 7.

(‡) Wordsworth, p. 159. In the Thirteenth or Fourteenth Century, a youth went up to the University, "at some age between ten and thirteen, under the care of "a 'fetcher,' whose business it was to collect from some district about twenty or "thirty lads and bring them up in one party." (Ball, p. 140).

(§) Mullinger, I. 352.

years, four of which were devoted to the *Trivium* (Grammar,* Logic, and Rhetoric) and three to the *Quadrivium* (Arithmetic, Geometry, Astronomy, and Music), but as the average age of entrants increased, an acquaintance with the Trivium became to some extent assumed. In his fourth year, afterwards the third, a student, having satisfied "as to age, character, and standing was allowed to proceed with the examination preliminary to presentation of himself as a Questionist,"† the subject matter of that examination being the Prior Analytics of Aristotle. He had to take part in various Disputations held in the schools, and presided over by a Bachelor of Arts. After keeping his "Acts" (as they were called), "the sophister if nothing was reported against him, presented himself as a Questionist to be examined by the proctors and regents‡ in the arts school. In general, he had then to defend some question against the most practised logicians in the University. . . . Stupid men propounded some irrefutable truism, but the ambitious student courted attack by affirming some paradox."§ "During the remainder of the Lent Term the newly-incepted bachelor was expected to spend every afternoon in the schools. In addition to the necessity of 'disputing' with any regent who cared to come and test his abilities, he was required to preside at least nine times over the disputations which those who were studying the Trivium

(*) "Grammar meant the Latin language acquired by means of Terence, Priscian, Boëthius and Donatus. In the Fifteenth Century, larger readings from Terence, Virgil, or Ovid, with some instruction in Latin verse composition were added." (Wordsworth, p. 83).

(†) Mullinger, I. 353.

(‡) "Every M.A. under one year's standing was expected to examine in the Schools until the year 1785." (Wordsworth, p. 211).

(§) Ball, p. 145. The Student became a Graduate after receiving his Master's Degree with its accompanying authority to teach. Inception was necessary for the M.A. Degree. "The day was usually that of the great commencement, July 2, and being the chief academical ceremony of the year, it was held not in the Arts' School, but in the Church of Great St. Mary. As the disputations were preceded by the Celebration of the Mass, the Assembly was convened at the early hour of seven. It devolved first of all on the youngest regent, his senior by one year, who was known from his part on these occasions as the *prævaricator*, to take up the gauntlet." (Mullinger, I. 355).

By immemorial custom, the Students "were permitted to seize the new inceptor as he came out and whether he liked it or not shave him in preparation for the morrow." (Ball, p. 149).

As already stated, Masters of Arts were expected to examine during their first year, which was called the year *necessariæ regentiæ*. This period afterwards became two or three years and, by the Statute of 1570, was increased to five years.

were keeping, criticise the arguments used, and sum up or *determine* the whole discussion. Hence he was usually known as a *determiner*, and was said to stand *in quadragesima*."* Mr. Mullinger says that "in the faculty of arts, a scholar was *aut logicus aut nullus*, and every effort was made on these occasions to produce an impression of superior skill. Friends were solicited to be present, and those, in turn, brought their own acquaintance; indiscreet partizans would even appear to have sometimes placed themselves near the entrance and pounced upon passers-by and dragged them within the building, in order that they might lend additional dignity to the proceedings by their involuntary presence. One of the Oxford statutes is an express edict against this latter practice."†

During the prevalence of the Old Learning, the usual topics were taken from scholastic divinity, the chief text book being the *Sentences* of Peter Lombard. By the Royal Injunctions of 1535, the old system was changed; papal authority was renounced, degrees in Canon Law discontinued, and in place of the old scholastic learning were prescribed classical and Biblical literature, and science. Questions were introduced on the interpretation of Biblical texts. In the reigns of Elizabeth and James I. dogmatic theology and, to a less extent, philosophy were the favourite subjects. But neither by the Injunctions of 1535 nor by the Elizabethan Statute of 1570 was mathematics ordered as an obligatory subject for the B.A. degree. Even in 1635 this science was not in high favour for the purpose, judging from a statement made by John Wallis, then a student at Emmanuel College. During his period of residence, Wallis was prominent as a Wrangler, and his subsequent fame as a mathematician makes the account specially worth quoting. Mathematics, he writes, were "scarce looked upon as *Academical* studies, but rather *Mechanical*. . . . And among more than two hundred students in our College I do not know of any two who had more of *Mathematicks* than I, which was but little; and but very few in that whole University. For the study of *Mathematicks* was at that time more cultivated in *London* than at the Universities." Wallis adds that he first learnt logic, and proceeded to ethics, physics, and metaphysics, consulting the schoolmen on such points.† During the ascendancy of the Puritans, topics for disputations were often taken from Puritan

(*) Ball, p. 147.

(†) Wordsworth, p. 65.

theology. But all this time the influence was growing of Bacon and of the brilliant new discoveries in astronomy and physical science, leading to the substitution of questions in moral and natural philosophy without "warrant on the part of the Statutes or any formal alteration of them. During the latter half of the (seventeenth) century Descartes was in the ascendant until just before its close. . . . Newton was beginning to gain some footing in the academical disputations. . . . Afterwards when the Senate-house examination was getting the better of the schools, the latter became addicted to the moral and mental science of the day, until they perished in the present century; while the mathematics migrated in a body to the Senate-house and have flourished there ever since."*

But it was not until somewhere about 1820 that the latter or more advanced portion of the examination reached the severity for which it has become famous. The late Dean Stanley, writing of his father's attainments when entering, at St. John's College, in 1798, tells us that "of mathematics he knew only what he had acquired at one of the private schools where he had been placed when quite a child."† Yet the future bishop came out sixteenth Wrangler in 1802. In 1763 Paley could become Senior Wrangler, notwithstanding his waste of two years in idleness and dissipation. In 1794 Copley (afterwards Lord Chancellor Lyndhurst) could obtain the second place after nine months'

(* *Ibid.*—Very few names from King's College appear in the lists after the accession of William III., but they do not entirely cease until after the year 1735, although members of that College served as Moderators in 1743 (W. Richards), 1747 and 1752 (W. Barford both times). The College authorities refused to recognise the Senate-house Examinations for their students, and in 1757 the Senate refused, as Moderator, the person (Christopher Mayes) nominated by that College. From 1735, when John Bradford was tenth Junior Optime, until 1853 (the year after the Report of the Royal Commission), there are no King's College men in the Tripos Lists. The name appearing in 1853 is C. C. James (Master at Eton 1855-84), who was tenth Junior Optime and third Classic.

King's College men were not devoted to mathematical study. Rev. M. T. Becher, a former Fellow of the College, who was Headmaster of Bury St. Edmund's School from 1788 until 1809, provides an amusing instance. C. J. Blomfield (subsequently Bishop of London) had advanced as far as conic sections whilst at Bury, "though this was without the encouragement, and even "contrary to the wishes of Mr. Becher, who regarded mathematics as the root "of all evil; and who, when he heard that Blomfield was reading for a degree, "sent him a message expressing a hope that he would obtain a 'gentlemanly "'Senior Optime.'" (Memoir of Bishop Blomfield, I. 8.) There were, however, plenty of non-mathematicians in other Colleges.

Dr. J. Peile, in his book on Christ's College, writes as follows (p. 267) about an Eighteenth Century member: "Richard Green came from Sussex in 1785, 'sed "viso Euclide curhorruit et evasit' (an entry due to J. B. Seale)."

(†) Memoir of Hon. Edward Stanley, Bishop of Norwich, 1837-49. (page 5).

study, if we are to accept his statement as literally true. And Sir J. F. Pollock, the Senior Wrangler of 1806, uses the following words when writing to his eldest son in 1833:—"I knew less of mathematics than you do when I went to College. Of algebra I knew literally nothing till about the June before I went to reside. . . . Geometry I was very familiar with, but at the end of the first year I knew nothing beyond the first year's subjects—literally nothing; and I was absent from illness the whole of the third term."*

How the examination came to be called a *Tripes* is explained at length and in an entertaining manner by Canon Wordsworth, who shows that it is a development of the Eighteenth Century, resulting from the building of the new Senate-house (1722-30) and the institution of the Senate-house examination.† The "ould bachilour" who in the Sixteenth Century had to "sit upon a stoole before Mr. Proctours" indirectly occasioned the name, at this period the only "Tripes" being the *three-legged stool*. Fifty or sixty years later this bachelor came to be called "the Tripes," in the same way as people talk of "the Chair" or "the Bench." ~~Subsequently the name was given to the Tripes speeches, and then to the Tripes verses.‡~~ About the year 1747-8 the Moderators began the custom of printing Honour Lists on the back ~~of the two yearly Tripes (i.e., sheets of Tripes verses).~~ These Lists came to be called the "Tripes"; and, lastly, the name was transferred from the List to the Examination.§

The title given to the first-class men explains itself, these being pre-

(*) Personal Remembrances of Sir W. F. Pollock (1887). Vol. 1, page 57.

Mr. Mullinger writes that a Grace passed in 1779 "to the effect that a candidate who is deficient in Euclid and Elementary Natural Philosophy is to be given to understand '*altiora mathesios nequicquam se assecturum*'—recalls to us how moderate were the requirements of the Examination. At this time indeed, according to Mr. Latham, 'no writing tables were provided, but the Candidates usually knelt down and wrote in the window seat, or sometimes on the flat board of the college cap, the tassel having been torn out.'"

(†) "The University was not obliged to grant a degree to anyone who performed the statutable exercises, and after the middle of the Eighteenth Century the University in general refused to pass a supplicat for the B A. degree unless the candidate had also presented himself for the Senate-house examination." (Ball, p. 139).

(‡) Tripes Speeches.—Humorous orations delivered in the Schools by the Bachelors of Arts who from time to time filled the office.

Tripes Verses.—Latin verses composed by the two Messieurs Tripes of the year, and bearing reference to the formal questions under disputation. The custom of publishing these verses can be traced back as far as the sixteenth century.

(§) Wordsworth, pp. 17-21.

eminently *Wranglers*. The word *Optime* commemorates the complimentary expressions with which the Moderator was accustomed to mark the end of a Disputation. In the middle of the Eighteenth Century the procedure at these ordeals was somewhat as follows:—The Respondent would mount the rostrum and read a Latin thesis, about ten minutes in length, upon one of his three subjects. Then the first Opponent would oppose the thesis in eight arguments of syllogistical form; the Respondent attempting to “take off” or reply to each in turn, the entire discussion being carried on in Latin more or less debased. At length the Moderator dismisses the first Opponent with some such compliment as, *Domine opponens, bene disputasti, optime disputasti, or optime quidem disputasti*.* In the Lists from 1747-8 to 1752 the Wranglers and Senior Optimes form one class; but with the year 1753 was begun the practice which obtains to-day. By this time the Acts were used as a means of arranging the candidates in groups as Wranglers, Optimes, and Pollmen, the relative places within each group being determined by the Senate-house examination, a course which gradually so lessened the importance of the Acts that about seventy years afterwards Whewell stated that the disputations had no immediate effect upon a man’s place in the Tripos. That the ordeal, however, was still an exacting one, there is the well-known testimony of Augustus De Morgan, who wrote thus concerning his own experience in 1826:—“The real disputations were very severe exercises. I was badgered for two hours with arguments given and answered in Latin—or what we called Latin—against Newton’s First Section, Lagrange’s Derived Functions, and Locke on Innate Principles. And though I *took off* everything, and was pronounced by the Moderator to have disputed *magno honore*, I never had such a strain of thought in my life. For the inferior Opponents were made as sharp as their betters by their tutors, who kept lists of queer objections drawn from all quarters.”† During the next ten years the Acts must have become a mere formality. Sir W. F. Pollock (thirty-second Senior Optime in 1836) wrote:—“Early in 1835 I had to oppose Colenso as the keeper of an Act. . . . The two men thus pitted against each other used to meet beforehand to arrange their arguments, and usually in the evening at tea given in

(*) An “optime quidem” man might expect to see his name among the Wranglers. Other phrases were also used, e.g., H. V. Elliott (fourteenth in 1814) was dismissed with “Strenue disputasti.”

(†) *Budget of Paradoxes*: Quoted by Wordsworth, p. 63.

the rooms of the man keeping the Act. Accordingly I went to Colenso in St. John's College, and we rehearsed together our little farce. There was no audience except the few men who had to attend for a similar purpose. A Moderator presided."* The last Act for a B.A. degree at Cambridge was performed in 1839, most probably through independent action of the Moderators, T. Gaskin and J. Bowstead.†

There are records showing the occasional existence of dissatisfaction with the Moderators' Lists. Confining the present account to the period since 1747-8, mention may be made of three cases:—Richard Watson, *Trinity*, placed second in 1759, claimed that Millington Massey, *St. John's*, should not have been placed above him. W. Frere, second to Paley in 1763, was not perfectly satisfied with that position, and Canon Wordsworth prints some curious letters by W. Gooch relative to the competition between himself and D. M. Peacock in 1791. Such charges have long ceased; but in 1769 had arisen an additional complication. In that year was held the first examination for the newly-founded Smith's Prizes, the advanced character of which has led many persons to regard the First Smith's Prizeman as the best Cambridge Mathematician of his year. Notices of all these prizemen will be found in the following pages until 1883; from which date the ground of this judgment was practically removed, the Prizes being henceforth awarded for mathematical essays, which, moreover, are not sent in at or near the competitive part of the Tripos, but in the second year afterwards. It may be noted here that in 1882 the Mathematical Triposes began to be held in two Parts, with the old arrangement of names restricted to the first Part.

The establishment, in 1823, of a Classical Tripos did not for some years affect the older examination, as a place in the latter was made an essential preliminary to the attainment of classical honours, and a place among the Senior Optimes was similarly made a minimum qualification of candidates for a Chancellor's Medal. Thus R. Shilleto, the celebrated Greek scholar (second Classic in 1832), just managed to become eligible for the Classical Tripos, but, being only a Junior

(* See vol. I. of *Remembrances*. Sir W. F. Pollock was the eldest son of the Lord Chief Baron, and was a Master of the Supreme Court, becoming Queen's Remembrancer in 1874. He retired in 1886 and died two years afterwards. His eldest son, Frederick, the present baronet, was 2nd Classic and Senior Chancellor's Medallist in 1867.

(†) Wordsworth, p. 34.

Optime, he was not eligible for the Medal Examination.* A similar experience befel such Senior Classics as H. A. Holden (1845) and the present Master of Trinity (1855). When there was only one Tripos, classical scholars like Sydney Walker and Lord Macaulay were debarred from Senate-house honours; and after the establishment of the Classical Tripos one effect of the preliminary qualification was to exclude R. C. Trench, Alfred Tennyson, and F. A. Paley. The supremacy of the old Tripos was first threatened in 1850, when the restriction was abolished, and it has been threatened still more by the establishment of new Triposes, especially those of Natural and Mechanical Sciences. The alterations which were recently approved will, their advocates believe, result in the restoration to the Mathematical Tripos of a good deal of its former popularity among future generations of Cambridge students.

From a Statistical Table appended to the present record, may be gathered several facts regarding the distribution of the Senior Wranglers among the Colleges. During the period covered they number altogether one hundred and seventy persons, and if the figures given are accurate, the order of the Colleges, as producers of Senior Wranglers will be as follows:—

St. John's	55	Magdalene	3
Trinity	54	St. Catharine's	2
Caius	14	Jesus	2
Queens'	9	Sidney	2
Peterhouse	8	Clare	1
Pembroke	6	Trinity Hall	1
Christ's	6	King's	1
Corpus	4	Emmanuel	1
<i>Newnham</i>			1

In the matter of parentage, the particulars furnished will be found to reveal a variety of circumstances and callings of an extent calculated to surprise many persons who are not accustomed to think that higher education in England has been so democratic. Among parents of

(*). Mr. Shilleto was "wooden spoon" of his year. Previously there had been four successive years, 1825-8, in which this position was occupied by Classical First-class men.

The rule did not apply in the case of persons entitled to Noblemen's Degrees. The following names, e.g., do not appear in the Mathematical Tripos Lists: Hon. G. Wellesley, 2 Cl. in 1829; Lord Arthur Hervey, 6th Classic in 1830; Viscount Clive, 11th Classic in 1840; Hon. G. Denman, Senior Classic in 1842.

Senior Wranglers there are a peer and two baronets ; at least six landed proprietors and two newspaper proprietors ; twenty-five ministers of religion, including eight Nonconformists ; two University professors and two schoolmasters ; a County Court judge, a Recorder, two practising barristers, three doctors, an attorney, and a musical composer ; a commissary, a collector of excise, a bank manager, and a borough engineer ; a merchant, a stockbroker, a wholesale stationer, a land agent, at least three farmers, a cattle salesman, a pilot, a master mariner, and a mechanical engineer ; a baker, a carpenter, a chemist, a tailor, at least two drapers, at least one publican and a saddler, besides a bricklayer and two weavers. This enumeration does not account for quite half of the names ; probably the variety would be even greater were there included the occupations of the remainder.

Some Cambridge relationships and marriages are indicated in order to point out cases of inherited mathematical talent ; and, although the inclusion of other names is not exactly within the declared scope of this book, readers may like to see mentioned some of the more eminent and interesting of the names which appear among the Wranglers in the successive Tripos Lists.

But perhaps of most general interest is the subsequent career of these men whose College progress was so triumphant. The summary which appears at the end of this paragraph will be found to account for very nearly all of the names. Its method is open to criticism ; but persons who have attempted similar tasks will not need to be told that numerous cross-divisions rendered the work of classification somewhat difficult. More satisfactory would be several tabulations showing how many of the Senior Wranglers have become University Professors or Heads of Colleges, how many became clerical, legal, or medical dignitaries, how many scientific men, how many distinguished men, how many retired to country livings, how many died young, etc. In some respects the best summary would be produced if each man's career were carefully considered, and classified according to the position or intellectual labour with which his name is, on the whole, most closely associated. The method adopted here has been to reckon on the basis of the highest worldly position attained. Accordingly, Lord Rayleigh is not enumerated as a distinguished scientific man or among the professors, but as a peer ; and Sir John Herschel is reckoned as a baronet, Drs. Kaye and Philpott being enumerated among the

bishops, and Drs. Turner, Milner, and Wood among the deans, only one man is classed as a Cambridge College Head. Mr. Purkiss, to cite one more example, will always be remembered among the Senior Wranglers who died young; but as he became publicly known within a few months after his graduation he is reckoned as the holder of the important post to which he had been appointed. With these explanations, the summary may be given as follows:—

A Peer.
Three Baronets.
Seven Bishops.
Six Deans.
Six Archdeacons.
Thirty-two Clergymen.
One Lord Chief Baron.
A Master of the Rolls.
Three Lords Justices of Appeal.
Four Puisne Judges.
Two County Court Judges.
A Master in Chancery.
A Commissioner in Bankruptcy.
An Official Referee.
Eight Barristers.
A Principal of a University.
A Cambridge College Head.
A Principal of a Government College.
Sixteen Cambridge Professors.
Twenty-two Professors elsewhere.
Twenty-two Cambridge College Tutors, etc.
A Master at Marlborough.
A Clerk of the Parliaments.
An Astronomer Royal.
A Chief Assistant at Greenwich.
A Meteorologist to the Indian Government.
An Inspector of Schools.
Two Examiners in the Education Office.
A Clerk in the Treasury.
An Indian Civil Servant.
Two Landed Proprietors.
A Physician.
Two Actuaries.
Five who died young.

Among the names not accounted for must, of course, be included the Senior Wranglers of the last few years, who have not yet become publicly known.

The Author has already indicated some of the books which have been consulted by him; others are mentioned in a closing paragraph of the Introduction to his Cambridge Honours Register, and need not be here repeated. For details with respect to Senior Wranglers of the last thirty years, reliance has been placed mainly on *Who's Who*, and on the contemporaneous notices contained in successive volumes of the *Times* and the *Cambridge Chronicle*. In conclusion, he would acknowledge the communications received quite recently from Mr. J. R. Wardale, of Clare College, and Mr. A. J. Wallis, of Corpus, whose kindness has enabled him to make somewhat more complete the earlier portion of this record.

Northgate Street, Bury St. Edmund's,

October, 1907.

ABBREVIATIONS, ETC.

An Asterisk (*)	=	Fellow of a College.
(d)		Deceased.
Exam.		Examiner.
Hd. M.		Headmaster.
Lect.		Lecturer.
L.C.J.		Lord Chief Justice.
Mod.		Moderator.
Pr.		Preacher.
Prin.		Principal.
R.M.A.		Royal Military Academy.
Ball.		<i>A History of the Study of Mathematics at Cambridge.</i> By W. W. R. Ball (1889).
D.N.B.		These Letters are printed at the end of each Notice where a memoir appears also in the Dictionary of National Biography. It does not mean that every statement contained in those Notices is taken from that work.
Mullinger.		<i>The University of Cambridge from the Earliest Times to the Accession of Charles the First.</i> By J. Bass Mullinger.
Wordsworth.		<i>Scholæ Academicæ.</i> By Rev. Christopher Wordsworth (1877).

The figures 2, 3, 4, etc., prefixed to a person's name signify 2nd, 3rd, 4th, etc., Wrangler. (2) Similarly prefixed means Second Smith's Prizeman. (A) and (B) mean respectively Senior and Second Chancellor's Medallist.

1 Cl., etc., means First Class in Classics, etc. Class Divisions (since 1886) are denoted by the addition of a figure within brackets: thus 1 (1) means First Class, First Division.

LIST OF SENIOR WRANGLERS.

- 1747-8. *Bates, John. *Caius*. No further degree. Son of a Norwich carpenter. Rector of Thwaite, Norfolk, 1760-6 (d).
- 1748-9. *Greene, John. *Corpus*. M.A. 1752. A Norfolk man. He is said to have been a highly respected clergyman as Rector of Marsham, Norfolk, and afterwards of St. George, Tombland, Norwich, where he died 11 Nov., 1766.
- 1749-50. *Hazeland, William. *St. John's*. M.A. 1753. Son of William Hazeland, a baker, at Wilcott, Wilts. Headmaster of Hertford Grammar School, and for a brief period (1761-3) Vicar of Bengeo, Herts. He died in 1763.
- 1750-1. Hewthwaite, John. *St. John's*. M.A. 1757. Born at Pickering. Son of Thomas Hewthwaite, an attorney. Vicar of Cottingham, Yorks, 1757; Morton, Lincs, 1766; Messingham, 1768; Bicker, 1776-1802 (d).
1752. *Best, Henry. *Magdalene*. M.A. 1755. D.D. 1767. Prebendary of Lincoln, and father of Henry Best, miscellaneous writer, noticed in *D.N.B.*
- 4 (A) Francis Maseres. Clare. Cursitor Baron 1773-1824.
- 10 (B) Beilby Porteus. Christ's. Bp. of London 1787-1808.
1753. Disney, William. *Trinity*. Son of Rev. Joseph Disney, Vicar of Cranbrook and Appledore, in Kent. Educated at Merchant Taylors. M.A. 1756. D.D. 1789. Professor of Hebrew 1757-71. Vicar of Pluckley, Kent, 1777-1807 (d). *D.N.B.*
- 3 Thomas Postlethwaite. Trinity. M. of Trinity 1789-98.

- ✓ 1754. *Abbot, William. *St. John's*. Born at Ramsgate. Son of William Abbot, master mariner. M.A. 1757. B.D. 1764. Moderator 1759. A famous Mathematical Tutor of St. John's College 1761-7. Married a sister of William Elliston. Became Prebendary of York in 1767. Resided chiefly at Ramsgate. Died in January, 1826, aged 93.
4. W. Elliston. John's. M. of Sidney 1760-1807.
Brother of the Actor.
7. N. Maskelyne. Trinity. Astronomer Royal 1769-1811.
1755. *Castley, Thomas. *Jesus*. Also 2nd Medallist for Classics. M.A. 1758. During his residence at College he was known for his penury, and his very plain features earned for him the nickname, "Ghastly." His son (also **Jesus*), who graduated as 7th Wrangler in 1787, became Rector of Cavendish, in Suffolk.
1756. *Webster, John. *Corpus*. Also Senior Medallist. M.A. 1759. A Yorkshireman. Chaplain to Dr. John Green, Bp. of Lincoln, and in 1766 he was "carried off by a violent fever."
1757. *Waring, Edward. *Magdalene*. Eldest son of a wealthy farmer near Shrewsbury. M.A. (by Mandate) 1760. M.D. 1767. Lucasian Professor of Mathematics 1760-98 (d). F.R.S. 1763 (Copley Medal 1784). Physician to Addenbrooke's Hospital about 1770. He enjoyed great repute as a Mathematician, and his examinations for the Smith's Prizes were considered the most severe test of mathematical skill in Europe. *D.N.B.*
2. John Jebb. Peterhouse. Writer on University Reform.
13. Robt. Tyrwhitt. *Jesus*. Founder of the Scholarships.
1758. *Thorp, Robt. *Peterhouse*. M.A. 1761. D.D. 1792. A well-known Mathematical Tutor. Succeeded his father, Thomas Thorp, as Vicar of Chillingham, 1768. Rector of Ryton 1781-1807 (resigned). Archdeacon of Northumberland 1792-1812 (d). His son, Charles Thorp, Fellow of University College, Oxford, was

- Rector of Ryton 1807-62 (d), Prebendary (in 1829) and Archdeacon (in 1831) of Durham. Warden of Durham University 1833. *D.N.B.*
1759. *Massey (Joshua), Millington. *St. John's*. M.A. 1762. Born at Dunham. Son of George Massey, member of an old Cheshire family. Educated at Manchester Grammar School. Chaplain to Viscount Weymouth. Rector of Warminster 1774-1807 (d).
2. Richard Watson. Trinity. Bp. of Llandaff 1782-1816. His examination is said to have entitled him to the first place, but the talk about the injustice done him proved of more service than if he had been made Senior Wrangler.
1760. Cross, George. *Clare*. No further degree. Was born in Exeter. (Mr. J. R. Wardale, Tutor of Clare, who has kindly communicated this fact, is inclined to think that he died very shortly after taking his degree.)
1761. *Wilson, John. *Peterhouse*. Son of John Wilson, a man of property in Applethwaite, Westmorland. M.A. 1764. F.R.S. 1782. Judge of Common Pleas 1786-93 (d). Married in 1788. Was highly esteemed as a Mathematician, Chief Baron Pollock ranking him above Waring. *D.N.B.*
1762. *Haighton, Richard. *Christ's*. M.A. 1765. Perpetual Curate of Hapton, Norfolk.
1763. *Paley, William. *Christ's*. Son of Rev. William Paley (*Christ's*. 16th in 1733-4. Headmaster of Giggleswick School 1745-99). 1st Members' Prize and M.A. 1765. Taxor 1770. Archdeacon of Carlisle 1782-1805 (d); also Sub-Dean of Lincoln, and Rector of Bishop Wearmouth. Author of *Horæ Paulinæ*, etc., etc. During two years of his residence at Cambridge he led an idle and dissipated life. Then came a great change, partly due to the chance remark of a companion who, after a jovial evening, told him he was a fool for wasting his abilities with men who had no abilities to waste. The tutor (A. Shepherd) thought him too good a Mathematician to profit by the College lectures. *D.N.B.*

2. John Frere. Caius. F.R.S. 1771. M.P. for Norwich. He had been expected to come out Senior.
1764. *Heslop, Luke. *Corpus*. M.A. 1767. B.D. 1775. Moderator in 1771 and 1773. Archdeacon of Buckingham 1778. Rector of Marylebone 1809-1825 (d). *D.N.B.*
1765. *White, John. *Caius*. M.A. 1768. Son of William White, a publican at North Walsham. Master of Perse Grammar School 1768-76. Rector of Chevington, Suffolk, 1776-1818 (d).
1766. *Arnald, William. *St. John's*. Son of Rev. Richard Arnald (*Corpus*. B.A. 1716-17. Rector of Thurcaston, and Prebendary of Lincoln). Members' Prize 1767. M.A. 1769. B.D. 1776. D.D. 1781. Moderator 1771. Tutor of St. John's. Precentor of Lichfield 1775. In the following year he was appointed Preceptor to the Prince of Wales and the Duke of York, and received a Canonry of Windsor. Became insane in 1782, and remained so until his death on 5th August, 1802. Cole says that "one of his brothers was drowned, and his sisters ill-married or worse." *D.N.B.*
- 2 (A). John Law. Christ's. Bp. of Elphin 1795-1810.
3. Robt. Graham. Trinity. Baron of the Exchequer in 1800.
12. R. P. Arden. Trinity. Chief Justice of Common Pleas 1801-4.
1767. *Turner, Joseph. *Pembroke*. M.A. 1770. D.D. (by Mandate) 1785. Master of *Pembroke* 1784-1828 (d). Dean of Norwich. It was to him, as Senior Tutor, that Lord Chatham wrote when entering the younger Pitt at Pembroke College in 1773. He is said thus to have advised an undergraduate: "By all means do not neglect your *duodecimals*. I was Senior Wrangler by knowing my *duodecimals*."
- 3 (B). W. Pearce. John's. M. of Jesus Coll. 1789-1820; Master of the Temple and Dean of Ely.
1768. *Kipling, Thomas. *St. John's*. Son of a cattle salesman. Born at Bowes, in Yorkshire, and educated at Sedbergh

School. 1st Smith's Prize. M.A. 1771. B.D. 1779. D.D. 1784. Taxor 1773. Moderator 1774. Vicar of Holme, Yorks, 1784-1822, and Dean of Peterborough 1802-22 (d). The errors in his edition of the Codex Bezae were mercilessly censured, so that in the slang of the University "a Kiplingism" came to be synonymous with a grammatical blunder. *D.N.B.*

1769. *Parkinson, Thomas. *Christ's*. Son of Adam Parkinson. Born and educated at Kirkham, Lancs. 2nd Smith's Prize. M.A. 1772. B.D. 1789. D.D. 1795. Moderator 1774. Proctor 1786. F.R.S. 1786. Rector of Kegworth 1798-1830 (d). Archdeacon of Huntingdon 1794; of Leicester in 1812. *D.N.B.*

The 1st Smith's Prize was awarded to the 3rd Wrangler, George Atwood, Trinity, afterwards the eminent authority on Dynamics. *D.N.B.*

1770. *Hughes, Lewis. *St. John's*. M.A. 1773. B.D. 1780. Born at Llanjdan, Anglesea, and educated at Bangor. Chancellor of Bangor 1783-1816. Rector of Llangadwalladr 1803-24, and of Llanrhyddlad 1816-24. Died in 1824.

The 1st Smith's Prize was awarded to the 2nd Wrangler, William Smith, of St. John's, also 2nd Medallist. Moderator 1775.

6 (2). J. Oldershaw. Emmanuel. M.D. 1780.

1771. *Starkie, Thomas. *St. John's*. Born at Downham. Son of James Starkie, of Twiston, Lancs. Educated at Sedburgh. 1st Smith's Prize. M.A. 1771. Moderator 1776. Vicar of Blackburn 1780-1818, dying at Downham in the latter year.

3 (A). Edward Law, Peterhouse. L.C.J. in 1802. Lord Ellenborough.

1772. *Pretymán, George. *Pembroke*. Son of George Pretymán, of Bury St. Edmund's, and educated at the Grammar School in that town. 1st Smith's Prize. M.A. 1775. D.D. (by Mandate) 1784. Moderator 1781. Taxor 1781. F.R.S. 1785. Bishop of Lincoln and Dean of St. Paul's 1787-1820. Bishop of Winchester 1820-7 (d). In 1803

he assumed the name of Tomline on a considerable estate being left him by Marmaduke Tomline, a slight acquaintance. In 1823 he established his claim to succeed to a Nova Scotia baronetcy. Biographer of the younger Pitt, to whom he had been private tutor and secretary. *D.N.B.*

1773. *Brundish, James Jelliand. *Caius*. 1st Smith's Prize and Senior Medallist. M.A. 1776. Moderator 1777. From Bury St. Edmund's. Son of Rev. John Brundish of that town. Was ordained, and wrote some poetry. Dr. Venn quotes a statement that Mr. Brundish was "of a melancholy cast, having lost many of his nearest relatives near together." *D.N.B.*
1774. *Milner, Isaac. *Queens'*. 1st Smith's Prize. Born at Leeds in 1750, and educated at the Town Grammar School until ten years of age, when, on his father's death, he was taken away to earn his livelihood as a weaver. Served as Usher at Hull Grammar School to his brother Joseph (3rd Sen. Opt. and 2nd Medallist in 1776). M.A. 1777. B.D. 1786. D.D. (by Mandate) 1792. Moderator 1780, 3, 5. Proctor 1782. Taxor 1783. Jacksonian Professor of Natural Experimental Philosophy 1783-92. President of *Queens'* 1788-1820 (d). Lucasian Professor 1798-1820. Dean of Carlisle 1791-1820. *D.N.B.*
1775. Vince, Samuel. *Caius*. Son of John Vince, a bricklayer. 1st Smith's Prize. *Sidney* M.A. 1778. Plumian Professor of Astronomy 1796-1821 (d). F.R.S. (Copley Medal 1780). Archdeacon of Bedford in 1809. *D.N.B.*
1776. *Oldershaw, John. *Emmanuel*. 1st Smith's Prize. M.A. 1779. B.D. 1786. Archdeacon of Norfolk. Died in 1847. 2 (B). Gilbert Wakefield. Jesus. Classical Scholar.
1777. *Owen, David. *Trinity*. 1st Smith's Prize. 2nd Members' Prize 1779. M.A. 1780. Became a clergyman, and died in 1829 at New Brunswick.
5. Thos. Sutton. *Emmanuel*. Lord Manners; Lord Chancellor of Ireland 1807-27.
15. C. Sutton. *Emmanuel*. Abp. of Canterbury 1805-28.

1778. *Farish, William. *Magdalene*. Son of a clergyman at Carlisle. Educated at Carlisle. 1st Smith's Prize. M.A. 1781. B.D. 1820. Moderator 1783, 6, 93. Taxor 1783. Proctor 1792. Professor of Chemistry 1794. Jacksonian Professor 1813-37 (d). Rector of St. Giles', Cambridge, 1800-20. An adherent of Charles Simeon, and an intimate friend of John Venn, the Rector of Clapham. His colloquial Latin was remarkable. On one occasion, desiring a dog to be turned out of a room, he said: "Verte canem ex." *D.N.B.*
1779. *Jones, Thomas. *Trinity*. Born at Berrieu, Montgomery, ✓ and educated at Shrewsbury. 1st Smith's Prize. M.A. 1782. Moderator 1786, 7. Taxor 1786. Tutor of *Trinity* 1779-1807 (d). His attainments were so eminent that the first place was conceded to him before examination, and he acted as "coach" to the 2nd Wrangler. *D.N.B.*
- 2 (2). Herbt. Marsh. St. John's. Bp. of Peterborough 1819-39.
1780. *Priest, St. John. *Pembroke*. 1st Smith's Prize. M.A. 1784. Rector of Reepham, Norfolk, in 1806.
- 2 (2). W. Frend, Christ's, a cousin of Herbert Marsh. V. of Madingley 1783-7. Became a Unitarian and (1806-26) Actuary to the Rock Insurance Co. Father-in-law of De Morgan.
1781. *Ainslie, Henry. *Pembroke*. Son of James Ainslie, a physician at Kendal. 2nd Smith's Prize. M.A. 1784. M.D. 1793. F.R.C.P. (Harveian Orator 1802). Physician to Addenbrooke's and St. Thomas's Hospitals. *D.N.B.*
- 2 (A). G. H. Law. Queens'. Bp. of Bath and Wells 1824-45.
4. Thos. Catton. St. John's. 1st Smith's Prize. B.D. ✓ 1791. Tutor of St. John's. An Astronomer. *D.N.B.* states that he ought to have been placed first.
1782. *Wood, James. *St. John's*. Son of a weaver, living near Bury, Lancs. Educated at Bury. 1st Smith's Prize.

M.A. 1785. B.D. 1793. D.D. (by mandate) 1815. Moderator 1787, 98. Master of *St. John's* 1815-39 (d). Dean of Ely 1820-39. Rector of Freshwater 1823-39. Author of a celebrated work on Algebra. He went up as a Sizar, yet he lived to benefit his College to the extent of £50,000 and a large collection of books. *D.N.B.*

7 (B). B. E. Sparke. Pembroke. Bp. of Ely 1812-36. R. Porson was 3rd Sen. Opt. (A) this year.

1783. Wollaston, Francis John Hyde. *Sidney*. 1st Smith's Prize. *Trinity Hall* M.A. 1786. B.D. 1795. Moderator 1788, 9. Tutor of *Trinity Hall*. Jacksonian Professor 1792-1813 (beating Farish by five votes). In February, 1807, he was elected Master of *Sidney*; but in August, 1808, the election was declared invalid, he never having been a Fellow of his College. Died in 1823. He was the eldest son of Francis (*Sidney* LL.B. 1754. Rector of Chislehurst 1769-1815). *D.N.B.*
1784. *Ingram, Robert Acklom. *Queens'*. Son of Rev. Robert Ingram, Vicar of Boxted, Essex. 1st Smith's Prize. M.A. 1787. B.D. 1796. Moderator 1790. Rector of Seagrave 1802-9 (d). Wrote a Disquisition on Population in reply to Malthus. In 1792 he complained that the example of Cambridge had induced several of the schools in the kingdom to study the Mathematics to the neglect of the Classics, "an evil of some magnitude." *D.N.B.*
1785. *Lax, William. *Trinity*. 1st Smith's Prize. M.A. 1788. Moderator 1790, 1. Lowndean Professor of Astronomy 1795-1836 (d). Vicar of St. Ippolits, Herts. *D.N.B.*
1786. *Bell, John. *Trinity*. Born at Kendal. Son of Matthew Bell. Educated at Beetham, near Kendal. 1st Smith's Prize. M.A. 1789. An eminent conveyancer. K.C. 1816. Died in 1836. *D.N.B.*
1787. *Littledale, Joseph. *St. John's*. Eldest son of Henry Littledale, of Eton House, Lancs. 1st Smith's Prize. M.A. 1790. University Counsel. 1813-24. Judge of King's Bench 1824-41. Privy Councillor 1841. Died in 1842. *D.N.B.*

1788. *Brinkley, John. *Caius*. Born at Woodbridge. Educated at Harleston under Mr. Tilney, who aided him to support himself at Cambridge. 1st Smith's Prize. M.A. 1791. Astronomer Royal for Ireland 1792. Bishop of Cloyne 1826-35 (d). *D.N.B.*
5. Henry Gunning. Christ's. Esquire Bedell 1789-1854. Author of Cambridge Reminiscences.
9. Thos. Malthus. Jesus. Author of the famous Essay on Population.
1789. *Millers, William. *St. John's*. 1st Smith's Prize. M.A. 1792. B.D. 1800. Moderator 1794, 6. Rector of Hardwicke in 1807. Died in 1843.
1790. *Bridge, Bewick. *Peterhouse*. A native of Linton, Cambridgeshire. 1st Smith's Prize. M.A. 1793. B.D. 1811. Moderator 1794, 6. Proctor 1800. F.R.S. Professor of Mathematics, East India College, Haileybury. Vicar of Cherry Hinton 1816-33 (d). *D.N.B.*
- 3 (2) (A). Francis Wrangham. Trinity Hall. Archdeacon of East Riding, Yorks.
4. W. Otter. Jesus. Prin. of King's Coll., London, 1830; Bp. of Chichester 1836-40.
1791. *Peacock, Daniel Mitford. *Trinity*. 1st Smith's Prize. M.A. 1794. Moderator 1795. Taxor 1795. Vicar of Sedbergh 1789-1840 (d). *D.N.B.*
- Mr. Ball states (p. 121) that the work of George Peacock and the translation of Lacroix's Elementary Differential Calculus were severely criticised by D. M. Peacock in a book which was published at the expense of the University in 1819.
- 2 (2). W. Gooch. *Caius*. Drowned near Hawaii in 1792.
1792. *Palmer, John. *St. John's*. 1st Smith's Prize. M.A. 1795. B.D. 1802. Moderator 1797, 9, 1802. Professor of Arabic 1804-19. Died in 1840.
- 2 (2). G. F. Tavel. Trinity. Tutor of Trinity. Byron's college tutor. Benefactor of Frederick Pollock (B.A. 1806).
7. Joseph Allen. Trinity. Bp. of Ely 1836-45.

- 8 (A). E. Maltby. Pembroke. Bp. of Durham
1836-56.
1793. *Harrison, Thomas. *Queens'*. 1st Smith's Prize. M.A.
1796. Commissary 1814-24. Deputy High Steward.
1794. *Butler, George. *Sidney*. Born in Pimlico. Son of Rev.
Weedon Butler, Miscellaneous Writer (Amanuensis to Dr.
Dodd, and for over forty years Master of a Classical
School at Chelsea). 1st Smith's Prize. M.A. 1797.
B.D. 1804. D.D. (by Mandate) 1805. Headmaster of
Harrow 1805-29. Rector of Gayton 1814-53. Dean of
Peterborough 1842-53 (d). Father of H. M. Butler, the
present Master of *Trinity*. *D.N.B.*
2 (2). J. S. Copley. *Trinity*. Lord Chancellor in
1827.
1795. *Woodhouse, Robert. *Caius*. Son of Robert Woodhouse,
a Norwich draper. 1st Smith's Prize. M.A. 1798.
Moderator 1799, 1800, 3, 4, 7, 8. Lucasian Professor
1820-2. Plumian Professor 1822-7 (d). F.R.S. 1802.
Introduced the Calculus into England, supported by G.
Peacock, J. Herschell, and Charles Babbage. His wife
was a sister of William Wilkins, the Architect.
D.N.B.
1796. *Kempthorne, John. *St. John's*. 1st Smith's Prize. M.A.
1799. B.D. 1807. Prebendary of Lichfield and Rector
of St. Michael, Gloucester.
10. Christopher Wordsworth. *Trinity*. M. of Trinity
1820-41. Brother of the Poet and father of the
late Bishops of St. Andrew's and Lincoln.
1797. *Hudson, John. *Trinity*. 1st Smith's Prize. M.A. 1800.
Moderator 1804. Taxor 1805. Tutor of *Trinity*. Vicar
of Kendal 1815-43 (d).
1798. Sowerby, Thomas. *Trinity*. 1st Smith's Prize. **Queens'*.
M.A. 1801. Moderator 1805. Tutor of *Queens'*.
1799. Boteler, William Fuller. *St. John's*. 1st Smith's Prize.
**Peterhouse*. M.A. 1802. Commissioner in Bankruptcy
1844.
8 (A). N. C. Tindal. *Trinity*. Chief Justice of
Common Pleas 1829-46.

1800. *Inman, James. *St. John's*. Younger son of Richard Inman, a "statesman" at Sedbergh. Educated at Sedbergh. 1st Smith's Prize. M.A. 1805. B.D. 1815. D.D. 1820. Select Preacher 1820. Professor in Royal Naval College, Portsmouth, 1808-38. Died in 1839. *D.N.B.*
- 2 (2). George D'Oyly. Corpus. R. of Lambeth 1820-46. Virtually the Founder of King's Coll., London.
- 6 W. Wilkins. *Caius*. Architect of University Coll., Gower Street, the National Gallery, etc.
- 7 (B). Lancelot Shadwell. *St. John's*. Vice-Chancellor of England 1827-50.
1801. *Martyn, Henry. *St. John's*. 1st Smith's Prize. 1st Members' Prize 1802. M.A. 1804. B.D. (by Mandate) 1805. Chaplain to the East India Company 1805-12 (d). The Missionary. *D.N.B.*
- 3 (B). Robert Grant. Magdalene. Governor of Bombay.
- 4 (A). Charles Grant. Magdalene. Baron Glenelg.
1802. *White, Thomas Penny. *Queens'*. 1st Smith's Prize. M.A. 1805. Became a clergyman, and in 1842 founded at Queens' College a prize for the commencing Bachelor who has taken the highest degree.
16. Hon. E. Stanley. *St. John's*. Bp. of Norwich 1837-49. Father of the late Dean of Westminster (1 Cl. Oxford 1837).
1803. Starkie, Thomas. *St. John's*. 1st Smith's Prize. 2nd Members' Prize 1805. **St. Catharine's*. M.A. 1806. Tutor of *St. Catharine's*. Downing Professor of Laws 1823-49. University Counsel 1825-45. K.C. 1835. Judge of Clerkenwell County Court 1847-9 (d). His father was Senior in 1771. *D.N.B.*
- 5 (A). James Parke. Trinity. Baron of Exchequer 1834-54. Lord Wensleydale.
10. George Davys. *Christ's*. Bp. of Peterborough 1839-64.
- 13 Thos. Coltman. Trinity. Judge of Common Pleas 1837-49.

1804. *Kaye, John. *Christ's*. 2nd Smith's Prize and Senior Classical Medal. M.A. 1807. B.D. 1814. D.D. (by Mandate) 1815. Son of Abraham Kaye, a linen draper, in Angel Row, Hammersmith. Master of *Christ's* 1814-30. Regius Professor of Divinity 1816-27. Bishop of Bristol 1820; Lincoln 1827-53 (d). In 1848 he was chosen Visitor of Balliol College, Oxford—a great compliment, as the Master and Fellows of that College enjoy the privilege of electing their own Visitor. *D.N.B.*

The 1st Smith's Prize was awarded to the 2nd Wrangler, William Albin Garratt. Trinity. M.A. 1807.

7 (B). J. H. Monk. Trinity. As Prof. of Greek (1808-23), he became the official leader of some enthusiastic Classical Scholars, including the Blomfields, Dobree, and Kaye. Bp. of Gloucester 1830-56.

P. P. Dobree, Prof. of Greek 1823-25, was 3rd Sen. Opt. this year.

1805. *Turton, Thomas. *St. Catharine's*. Son of Thomas Turton, of Hatfield, Yorks. Smith's Prize. M.A. 1808. B.D. 1816. D.D. (by Mandate) 1828. Moderator 1810, 1, 2. Lucasian Professor 1822-6. Regius Professor of Divinity 1827-43. Dean of Peterborough 1830; Westminster 1842. Bishop of Ely 1845-64 (d). Was also a musical composer. *D.N.B.*

2. S. H. Christie. Trinity. Bracketed equal with Turton for the Smith's Prizes. Prof. of Math., Royal Mil. Acad., Woolwich, 1806-54.

1806. *Pollock, Jonathan Frederick. *Trinity*. 1st Smith's Prize. M.A. 1809. Commissary 1824-35. F.R.S. 1816. M.P. for Huntingdon 1831-41. Attorney-General 1834. Lord Chief Baron 1841-66. Created a Baronet in 1866. Died in 1870. His father, David Pollock, Saddler to the King, had three distinguished sons, several of whose descendants have obtained high places in the Triposes. *D.N.B.*

1807. Gipps, Henry. *St. John's*. 1st Smith's Prize. LL.B. 1810. Vicar of St. Peter, Hereford, 1824-32 (d).

1808. *Bickersteth, Henry. *Caius*. Third son of Henry Bickersteth, a surgeon at Kirkby Lonsdale. 1st Smith's Prize. M.A. 1811. Master of the Rolls 1835-51 (d). Created Baron Langdale in 1836. *D.N.B.*
- 2 (2). M. Bland. St. John's. Afterwards Tutor of his College.
- 3 (A). C. J. Blomfield. Trinity. Bp. of London 1836-56.
- Bickersteth, born in June, 1783, was about three years older than his immediate rivals, and Bland had been trained to mathematical studies from his infancy. In the problem paper Blomfield was first. He did not compete for the Smith's Prizes.
5. Adam Sedgwick. Trinity. Prof. of Geology 1818-73.
1809. *Alderson, Edward Hall. *Caius*. Son of Robert Alderson, Recorder of Norwich. 1st Smith's Prize and Senior Chancellor's Medal. Members' Prizes (2nd Prize in 1810 and 1st in 1811). In 1807 he won the Browne Medal for Epigrams. M.A. 1812. Judge of Common Pleas 1830; Baron of Exchequer 1834-57 (d). He obtained the first places both in Mathematics and Classics, as did Brundish in 1773 and Webster in 1756 (before the foundation of Smith's Prizes). A daughter of Baron Alderson was married to the late Marquess of Salisbury. *D.N.B.*
- 2 (2) (B). J. Standly. Tutor of *Caius*. In any other year these honours would have been considered phenomenal.
- 3 (2). G. C. Gorham. Queens'. Antiquary and Divine. Was beaten by Sedgwick in contest for Geological Professorship. Occasioned the "Gorham Controversy."
1810. *Maule, William Henry. *Trinity*. Son of Henry Maule, a medical practitioner at Edmonton. 1st Smith's Prize. M.A. 1813. Judge of Common Pleas 1839-53. Privy Councillor 1855. Died in 1858. Noted for his witty sayings. *D.N.B.*

2 (2) (A). T. S. Brandreth. Trinity. F.R.S. 1821.
Inventor and Classical Writer. Educated at Eton.

14. Thos. Musgrave. Trinity. Abp. of York 1848-60.

1811. Dicey, Thomas Edward. *Trinity*. 1st Smith's Prize. M.A.
1814. Proprietor of the *Northampton Mercury*, and
Chairman of the Midland Railway. Died in 1858.
Father of Edward Dicey, C.B., and the Oxford Professor,
A. V. Dicey.

2 (2). W. French. Master of Jesus Coll. 1820-49.

13 (A). E. V. Blomfield. Caius. Classical Scholar.
Died in 1816.

1812. *Neale, Cornelius. *St. John's*. 1st Smith's Prize and 2nd
Chancellor's Medal. M.A. 1815. Miscellaneous writer.
Died in 1823. Father of Dr. J. M. Neale, the
Hymnologist, etc. *D.N.B.*

17. R. M. Rolfe. Trinity. Baron Cranworth. Lord
Chancellor in 1852.

✓ 1813. *Herschel, John Frederick William. *St. John's*. Only son
of Sir William Herschel, the eminent Astronomer. 1st
Smith's Prize. M.A. 1816. Mathematician and
Astronomer. Master of the Mint 1849, etc. Died in
1871. *D.N.B.*

✓ 2 (2). George Peacock. Trinity. Mathematician and
University Reformer. Lowndean Prof. 1836-58.
Dean of Ely 1839-58.

5. Andrew Amos. Trinity. Downing Prof. of Laws
1849-60. Father-in-law of Lewis Hensley.

13 (B). T. Robinson. Trinity. M. of the Temple
1845-69.

Charles Babbage (Lucasian Prof. 1828-39) took a poll
degree this year, saying that he could not be Senior
Wrangler, and that he refused to be second.

1814. *Gwatkin, Richard. *St. John's*. 1st Smith's Prize. M.A.
1817. D.D. 1824. Moderator 1819. Tutor of *St. John's*.
Vicar of Barrow-on-Soar 1832-70 (d). Father of the
present Dixie Professor of Ecclesiastical History.

4. R. T. Kindersley. Trinity. Vice-Chancellor of
England 1851-66.

14 (B). H. V. Elliott. Trinity. Inc. of St. Mary, Brighton, 1827-65.

15 (A). G. Millett. Christ's. Became a private tutor at Brighton. Among his pupils were Sir W. F. Pollock and two of the Lushingtons.

1815. Leicester, Charles George Frederick. *Trinity*. 1st Smith's Prize. **Christ's*. M.A. 1818 (as G. C. F. Leicester). From Christ's Hospital.

Two of his sons obtained places in the Triposes of 1847 and 1851.

5. J. Wigram. Trinity. Vice-Chancellor of England 1841-50. Son of Sir R. Wigram.

1816. *Jacob, Edward. *Caius*. 1st Smith's Prize. M.A. 1819. Barrister (Lincoln's Inn) 1819. K.C. 1834. Died in 1843. *D.N.B.*

2 (2). W. Whewell. Trinity. Prof. of Moral Philos. 1838-55. M. of Trinity 1841-66. Historian of the Inductive Sciences. Founder of the Scholarships.

3. R. Graham. Trinity. Also Chancellor's Medallist. Bp. of Chester 1848-65.

10. R. Sheepshanks. Trinity. Barrister 1825. Ordained in 1828. F.R.S. 1830. Astronomer. Being affluent, he did not accept any clerical preferment. Founder of the Exhibition for Astronomy.

1817. *Austen, John Thomas. *St. John's*. 1st Smith's Prize. M.A. 1820. B.D. 1823. Rector of West Wickham 1848-76. Honorary Canon of Canterbury 1873-6 (d).

4. R. Dawes. Trinity. Dean of Hereford 1850-67.

14 (A). H. J. Rose. Trinity. Associated with the inception of the Oxford Tractarian Movement. Prin. of King's Coll., London, 1836-8.

1818. *Lefevre, Charles Shaw. *Trinity*. Second son of Charles Shaw, a barrister, M.P. for Reading 1802-20, who married Miss Lefevre, daughter and heiress of John Lefevre, of Heckfield Place, Hants. Educated at Eton. 1st Smith's Prize. M.A. 1819. Hon. LL.D. 1864. Clerk of the Parliaments 1855-79 (d). K.C.B. Vice-Chancellor of London University 1842-62. He "had

a passion for acquiring languages, reading easily fourteen in all, including Hebrew. He began Russian after he was sixty-five." *D.N.B.*

1819. *King, Joshua. *Queens'*. 1st Smith's Prize. M.A. 1822. LL.D. (by Mandate) 1838. Mathematical Examiner 1824, 7, 9, 31. Moderator 1826, 8, 30. President of *Queens'* 1832-57 (d). Lucasian Prof. 1839-49.

1820. *Coddington, Henry. *Trinity*. 1st Smith's Prize. M.A. 1823. Moderator 1827. Tutor of *Trinity*. Vicar of Ware 1832-45 (d). A distinguished writer upon Optics. His name survives in the "Coddington" lens. His wife was a daughter of Dr. Batten, the Principal of Haileybury College. *D.N.B.*

6. J. C. Wigram. *Trinity*. Bp. of Rochester 1860-7. Brother of Sir J. Wigram.

1821. *Atkinson, Solomon. *Trinity*. 2nd Smith's Prize. Did not proceed M.A. Barrister (Lincoln's Inn) 1827. Draftsman of the County Court Extension Act, 1850. Died early in 1865. Was a native of Cumberland.

The 1st Smith's Prize went to the 2nd Wrangler, Henry Melvill. St. John's. Became a noted preacher, and Canon of St. Paul's 1856-71. Father of the late Sir Maxwell Melvill, K.C.I.E.

6 (A). A. Ollivant. *Trinity*. Bp. of Llandaff 1849-82.

1822. *Holditch, Hamnet. *Caius*. 1st Smith's Prize. M.A. 1825. Son of George Holditch, pilot, of Lynn. Educated at Lynn Grammar School. President (or Vice-Master) of *Caius* 1835-67 (d).

30 (A). George Long. *Trinity*. Classical Scholar and Historian.

T. B. Macaulay (Craven Scholar in 1821) took a poll degree this year.

1823. Airy, George Biddell. *Trinity*. Son of William Airy, a collector of excise, who married the daughter of a Suffolk farmer. 1st Smith's Prize. M.A. 1826. Hon. LL.D. 1862. Lucasian Professor 1826; Plumian Professor 1828-36. Rede Lecturer 1864. Elected Honorary Fellow of his College in 1867. F.R.S. (Copley Medal 1831).

Astronomer Royal 1835-81. President of the Royal Society 1871-3. K.C.B. 1872. Died in 1892. *D.N.B.*

1824. *Cowling, John. *St. John's*. 1st Smith's Prize. M.A. 1827. Deputy High Steward 1839-55. University Counsel 1843-55 (d).
24. W. Page Wood. *Trinity*. Baron Hatherley. Lord Chancellor 1868-72.
1825. *Challis, James. *Trinity*. Fourth son of John Challis. Born at Braintree, and educated at Mill Hill. 1st Smith's Prize. M.A. 1828. Moderator 1831. Mathematical Examiner 1832. Plumian Professor 1836-82 (d). Rector of Papworth Everard 1830-52. *D.N.B.* ✓
1826. *Law, William. *Trinity*. 1st Smith's Prize. Son of a tailor in Trinity Street, Cambridge. M.A. 1829. Rector of Orwell 1836-59 (d).
2. John Hymers. *St. John's*. Founder of Hymers' Coll., Hull.
4 (2). W. H. Hanson. *Caius*. R. of Hockwold and Hon. Canon of Norwich.
9. R. Willis. *Caius*. The celebrated writer upon Mediæval Architecture, etc. Jacksonian Prof. 1837-75 (d). ✓
1827. *Gordon, Henry Percy. *Peterhouse*. 2nd Smith's Prize. M.A. 1830. Sir H. P. Gordon, Bt., F.R.S. Died in July, 1876.
The 1st Smith's Prize was awarded to the 2nd Wrangler, Thomas Turner, of Trinity College.
3 (and 13th Classic). A. Cleasby. *Trinity*. Baron of Exchequer 1868-78.
4. Augustus De Morgan. *Trinity*. The celebrated Mathematician. Being a Dissenter, he was not allowed to compete for a Smith's Prize or a Fellowship. His wife was a daughter of W. Frend.
7. W. Hopkins. *Peterhouse*. (Born in 1793.) A very successful private tutor, seventeen of his pupils becoming Senior Wranglers.

1828. *Perry, Charles. *Trinity*. 1st Smith's Prize. Also 7th Classic. M.A. 1831. D.D. (by Mandate) 1847. Bishop of Melbourne 1847-76. Died in 1891. *D.N.B.*

6 (A). W. Selwyn. *St. John's*. Also Senior Classic. Margaret Prof. of Div. 1855-75. A munificent benefactor of the Cambridge Divinity School. Elder brother of G. A. Selwyn. *St. John's*. (Jun. Opt. and 2nd Classic 1831. Bp. of New Zealand 1841; Lichfield 1867-78.)

18 (B). T. W. Peile. *Trinity*. Also 2nd Classic. Hd. M. of Repton 1841-54. Father of Dr. John Peile, M. of Christ's College.

1829. *Philpott, Henry. *St. Catharine's*. Son of Richard Philpott, of Chichester, and educated at the Cathedral School there: 2nd Smith's Prize and 14th Classic. M.A. 1832. B.D. 1839. D.D. (by Mandate) 1847. Moderator 1833, 4, 6. Proctor 1834. Mathematical Examiner 1837, 8. Select Preacher 1841, 6. Master of *St. Catharine's* 1845-61. Vice-Chancellor 1856, 7. Honorary Fellow 1887. Bishop of Worcester 1861-90. Died in 1892. *D.N.B.*

The 1st Smith's Prize was awarded to the 2nd Wrangler, Hon. William Cavendish. *Trinity*. Also 8th Classic. M.P. for the University 1829-31. Hon. LL.D. 1835. Chancellor 1861-92 (d). Earl of Burlington 1834. Seventh Duke of Devonshire 1858.

1830. *Whitley, Charles Thomas. *St. John's*. Also 2 Cl. M.A. 1833. Reader in Natural Philosophy in the University of Durham. Honorary Canon of Durham 1849. Vicar of Bedlington, Northumberland, 1854-95 (d).

2 (2). J. W. L. Heaviside. *Sidney*. Prof. at Haileybury 1836-60. Canon of Norwich 1860-96.

3. Edwin Steventon. *Corpus*. 1st Smith's Prize. M.A. 1833. B.D. 1841. Math. Exam. 1834, 5, 9. Mod. 1837, 8, 41. Proctor 1839. Select Pr. 1843.

4. C. Pritchard. *St. John's*. Hd. M. of Clapham Gr. Sch. 1834-62. ~~Savilian Prof.~~ of Astronomy at Oxford 1870-93.

36. T. Milner Gibson. Trinity. President of the Bd. of Trade 1859.
1831. *Earnshaw, Samuel. *St. John's*. 1st Smith's Prize. M.A. 1834. Moderator 1836. Mathematical Examiner 1837. Author of a Treatise on Dynamics. Chaplain of Sheffield 1847. Died in December, 1888.
3. George Budd. Caius. Professor of Medicine, King's College, London, 1840-62.
6. R. P. Amphlett. Peterhouse. A Lord Justice of Appeal in 1876.
- James Spedding, Trinity, the Bacon Scholar, was Jun. Opt. and 2 Cl. this year.
1832. *Heath, Douglas Denon. *Trinity*. 1st Smith's Prize and 9th Classic. Son of Serjeant Heath, County Clerk of Middlesex. M.A. 1835. Judge of Bloomsbury County Court 1847-65. Co-Editor of Bacon's Works. Died in 1897. *D.N.B.*
- 2 (2). S. Laing. *St. John's*. Chairman of L.B. and S.C. Railway.
24. E. Harold Browne. Emmanuel. Bp. of Winchester 1873-91.
26. R. Potts. Trinity. Editor of a well-known edition of Euclid.
34. H. Alford. Trinity. Also 8th Classic. Greek Testament Scholar. Dean of Canterbury 1857-71.
- Charles R. Darwin, Christ's, took a poll degree. Hon. LL.D. 1878.
1833. Ellice, Alexander. *Caius*. 1st Smith's Prize. M.A. 1837. From Harrow. Son of William Ellice, of Montrose, Aberdeen, and related to Rt. Hon. Edward Ellice, Secretary of War in 1833. Barrister (Lincoln's Inn) 1839. Died in April, 1840.
1834. *Kelland, Philip. *Queens'*. Born at Dunster. Son of Rev. Philip Kelland, Rector of Landcross, Devon. 1st Smith's Prize. M.A. 1837. F.R.S. 1838. Professor of Mathematics in the University of Edinburgh 1838-79 (d). *D.N.B.*

6. Robt. Main. Queens'. Radcliffe Observer at Oxford 1860-78. Married a sister of P. Kelland.
1835. *Cotterill, Henry. *St. John's*. 1st Smith's Prize and 9th Classic. M.A. (by Mandate) 1836. D.D. 1857. Chaplain to the East India Company 1836-50. Principal of Brighton College 1851-6. Bishop of Grahamstown 1857; Edinburgh 1872-86.
- 2 (2) (A). Henry Goulburn. Trinity. Also Senior Classic in a year when the seven first places (out of ten) in the First Class were obtained by Trinity men. Son of Rt. Hon. H. Goulburn, Chancellor of the Exchequer.
3. R. Rawle. Trinity. Also 4th Classic. Bp. of Trinidad 1872-88.
9. W. E. Scudamore. *St. John's*. Author of "Notitia Eucharistica."
1836. *Smith, Archibald. *Trinity*. 1st Smith's Prize. Son of James Smith, of Jordan Hill, Author of a book on the Voyages of St. Paul. M.A. 1839. Barrister (Lincoln's Inn) 1841. F.R.S. 1856 (Royal Medal 1865). Founder, with D. F. Gregory, of the Cambridge Mathematical Journal. Became an eminent Real Property Lawyer. Made valuable researches into Compass Deviations on iron ships. Died in 1872. *D.N.B.*
- 2 (2). J. W. Colenso. *St. John's*. Bp. of Natal 1853-83.
1837. *Griffin, William Nathaniel. *St. John's*. 1st Smith's Prize. M.A. 1840. B.D. 1847. Mathematical Examiner 1848. Tutor of *St. John's* 1837-49. Vicar of Ospringe, Kent, 1848-92 (d).
2. James Joseph Sylvester. *St. John's*. B.A. 1872. Hon. LL.D. 1890. F.R.S. (Copley Medal 1880). As a Jew, he was not eligible for a Smith's Prize, a Fellowship, nor a degree. Prof. at Woolwich 1855-70. Prof. in the Johns Hopkin's Univ., U.S.A. Savilian Prof. of Geometry, Oxford, 1883-97 (d). *D.N.B.*

4. George Green (born in 1793). Caius. "Stood head and shoulders above all his companions in and outside of the University." Died in 1841. *D.N.B.*

5. D. F. Gregory. Trinity. Died in 1844. First Editor of the Cambridge Mathematical Journal.

1838. *Main, Thomas John. *St. John's*. Younger brother of Robert Main. 1st Smith's Prize. M.A. 1841. Chaplain in Royal Navy, and was for thirty-four years a Professor in the Royal Naval College at Portsmouth. Died in 1885. *D.N.B.* ✓ 7

30. E. B. Denison. Trinity. Barrister, clock designer, and amateur architect, chiefly ecclesiastical, spending immense sums upon his Restoration of St. Alban's Cathedral. Created Baron Grimthorpe in 1886.

1839. *Cowie, Benjamin Morgan. *St. John's*. Youngest son of Robert Cowie, merchant and insurance broker in London. 2nd Smith's Prize. M.A. 1842. B.D. 1855. D.D. 1881. Moderator 1843. Select Preacher 1852, 6. Hulsean Lecturer 1853. Ramsden Sermon 1859. Gresham Professor of Geometry 1854. Vicar of St. Lawrence, Jewry, 1857-73, and H.M. Inspector of Schools 1857-72. Dean of Man 1872; Exeter 1883-1900. *D.N.B.*

The 1st Smith's Prize was awarded to the 2nd Wrangler, Percival Frost. *St. John's*. Math. Exam. 1846, 54, 60, 2, 9, 82, 3. Mod. 1855, 61, 82. Co-Author, with J. Wolstenholme, of a Treatise on Solid Geometry. *D.N.B.*

1840. *Ellis, Robert Leslie. *Trinity*. Son of Francis Ellis, of Bath. Educated at home and by Rev. James Challis. 1st Smith's Prize. M.A. 1843. Moderator 1844. Mathematical Examiner 1845. Co-Editor (with Heath and Spedding) of Bacon's Works. A distinguished Mathematician. Died in 1859. *D.N.B.*

2 (2). Harvey Goodwin. Caius. Bp. of Carlisle 1869-92. Wrote many volumes on Theological topics and also edited the Mathematical Papers of R. L. Ellis.

1841. *Stokes, George Gabriel. *Pembroke*. 1st Smith's Prize. Son of Gabriel Stokes, Rector of Skreen, Sligo. M.A. 1844. Hon. LL.D. and Sc.D. 1899. Moderator 1846, 7, 8. Mathematical Examiner 1849 and 1887. Lucasian Professor 1849-1903. Hopkins Prize 1867. M.P. for the University 1887-92. Master of *Pembroke* 1903. President of the British Association 1869. President of the Royal Society 1885-9. A Baronet in 1889. Died in 1903. His scientific papers have been published by the University Press. [*Who's Who*.]
1842. *Cayley, Arthur. *Trinity*. Born at Richmond, Surrey; second son of Henry Cayley. Educated at King's College, London. 1st Smith's Prize. M.A. 1845. Sadlerian Professor of Pure Mathematics 1863-95 (d). Hon. Fellow 1872. Barrister (Lincoln's Inn) 1849. F.R.S. 1852 (Copley Medal 1882). President of the British Association 1883. Sir George Stokes worked chiefly at Mathematical Physics; Professor Cayley's work was research in the various branches of Higher Algebra, and his nine hundred papers have been published in thirteen volumes by the University Press. *D.N.B.*
1843. *Adams, John Couch. *St. John's*. Eldest son of Thomas Adams, a tenant farmer, whose wife, formerly Miss Grylls, had a small estate. 1st Smith's Prize. M.A. 1846. Hon. Sc.D. 1888. **Pembroke* 1853. Moderator 1847. Proctor 1851. Lowndean Professor 1858-92 (d). The eminent Astronomer; discovered the planet Neptune in 1845. F.R.S. (Copley Medal 1848). Refused the honour of Knighthood in 1847, and in 1881 declined the post of Astronomer Royal, vacated in that year by Airy. *D.N.B.*
2. Francis Bashforth. *St. John's*. Prof. at Woolwich 1864-74. Known for his work on the Motion of Projectiles.
1844. *Hemming, George Wirgman. *St. John's*. Second son of H. K. Hemming, of Gray's Hall. Educated at Clapham Grammar School. 1st Smith's Prize. M.A. 1847.

University Counsel 1875-9. Official Referee of the Supreme Court. Among other scientific and legal work, he published, in 1893, a book on the Mathematical Theory of Billiards. [*Who's Who.*]

1845. *Parkinson, Stephen. *St. John's*. Born at Keighley. Son of a land agent, who died when the son was in his infancy. 2nd Smith's Prize. M.A. 1848. B.D. 1855. D.D. 1869. Mathematical Examiner 1849. Moderator 1852. Proctor 1864. Tutor of *St. John's* 1864-82. (Declined candidature for the Mastership in 1881.) It is said that before the Tripos he spent three months in acquiring rapidity of work. He was a very successful Tutor. Died in 1889. His widow subsequently married G. F. Cobb. (**Trinity*. 11th Classic in 1861.) *D.N.B.*

The 1st Smith's Prize was gained by the 2nd Wrangler, William Thomson, Peterhouse, the celebrated Mathematician and Physicist. Prof. of Natural Philosophy at Glasgow 1846-99. President of the British Association 1871 and of the Royal Society 1890-5. Is Chancellor of Glasgow University. Created Baron Kelvin in 1892. Is also a Privy Councillor, G.C.V.O., and a Member of the Order of Merit. The researches and generalisations of this distinguished man have, by their number, brilliance, and wide range, caused him to be regarded as a second Newton. His scientific papers have been published by the Cambridge University Press.

1846. *Hensley, Lewis. *Trinity*. Son of Lewis Hensley, F.R.C.S. Educated at King's College, London. 1st Smith's Prize. M.A. 1849. Moderator 1850, 5. Mathematical Examiner 1851. Select Preacher 1857. Tutor of *Trinity* 1846-52. Vicar of Hitchin 1856-1906 (d). His first wife was daughter of Professor Andrew Amos. [*Who's Who.*]
1847. *Wilson, William Parkinson. *St. John's*. 1st Smith's Prize. M.A. 1850. From Peterborough. Professor of Mathematics in the University of Melbourne 1855-74.

5. W. Emery. Corpus. First Organiser of Church Congresses. Canon of Ely since 1861.
14. H. R. Luard. Trinity. Registry 1862-91.
1848. *Todhunter, Isaac. *St. John's*. 1st Smith's Prize and Burney Prize. Second son of an Independent Minister at Rye, who died in 1826. M.A. 1851. Sc.D. 1883. Moderator 1865. Mathematical Examiner 1866. Adams Prize 1871. Tutor of *St. John's*; Honorary Fellow 1874. Author of many well-known Text-books, besides Histories of the Mathematical Theory of Attraction and the Theory of Elasticity. Also published two volumes on the Life and Writings of Whewell. Born in 1820, Mr. Todhunter's age was about six years above the average. So far back as 1842 he had graduated B.A. in the University of London, and had been awarded the Scholarship for Mathematics. He died in 1884. "Besides being a sound Latin and Greek Scholar, he was familiar with French, German, Spanish, Italian, and also Russian, Hebrew, and Sanscrit." *D.N.B.*
2. C. F. Mackenzie. Caius. Bp. in Central Africa 1861-2.
- 4 (2). Alfred Barry. Trinity. Also 7th Classic. Prin. of King's Coll., London, 1868-83. Bp. of Sydney 1884-9.
- 24 (B). B. F. Westcott. Trinity. Also bracketed Senior Classic. Bp. of Durham 1890-1901. His son, F. B. Westcott, was Senior Classic in 1881.
1849. *Pell, Morris Birkbeck. *St. John's*. 2nd Smith's Prize. Did not proceed M.A. Professor of Mathematics in the University of Sydney 1852-77. Died in 1879.
- The 1st Smith's Prize was awarded to the 2nd Wrangler, Henry Carlyon Phear. Caius. Barrister (Inner Temple). Died in 1880. His father was 13th in 1815.
1850. *Besant, William Henry. *St. John's*. Third son of William Besant. Born at Portsmouth. 1st Smith's Prize. M.A. 1853. Sc.D. 1883. Moderator 1856 and 1886. Mathematical Examiner 1857. Esquire Bedell 1866-70.

Mathematical Lecturer at *St. John's*; formerly Tutor. In 1861 married a daughter of Rev. Professor Willis. Of his brothers, the late Sir Walter Besant was 18th Wrangler in 1859, and Rev. Frank Besant 28th in 1863. [*Who's Who.*]

4. R. B. Hayward. *St. John's*. B.A. (Lond.) 1847. M. at Harrow.

1851. *Ferrers, Norman Macleod. *Caius*. Son of Thomas Bromfield Ferrers, stockbroker. 1st Smith's Prize. From Eton. M.A. 1854. D.D. 1881. Mathematical Examiner 1855, 60, 3, 7, 73, 8, 82, 3, 5. Moderator 1858, 9, 62, 6, 72. Master of *Caius* 1880-1904 (d). Vice-Chancellor 1884, 5. Barrister (Lincoln's Inn) 1855. Ordained in 1859. Tutor of *Caius* 1865-80. F.R.S. 1877. In 1866 he married a daughter of Dr. John Lamb, Master of *Corpus* 1822-50 (15th Wrangler in 1811). [*Who's Who.*]

31 (A). J. B. Lightfoot. Trinity. Also Senior Classic. Bp. of Durham 1879-90.

1852. *Tait, Peter Guthrie. *Peterhouse*. Born at Dalkeith. 1st Smith's Prize. From Edinburgh Academy. M.A. 1855. Honorary Fellow. Professor of Mathematics in Queen's College, Belfast, 1854-60. Professor of Natural Philosophy in the University of Edinburgh 1860. Co-Author, with Lord Kelvin, of a great Treatise on Natural Philosophy. [*Who's Who.*]

1853. *Sprague, Thomas Bond. *St. John's*. Son of Thomas Sprague, a wholesale stationer in London. 1st Smith's Prize. M.A. 1856. Barrister (Inner Temple) 1859. Fellow of the Institute of Actuaries. Manager of the Scottish Equitable Life Assurance Society, Edinburgh, 1873-1900. [*Who's Who.*]

1854. *Routh, Edward John. *Peterhouse*. Smith's Prize. Son of Sir Randolph Routh, K.C.B., Commissary-General. M.A. 1857. Sc.D. 1883. Adams Prize 1877. Moderator 1860, 93, 1900. Mathematical Examiner 1861, 88, 9. Achieved phenomenal success as a private tutor, no fewer than twenty-seven Senior Wranglers having been

his pupils during the period 1855-88. Author of Treatises on Analytical Statics, Rigid Dynamics, and Dynamics of a Particle. Married, in 1864, a daughter of Sir G. B. Airy. Mr. Routh died in 1907. [*Who's Who.*]

Bracketed equal with Routh for the Smith's Prizes was the 2nd Wrangler, James Clerk Maxwell. Trinity. Adams Pri. 1857. Hopkins Pri. 1870. Cavendish Prof. of Experimental Physics 1871-9 (d). Rede Lecturer 1878. Recognised as one of the very greatest of English Physicists. *D.N.B.*

20. L. Stephen. Trinity Hall. Sir Leslie Stephen, Litt.D.

1855. Savage, James. *St. John's*. Smith's Prize. From University College, London. Was found drowned near Cambridge in April, 1855.

Bracketed equal for the Smith's Prizes was the 2nd Wrangler, Leonard Henry Courtney. *St. John's*. M.A. 1858. Hon. LL.D. 1898. Economist and Politician. Created Baron Courtney in 1906.

✓1856. *Hadley, Augustus Vaughton. *St. John's*. 1st Smith's Prize. From the Parish School of St. Peter, Eaton Square. M.A. 1859. Moderator 1861. Mathematical Examiner 1862. Tutor of *St. John's*. Died in March, 1867.

2 (2). J. Rigby. Trinity. A Lord Justice of Appeal.
7. H. Fawcett. Trinity Hall. Postmaster-General.
30. G. F. Browne. *St. Catharine's*. Bp. of Bristol in 1897.

1857. *Finch, Gerard Brown. *Queens'*. A native of Wigan; educated at the Grammar School. 2nd Smith's Prize. M.A. 1860. Hon. Fellow in 1886. Barrister (Lincoln's Inn); 1864. Ordained Deacon in 1888. Author of a Collection of Leading Cases on the Law of Contract.

3. J. E. Gorst. *St. John's*. Solicitor-General 1885. M.P. for the Univ. 1892-1900. Politician and Educationist.

4. John Venn. Caius. Author of Treatises on Logic and of a splendid Biographical History of Caius College.

1858. *Slesser, George Middleton. *Queens'*. From Aberdeen. 1st Smith's Prize. M.A. 1861. Professor of Mathematics in Queen's College, Belfast, 1860-2. Died in December, 1862.
14. W. W. Skeat. Christ's. Also 1 Theol. 1859. Prof. of Anglo-Saxon.
1859. *Wilson, James Maurice. *St. John's*. Son of Rev. Edward Wilson (17th in 1825). Second Bell Scholar 1856. M.A. 1862. Master at Rugby 1859; Headmaster of Clifton 1879-90. Vicar of Rochdale and Archdeacon of Manchester 1890-1905. Canon of Worcester 1905. [*Who's Who*.]
- The 1st Smith's Prize went to the 4th Wrangler, William Jack. Peterhouse. Prof. of Math. in Univ. of Glasgow. ✓
- 6 (2). R. B. Clifton. *St. John's*. Prof. of Experimental Philos. at Oxford. ✓
12. W. Grylls Adams. *St. John's*. Prof. of Nat. Philos. King's Coll., London. Brother of J. C. Adams. ✓
18. Walter Besant. Christ's. Novelist and Historian of London.
- 33 (A). H. Sidgwick. Trinity. Also Senior Classic. Prof. of Moral Philos. 1883-1900.
1860. *Stirling, James. *Trinity*. Eldest son of Rev. James Stirling, U.P. Minister, Aberdeen. 1st Smith's Prize. From Aberdeen University. Sheepshanks Astronomical Exhibition 1859. M.A. 1863. Judge of Supreme Court 1886-1900. Lord Justice of Appeal 1900-5. [*Who's Who*.]
1861. Aldis, William Steadman. *Trinity*. Educated at the City of London School, which produced also this year's Senior Classic (E. A. Abbott). 1st Smith's Prize. M.A. 1864. Principal and Professor of Mathematics, Auckland College, New Zealand. From the City of London School. Son of a Baptist Minister, whose death, at the age of ninety-nine, has just been announced. Two brothers were respectively 6th Wrangler in 1863 and 2nd in 1866.
3. W. H. H. Hudson. *St. John's*. Prof. of Math., King's Coll., London, 1880-1903.

1862. *Barker, Thomas. *Trinity*. 1st Smith's Prize. Sheepshanks Exhibition 1861. M.A. 1865. From Aberdeen University. Professor of Mathematics in Owens College, Manchester.

8. M. I. Joyce. *Caius*. Judge of Supreme Court.

1863. *Romer, Robert, *Trinity Hall*. Smith's Prize. Son of Frank Romer, musical composer. M.A. 1866. Hon. Fellow. Professor of Mathematics in Queen's College, Cork, 1865-6. Judge of Supreme Court 1890-9. Lord Justice of Appeal 1899-1906. G.C.B. 1901. Married a daughter of Mark Lemon, for many years Editor of *Punch*. [*Who's Who*.]

2. E. T. Leeke. *Trinity*. Bracketed equal for Smith's Prizes; also 2 Cl. and 1 Theol. Sub-Dean of Lincoln.

1864. Purkiss, Henry John. *Trinity*. 1st Smith's Prize. From the City of London School. Principal of the Royal School of Naval Architecture. Drowned in the River Cam 1865.

2 (2). W. P. Turnbull. *Trinity*. Also 2 Cl. H.M. Inspector of Schools. Is brother-in-law of W. H. H. Hudson.

1865. *Strutt, Hon. John William. *Trinity*. 1st Smith's Prize. Sheepshanks Exhibition 1864. Eldest son of the second Baron Rayleigh, whose wife was a daughter of Captain Edward Vicars, R.E. M.A. 1868. Hon. Sc.D. 1888. Hopkins Prize 1873. Hon. Fellow of *Trinity* 1883. Cavendish Professor 1879-84. Secretary to the Royal Society 1887-96. Professor of Natural Philosophy, Royal Institution, since 1887. Became third Baron Rayleigh on his father's death in 1873. Has been Lord Lieutenant of Essex, and is a Member of the Order of Merit. Besides numerous Scientific Memoirs, he has published a great work on the Theory of Sound. Lady Rayleigh is daughter of J. M. Balfour, of Whittingehame, who married a daughter of the second Marquess of Salisbury (1791-1830). [*Who's Who*.]

36. R. E. Webster. *Trinity*. Lord Alverstone, L.C.J.

1866. *Morton, Robert. *Peterhouse*. A native of Greenock. Educated at Glasgow University. 1st Smith's Prize. **Christ's*. M.A. 1869. Died in 1872.

3 { W. D. Niven. Trinity. Director of Studies, R.N. Coll., Greenwich. K.C.B. 1903.
J. Stuart. Trinity. Prof. of Mechanism 1875-89. M.P. for Hoxton 1885-1900.

1867. *Niven, Charles. *Trinity*. Educated at Aberdeen. (Ferguson Scholar.) Sheepshanks Exhibition 1866. M.A. 1870. Professor of Natural Philosophy in the University of Aberdeen. [*Who's Who*.]

The 1st Smith's Prizeman this year was Robert Kalley Miller, of Peterhouse, who had been thrown out of a carriage just before the Tripos. In the Calendars his name appears ægrotat below the Wranglers, etc. M.A. 1870. Esquire Bedell 1870-3. Mod. 1871, 7. Math. Exam. 1872. Prof. of Math. at Greenwich 1879-84. Died in 1889.

2 (2). W. K. Clifford. Trinity. A celebrated Mathematician, etc. Prof. in University Coll., London. Died in 1879.

35. H. M. Gwatkin. St. John's. Also 9th Classic, 1 Mor. Sc., 1 Theol., and Tyrwhitt Scholar: an unprecedented record. Dixie Prof. of Eccles. Hist. since 1891.

1868. Moulton, John Fletcher. *St. John's*. Son of Rev. James Egan Moulton, Wesleyan Minister. 1st Smith's Prize. From New Kingswood School. **Christ's*. M.A. 1871. M.P. (for Clapham, etc.) at various times since 1885. Lord Justice of Appeal since 1905. Is also M.A. of London University (in 1868. B.A., with Mathematical Scholarship in 1865). [*Who's Who*.]

2 (2). G. H. Darwin. Trinity. Plumian Prof. in 1883. President of British Association 1905. Son of Charles Darwin.

4. W. H. M. Christie. Trinity. Astronomer Royal since 1881.

9. H. B. Buckley. Christ's. Judge of Supreme Court since 1900.

1869. Hartog, Numa Edward. *Trinity*. Eldest son of Mons. Alphonse Hartog, a Frenchman, and teacher of French in London. 2nd Smith's Prize. From University College, London. B.A. of London University 1864 (Scholar in Classics and in Mathematics; also Prize for Animal Physiology. French and German Prizes in 1863). Clerk in H.M. Treasury. Died of smallpox in 1871. *D.N.B.*

The 1st Smith's Prizeman was John Elliott. St. John's. Meteorologist to the India Government. Now Sir J. Elliott, K.C.I.E.

1870. *Pendlebury, Richard. *St. John's*. Youngest son of J. Pendlebury. Smith's Prize. From Liverpool College. M.A. 1873. Moderator 1879. Mathematical Examiner 1880, 91, 2. University Lecturer in Mathematics. Was also a skilled musician. Died in 1902, leaving a large collection of musical books, etc., to the Fitzwilliam Museum.

2. Alfred George Greenhill. St. John's. Bracketed equal with Pendlebury for the Smith's Prizes. Math. Exam. 1875, 8, 81, 4, 5, 7, 8. Mod. 1877, 83. Prof. of Math. at Woolwich.

1871. *Hopkinson, John. *Trinity*. Eldest son of John Hopkinson, a mechanical engineer at Manchester. 1st Smith's Prize. Sheepshanks Exhibition 1868. From Owens College, Manchester. M.A. 1875. F.R.S. 1878. Engineer. Director of the Physical Laboratory, King's College, London, 1890-8. D.Sc. (Lond.) 1870; B.Sc. in 1868. Was killed while mountaineering in Switzerland. *D.N.B.*

1872. *Webb, Robert Rumsey. *St. John's*. Son of Thomas Webb, of Monmouth, at the Grammar School of which town he was educated. His father died just previously to the beginning of the second portion of the examination. 1st Smith's Prize. From Monmouth. M.A. 1875. Moderator 1883 and 1905. Mathematical Lecturer at *St. John's*.

- 2 (2). Horace Lamb. Trinity. Hopkins Pri. 1890.
Prof. of Math. in Manchester University.
9. A. H. F. Boughey. Trinity. Also 9th Classic.
Formerly Tutor, and now Senior Dean of Trinity.
29. H. F. Dickens. Trinity Hall. K.C. Son of the
Novelist.
1873. *Harding, Thomas Oliver. *Trinity*. Son of Rev. Thomas
Harding, a Wesleyan Minister. 1st Smith's Prize. From
Wharfedale. M.A. 1876. Master at Marlborough. Was
also a distinguished graduate of London University (B.A.
1868; B.Sc. 1871).
7. W. M. Hicks. St. John's. Hopkins Prize 1885.
Principal of University Coll., Sheffield.
1874. *Calliphronas, George Constantine. *Caius*. From Felstead.
M.A. 1877. Son of Rev. Demetrius Panhagis Calli-
phronas, Vicar of Walpole St. Andrew, Norfolk.
- The 1st Smith's Prizeman was Walter William Rouse
Ball. Trinity. 2nd Wrangler. From Univ.
Coll. School. M.A. 1877. Mod. 1882. Math.
Exam. 1883, 90. B.A. (Lond.) 1869. Author
of books on Mathematical History and Studies.
- 5 (2). G. H. Stuart. Emmanuel. Principal of Presi-
dency Coll., Madras.
8. J. G. Butcher. Trinity. Also 8th Classic. K.C.,
M.P. Brother of S. H. Butcher, M.P. (Senior
Classic in 1873).
1875. *Lord, John William. *Trinity*. Born at Ipswich in 1851.
Son of Rev. Isaac Lord, Baptist Minister. Sheepshanks
Exhibition 1874. From Amersham Hall School. M.A.
1878. B.A. (Lond.) 1870. Died in September, 1883.
- The 1st Smith's Prizeman was William Burnside.
Pembroke. Bracketed 2nd Wrangler. M.A.
1878. Mod. 1881. Math. Exam. 1880, 9, 90,
1, 3, 4. Prof. of Math. at Greenwich.
- 2 (2). G. Chrystal. Peterhouse. Prof. of Math. in
Univ. of Edinburgh.
1876. *Ward, Joseph Timmis. *St. John's*. Second son of the late
Henry Ward, of Banbury. 1st Smith's Prize. From

Rochester. M.A. 1879. Select Pr. 1879, 83, 4. For some years Tutor, and now Senior Dean of *St. John's*.

3. J. H. Poynting. Trinity. Adams' Pri. 1893. Prof. of Physics at Birmingham. B.Sc. (Lond.) 1872.

1877. McAlister, Donald. *St. John's*. Son of Donald McAlister, of Tarbert, Cantire. 1st Smith's Prize. From Liverpool Institute. M.A. 1880. M.B. 1881. MacAlister M.D. 1884. For many years Tutor at *St. John's*. Master at Harrow 1877. F.R.C.P. 1886. (Gulstonian and Cromian Lecturer in 1887 and 1888.) Principal of the University of Glasgow 1907. Before going up to Cambridge he had won Scholarships at Balliol and Worcester Colleges, Oxford. [*Who's Who*.]

3 (2). R. C. Rowe, Trinity. M.A. 1880. Tutor of Trinity. A brilliant pianist. F.R.S. Wrote several Mathematical Tracts before his premature death in 1884.

4 (2). J. P. Smith. Trinity. M.P. for Lanark. Son of Archibald Smith.

1878. *Hobson, Ernest William. *Christ's*. Son of W. Hobson, proprietor of the *Derbyshire Advertiser*. Educated at Derby. M.A. 1881. Sc.D. 1892. Moderator 1886. Mathematical Examiner 1887, 9, 92, 3, 8, 9. Proctor 1894. Tutor of *Christ's*. University Lecturer in Mathematics. President of the London Mathematical Society 1900-2. F.R.S. [*Who's Who*.]

The 1st Smith's Prizeman was J. E. A. Steggall. Trinity. 2nd Wrangler. M.A. 1881. Prof. of Math. in University Coll., Dundee.

3 (2). C. Graham. Caius. H.M. Inspector of Schools in Ireland.

1879. *Allen, Andrew James Campbell. *Peterhouse*. Only son of W. J. C. Allen, of the Ulster Bank, Belfast. Educated at Royal Academical Institution, Belfast. (B.A. of the Queen's University, Ireland, in 1875; M.A. 1877.) M.A. 1882. Moderator 1884, 5. Mathematical

Examiner 1885, 6. Tutor of *Peterhouse* 1879-84. Principal of Chester Training College 1886-90. Vicar of Little St. Mary, Cambridge, since 1892.

3. Karl Pearson. King's. Prof. at University Coll., London.

4. Macaiah John Muller Hill. *Peterhouse*. Bracketed Smith's Prizeman. From Mission School, Blackheath. M.A. 1883. Prof. of Pure Math. in University Coll., London, since 1884. M.A. (Lond., with Medal) 1876.

4 (bracketed). Arnold Joseph Wallis. Trinity. Bracketed Smith's Prizeman. M.A. 1882. Mod. 1890. Math. Exam. 1891. Proctor 1900. Fellow and Tutor of Corpus.

1880. *Larmor, Joseph. *St. John's*. Eldest son of Hugh Larmor, of Belfast. Educated at Queen's College, Belfast, and graduated M.A. at the Queen's University in Ireland 1877 (B.A. 1875). 1st Smith's Prize. M.A. 1883. Mathematical Examiner 1886, 8, 9, 90. Moderator 1887. Hopkins Prize 1894. Adams Prize 1899. University Lecturer in Mathematics 1885-1903. Lucasian Professor in 1903. Professor of Natural Philosophy, Queen's College, Galway, 1880-85. Secretary of the Royal Society for several years. [*Who's Who*.]

2 (2). J. J. Thomson. Trinity. The eminent Physicist. Adams Pri. 1893. Cavendish Professor since 1884. Was awarded the valuable Nobel Prize in 1906.

1881. *Forsyth, Andrew Russell. *Trinity*. Son of the late John Forsyth, of Liverpool, and educated at Liverpool College. 1st Smith's Prize. M.A. 1884. Sc.D. 1890. Mathematical Examiner 1885, 7, 8, 9, 94, 5. Moderator 1886. Sadlerian Professor 1895 (in succession to Cayley). F.R.S. 1886; (Royal Medal 1897.) Besides writing Treatises on Differential Equations and the Theory of Functions, he has edited the voluminous and recondite Mathematical Papers of Professor Cayley. [*Who's Who*.]

- 2 (2). R. S. Heath. Trinity. Registrar of Birmingham Univ.
- 3 (2). A. E. Steinthal. Trinity. Registrar of Manchester Univ.
1882. (Old Regulations.) *Herman, Robert Alfred. *Trinity*. Son of Rev. R. M. Herman, of Bath. Educated at King Edward's School, Bath. 1st Smith's Prize. M.A. 1885. Moderator 1895. Mathematical Examiner 1896. Proctor 1895 and 1900. Mathematical Lecturer at *Trinity*. As a private tutor, he is experiencing something of Dr. Routh's good fortune. For example, he coached the two Senior Wranglers of 1906 and the first three Wranglers in 1907.
1882. (New Regulations.) *Welsh, William. *Jesus*. 1st Smith's Prize. 1 Math., Pt. III., 1883. From Edinburgh University (First Class Honours in Mathematics and the Ferguson Scholarship in 1879). M.A. 1886. Mathematical Examiner 1888 and 1895. Moderator 1894. Tutor of *Jesus*.
- 2 (2). H. H. Turner. Trinity. Savilian Prof. of Astronomy at Oxford.
12. T. L. Heath. Trinity. Also 1 Cl. 1881 and 1883. Home Civil Service. Brother of R. S. Heath.
21. J. E. Gorst. Trinity. K.C.B. Agent and Consul-General in Egypt.
1883. *Mathews, George Ballard. *St. John's*. Son of George Mathews, of Richards Castle. Educated at Ludlow. 1 Math., Pt. III., 1884. M.A. 1887. University Lecturer in Mathematics since 1896. Professor of Mathematics at Bangor 1884-96. F.R.S. 1897. Has written a Treatise upon the Theory of Numbers. [*Who's Who*.]
2. E. G. Gallop. Trinity. Smith's Pri. 1885. Tutor of Caius.
3. R. Lachlan. Trinity. Smith's Pri. 1885. Sc.D.
4. A. N. Whitehead. Trinity. Sc.D., F.R.S. Math. Lect. at Trinity.
6. Charles Chree. King's. Also 1 Nat. Sc. 1884. Superintendent of Kew Observatory.

1884. *Sheppard, William Fleetwood. *Trinity*. 1 Math., Pt. III., 1885. From Brisbane. M.A. 1888. LL.M. 1889. Barrister (Lincoln's Inn) 1890. Examiner in the Board of Education. Elder brother of H. N. Sheppard, 17th in 1890.
2. Walter Percy Workman. *Trinity*. 1 Math., Pt. III., 1885. 1st Smith's Pri. 1886. Hd. M. of Kingswood School, Bath.
1885. *Berry, Arthur. *King's*. Born in 1862, at Norwood. Educated at Whitgift School, Croydon, and University College, London. 1 Math., Pt. III., 1886. 2nd Smith's Prize 1887. M.A. 1889. Mathematical Examiner 1897, 8. Tutor of *King's*. B.A. (Lond.) 1881.
2. Augustus Edward Hugh Love. *St. John's*. 1 Math., Pt. III., 1886. 1st Smith's Prize 1887 Mod. 1891. Math. Exam. 1892, 6, 7. F.R.S 1894. Prof. of Nat. Philos. at Oxford.
1886. *Dixon, Alfred Cardew. *Trinity*. Son of Rev. G. T. Dixon, Wesleyan Minister. 1 (1) Math., Pt. II., 1887. Smith's Prize 1888. From Kingswood and Woodhouse Grove. M.A. 1890. Sc.D. 1897. Mathematical Examiner 1892, 3. Professor of Mathematics, Queen's College, Galway, 1893; Belfast since 1902. [*Who's Who.*]
5. G. H. Bryan. Peterhouse. Smith's Pri. 1886. F.R.S. 1895. Prof. of Math. at Bangor.
1887. *Baker, Henry Frederick. *St. John's*. Son of a Cambridge resident. Educated at the Higher Grade and Perse Schools. 1 (1) Math., Pt. II., 1888. Smith's Prize 1889. M.A. 1891. Sc.D. 1901. Mathematical Examiner 1893, 4, 6. University Lecturer in Mathematics. F.R.S. [*Who's Who.*]
- *Flux, Alfred William. *St. John's*. Son of J. Flux, of Portsmouth. Educated at Fratton Board School and Portsmouth Grammar Sch. 1 (1) Math., Pt. II., 1888. Marshall Prize 1889. M.A. 1891. Professor of Economics in McGill University, Montreal, since 1901. [*Who's Who.*]

- Iles, John Cyril. *Trinity*. Son of Archdeacon Iles, of Ipswich. Educated at Lancing. 1 (2) Math., Pt. II., 1888. M.A. 1892. H.M. Inspector of Schools.
- *Michell, John Henry. *Trinity*. Son of a Cambridge resident. 1 (1) Math., Pt. II., 1888. Smith's Prize 1889. M.A. 1891. F.R.S. 1902. Professor of Mathematics in the University of Melbourne. [*Who's Who*.]
1888. *Orr, William McFadden. *St. John's*. From the Methodist College, Belfast. 1 (1) Math., Pt. II., 1889. M.A. 1892. Professor of Mathematics in the Royal College of Science, Dublin.
- 2 (2). W. E. Brunyate. *Trinity*. 1 (1) Math., Pt. II., 1889. Counsellor to the Khedive of Egypt.
3. Ralph Allen Sampson. *St. John's*. From Liverpool Institute. 1 (2) Math., Pt. II., 1889. 1st Smith's Prize 1890. Isaac Newton Student 1891. M.A. 1892. F.R.S. 1903. Prof. of Math. in Univ. of Durham since 1896. [*Who's Who*.]
1889. *Walker, Gilbert Thomas. *Trinity*. Son of Thomas Walker, Borough Engineer, of Croydon. Educated at Whitgift School and St. Paul's. Barnes Scholar 1887. Sheepshanks Exhibition 1888. 1 (1) Math., Pt. II., 1890. Smith's Prize *prox. acc.* 1891. Adams' Prize 1899. M.A. 1893. Sc.D. 1904. Mathematical Lecturer at *Trinity*. F.R.S. 1904. Meteorologist to the Government of India. [*Who's Who*.]
1890. *Bennett, Geoffrey Thomas. *St. John's*. From Tollington Park School and University College, London. 1 (1) Math., Pt. II., 1891. 1st Smith's Prize 1892. M.A. 1894. Tutor of *Emmanuel*.
- 'A Lady, Miss Philippa Garrett Fawcett, of Newnham College, was placed "above the Senior Wrangler." 1 (1) Math., Part II., 1891. Mathematical Lecturer at Newnham. Has now an appointment under the Board of Education. Miss Fawcett is the daughter of the late Rt. Hon. Henry Fawcett (7th Wrangler in 1856).

1891. *Goodwillie, James. *Corpus*. Born at Liberton, near Edinburgh, and educated at Edinburgh University (1 Math. in 1888). 1 (2) Math., Pt. II., 1892. M.A. 1896.
2. R. H. D. Mayall. Sidney. 1 (1) Math., Pt. II., 1892. Smith's Pri. and Isaac Newton Student 1893. Tutor of Sidney.
 7. C. E. Cullis. Caius. 1 (3) Math., Pt. II., 1892. Smith's Pri. 1893. Prof. in Presidency Coll., Calcutta.
1892. *Cowell, Philip Herbert. *Trinity*. Son of H. Cowell, of the Privy Council Bar, and cousin of Professor Cowell and Miss Fawcett. Educated at Eton. Sheepshanks Exhibition 1891. 1 (1) Math., Pt. II., 1893. Isaac Newton Student 1894. M.A. 1896. Chief Assistant in Greenwich Observatory.
3. S. S. Hough. St. John's. 1 (3) Math., Pt. II., 1893. Smith's Pri. 1894. Isaac Newton Student 1895. F.R.S. 1902. Director of the Observatory, Cape of Good Hope.
 4. H. C. Pocklington. St. John's. 1 (1) Math., Pt. II., 1893. Smith's Prize 1894. B.Sc. (Lond.) 1889.
1893. *Manley, George Thomas. *Christ's*. Son of M. R. Manley. Born at Hull, and educated at Wakefield. 1 (2) Math., Pt. II., 1894. 1st Smith's Prize 1895. M.A. 1896. Ordained Priest in 1900, and proceeded to India to engage in religious work amongst University students.
7. Hon. Bertrand Russell. *Trinity*. Also 1 Mor. Sc. 1894. Author of a Treatise on the Foundations of Geometry.
1894. *Adie, Walter Sibbald. *Trinity*. Son of Patrick Adie, formerly of Isleworth. Educated at the London International College. A contemporary account states that he read with Messrs. Glaisher, Forsyth, Darwin, Hobson, H. M. Taylor, Herman, Whitehead, and Glazebrook. He also rowed No. 6 in the First Trinity boat. 1 (1) Math., Pt. II., 1895. 1st Smith's Prize 1896.

- M.A. 1898. India Civil Service 1896. Is at present Deputy-Accountant-General, Madras.
- Sedgwick, William Fellows. *Trinity*. 1st Bell Scholar 1892. 1 (1) Math., Pt. II., 1895. Isaac Newton Student 1897. M.A. 1898. Examiner in the Board of Education. Son of Rev. Gordon Sedgwick (Sen. Opt. 1863), Vicar of Sherborne, Warwick.
4. J. G. Leathem. St. John's. Isaac Newton Student 1896. Math. Lect. at St. John's.
1895. *Bromwich, Thomas John I'Anson. *St. John's*. Son of John I'Anson Bromwich. Educated at Bridgnorth and Durban. Was also Cox. to the Third Lent boat of his College. 1 (1) Math., Pt. II., 1896. Smith's Prize *prox. acc.* 1897. M.A. 1899. Professor of Mathematics in Queen's College, Galway, since 1902. [*Who's Who.*]
2. E. T. Whittaker. *Trinity*. Sheepshanks Exhibition 1894. 1 (1) Math., Pt. II., and Tyson Medal 1896. 1st Smith's Pri. 1897. Univ. Lect. in Math.
- Bertram Hopkinson. *Trinity*. Ægrotat in Pt. 1. Was 1 (1) Math., Pt. II., 1896, and Smith's Prize *prox. acc.* 1897. Prof. of Mechanism since 1903.
12. R. C. Maclaurin. St. John's. 2nd Smith's Prize 1897. Prof. of Math. Wellington Coll., New Zealand.
1896. *Fraser, William Garden. *Queens'*. Born at Croy, Inverness. Son of Rev. Thomas Fraser. 1 (2) Math., Pt. II., 1897. M.A. 1900.
2. Ernest William Barnes. *Trinity*. 1 (1) Math., Part. II., 1897. 1st Smith's Prize 1898. M.A. 1900. Ordained Deacon in 1902.
1897. Austin, William Henry. *Trinity*. Son of George Austin, of Birmingham. Educated at a Board School and at King Edward's School, Birmingham. 1 (1) Math., Pt. II., 1898. Smith's Prize 1899. M.A. 1901. Math. Lect. at Birmingham. Died in 1904.

3. F. W. B. Frankland. Clare. 1 (1) Math., Pt. II., 1898. Smith's Prize *prox. acc.* 1899. Ordained Priest in 1903.

4 { P. H. Ezechiel. Trinity. Crown Agent for the Colonies.
G. W. Walker. Trinity. 1 (1) Math., Pt. II., 1898. Smith's Prize and Isaac Newton Student 1899.

1898. *Hudson, Ronald William Henry Turnbull. *St. John's*. From St. Paul's School. Son of W. H. H. Hudson. 1 (1) Math., Pt. II., 1899. Smith's Prize 1900. Mathematical Lecturer in the University of Liverpool. Killed in 1904 while mountaineering and botanising in North Wales. His sisters, W. M. and H. P. Hudson, were respectively declared equal to the 8th Wrangler in 1900 and the 7th in 1903.

2. J. H. Jeans. Trinity. University Lecturer in Math.

4. G. H. Hardy. Trinity. 1 (1) Math., Pt. II., 1900. Smith's Pri. 1901.

1899. *Birtwistle, George. *Pembroke*. Son of Thomas Birtwistle, of Burnley. Educated at the Grammar School and at Owens College, Manchester. 1 (1) Math., Pt. II., 1900. M.A. 1893. Mathematical Lecturer at *Pembroke*.

*Paranjpye, Rajhunath Purushottam. *St. John's*. 1 (1) Math., Pt. I., 1901. M.A. 1903. Teacher in Ferguson College, Poona.

6. G. M. Bell. Trinity. Also 1 Nat. Sc. 1900.

1900. *Wright, Joseph Edmund. *Trinity*. Son of Joseph Wright, a chemist at Liverpool. Educated at the Liverpool Institute. 1 (1) Math., Pt. I., 1901. Smith's Prize 1902. M.A. 1904.

2. A. C. W. Aldis. Trinity Hall. Son of J. A. Aldis, 6th Wrangler in 1863.

4. Ram Balak. *St. John's*. India Civil Service.

15. T. H. Havelock. *St. John's*. Smith's Prize and Isaac Newton Student 1902. M.B.

1901. Brown, Alexander. *Caius*. Born in May, 1877. Son of Gavin Brown, of Millerhill, Midlothian. Educated at George Watson's College and Edinburgh University.

- 1 (2) Math., Pt. I., 1902. Professor of Mathematics, South African College, Cape Town.
6. B. N. Cama. St. John's.
7. Camaji Byramji Navroji. St. John's. LL.B. 1903. Isaac Newton Student 1903.
1902. *Cunningham, Ebenezer. *St. John's*. A London County Council scholar from Owens School, Islington. 1 (2) Math., Pt. II., 1903. Smith's Prize 1904.
3. H. A. Webb. Trinity. 1 (1) Math., Pt. II., 1903. Smith's Prize 1904.
16. J. C. M. Garnett. Trinity. Sheepshanks Exhibition 1901. 1 (1) Math., Part II., 1903. Smith's Prize 1904. Son of W. Garnett, 5th Wrang., 1873.
1903. Bateman, Harry. *Trinity*. Born at Manchester, and educated at the Grammar School. 1 (1) Math., Pt. II., 1904. Smith's Prize 1905.
- Marrack, Philip Edward. *Trinity*. Sheepshanks Exhibition 1903. 1 (2) Math., Pt. II., and Tyson Medal 1904. Smith's Prize 1905. Eldest son of J. R. M. Marrack, 22nd Wrangler in 1860.
1904. Eddington, Arthur Stanley. *Trinity*. Son of A. H. Eddington, of Kendal. Educated at Brynmelwyn School, Weston-super-Mare, and at Manchester. 1 (1) Math., Pt. II., 1905. B.A. 1905.
2. G. R. Blanco-White. Trinity.
3. F. J. M. Stratton. Caius. Tyson Medal 1905. Smith's Prize 1906.
14. C. F. Russell. Pembroke. Smith's Prize 1906.
1905. Littlewood, John Edensor. *Trinity*. From St. Paul's School. Eldest son of E. T. Littlewood, of Wynberg, Cape Colony. 1 (1) Math., Pt. II., 1906. B.A. 1906, not having been of sufficient standing in the previous year.
- Mercer, James. *Trinity*. Born at Bootle. Holder of Lancashire County Council Scholarship. 1 (1) Math., Pt. II., 1907.
8. W. M. Page. King's. 1 (1) Math., Pt. II., 1906.

1906. Rajan, Arunachala-Tyaga. *Trinity*. Born at Vinukoda, in the Presidency of Madras. An India Government Scholar.

Sewell, Clarence John Thelkeld. *Trinity*. From Winchester. Son of Rev. T. J. Sewell (Queen's College, Oxford. 1 Math. 1879. Vicar of Lynsted, Kent). Abbott Scholar 1904. 1 (1) Math., Pt. II., 1907.

3. W. J. Harrison. Clare. From a London County Council School in Clapham. 1 (1) Math., Pt. II., 1907.

6. Birendra, N. Dé. St. John's. From Presidency College, Calcutta.

1907. Watson, George Neville. *Trinity*. Son of G. W. Watson, of Powys Square, Bayswater. Educated at St. Paul's School. ✓

2. H. W. Turnbull. *Trinity*. From Sheffield. Son of W. P. Turnbull.

3. A. V. Hill. *Trinity*. From Blundell's School, Tiverton.

1908.

1909.

APPENDIX.

A STATISTICAL TABLE OF THE SENIOR WRANGLERS
FROM 1748 UNTIL 1907.

	To 1800.	1801 to 1881 (old Regulations).	1882 (new Regulations) to 1907.	Totals.
Peterhouse	3	5	—	8
Clare	1	—	—	1
Pembroke	4	1	1	6
Gonville and Caius	6	7	1	14
Trinity Hall ...	—	1	—	1
Corpus	3	—	1	4
King's	—	—	1	1
Queens'	3	5	1	9
St. Catharine's ...	—	2	—	2
Jesus	1	—	1	2
Christ's	3	2	1	6
St. John's	15	31	9	55
Magdalene	3	—	—	3
Trinity	8	28	18	54
Emmanuel	1	—	—	1
Sidney	2	—	—	2
Newnham	—	—	1	1
Totals	53	82	35	170

N.B.—The inclusion of R. K. Miller (*Ægrotat* in 1867) would credit Peterhouse with nine and would make the Grand Total 171.

The unique position which has been assigned to the Senior Wrangler in the Graduation Ceremonies is shown by the subjoined extract from the well-known statement in the Cambridge University Calendar:—

“Candidates for degrees must be presented by members of the Senate in full possession of their privileges as such.

“The Vice-Chancellor takes the chair before the table, and a Bedell having desired the respective Fathers to be in readiness with their Sons, precedes the Father of the Senior Wrangler and his Son to the Vice-Chancellor.

“The Father, taking the Senior Wrangler by the right hand, presents him in these words:—

Dignissime Domine Domine Pro-Cancellarie, et tota Academia, præsentato vobis hunc juvenem, quem scio tam moribus quam doctrinâ esse idoneum ad titulum assequendum baccalaurei in artibus designati; idque tibi fide meâ præsto totique Academiæ.

“The Senior Wrangler then kneels down before the Vice-Chancellor, who, taking his hands between his own, admits him in these words:—

Auctoritate mihi commissâ admitto te ad titulum baccalaurei in artibus designati, in nomine Patris et Filii et Spiritus Sancti.

“Candidates for degrees, belonging to different Colleges, are presented by their respective Fathers [and according to Colleges in a stated order] Four or five candidates are presented at once, the Father saying:—

Præsentato vobis hos juvenes quos, etc.”

(The designation of “Father,” given to the Graduate presenting the respective candidates, is a survival from the days of Disputations, when the Father was “a graduate representing the paternal or tutorial piety of the hall or college coming to the rescue of the young combatant.”—Wordsworth, p. 17.)

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