

PROCEEDINGS
OF THE
Cambridge Antiquarian Society,

24 APRIL—29 MAY 1911.

WITH

Communications

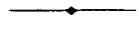
MADE TO THE SOCIETY

EASTER TERM 1911.

No. LX.

BEING No. 3 OF THE FIFTEENTH VOLUME.

(NINTH VOLUME OF THE NEW SERIES.)



Cambridge:
DEIGHTON, BELL & CO.; BOWES & BOWES.
LONDON: G. BELL AND SONS, LTD.
1911

Price 5s. net.

CAMBRIDGE ANTIQUARIAN SOCIETY.

RECENT PUBLICATIONS.

[A Complete Catalogue can be had on application.]

Proceedings, 1909-10. Easter Term. With Communications, No. LVII. pp. 177—224. Plates IV—VIII and other illustrations. 5s. net.

Ball, Sir R. S., LL.D., F.R.S., Work of Early Astronomers (n. p.). Haddon, A. C., Sc.D., F.R.S., Peigan Blackfeet Indians of Montana (n. p.). Hailstone, Ed., F.R.Hist.S., Notes on an ancient seal found at Bottisham. Layard, Miss Nina F., Comparative sizes of some Pleistocene Mammals recently found at Ipswich (n. p.). Stokes, Rev. H. P., LL.D., Old Mills of Cambridge. Walker, Rev. F. G., Notes on two bronze pins recently found in and near Cambridge. Seventieth Annual General Meeting. General Index to Vol. XIV.

Proceedings, 1910-11. Michaelmas Term. With Communications, No. LVIII. pp. 1—68. Plates I—V and other illustrations. 5s. net.

Barnes, Very Rev. Monsignor, Tombs of SS. Peter and Paul (n. p.). Brindley, H. H., Ship in window of Thaxted Church. Duckworth, Dr W. L. H., Öland, a Swedish Island; Ancient Font at Skanör, Skåne, Sweden. Gaselee, S., Cult of Twenty-four Elders in Egypt (n. p.). Gray, Arthur, Late Survival of Celtic Population in East Anglia; the Wandlebury Legend. Green, F. W., Soudan, Ancient and Modern (n. p.). Jackson, T. G., R.A., Winchester Cathedral (n. p.). James, Dr M. R., Hortus Deliciarum of Herrade of Lansberg (n. p.). Petrie, Professor W. M. Flinders, Meydum and Memphis (n. p.). Report for year 1909-10. Ridgeway, Professor W., Ancient Irish Dug-out Canoe; Cist Grave in Co. Wexford (n. p.). Tremearne, Captain A. J. N., Nigerian Head-Hunters. Walker, Rev. F. G., Neolithic site at Gamlingay, Cambs.

Proceedings, 1910-11. Lent Term. With Communications, No. LIX. pp. 69—198. Plates VI—XIX and other illustrations. 7s. 6d. net.

Atkinson, T. D., Some Consecration Crosses; Sign of the Cromwell Arms, Ely; Inn Signs painted by Richard Hopkins Leach. Duckworth, Dr W. L. H., Notes on Cromer Forest Bed. Haddon, Dr A. C., Art of Palaeolithic Man (n. p.). Harrison, Miss J. E., Rain-making ceremony on a fragment of a Dipylon Vase (n. p.). Lennel, Professeur F., Calais, sous la domination anglaise (n. p.). MacRitchie, David, Arctic Europeans in seventeenth century (n. p.). Open Meeting. Stokes, Rev. Dr, Cambridge Parish Workhouses. Walker, Rev. F. G., Excavations (1) in Tumuli at Bourn, Cambs; (2) at Magdalene College, Cambridge; (3) near Latham Road, Cambridge.

n. p. means that the Communication has not been printed in full.

PROCEEDINGS
OF THE
Cambridge Antiquarian Society;
WITH
COMMUNICATIONS MADE TO THE SOCIETY.

24 April—29 May.

Monday, 24 April, 1911.

The Rev. Dr STOKES, President, in the Chair.

The Rev. Dr IRVING made a communication on
**A SUB-FOSSIL HORSE SKELETON RECENTLY FOUND
NEAR BISHOP'S STORTFORD.**

Monday, 1 May, 1911.

The Rev. Dr STOKES, President, in the Chair.

W. M. PALMER, M.D., read a paper on

CAMBRIDGESHIRE DOCTORS IN THE OLDEN TIME.

The olden time of the healing art reaches from the very beginning of things, until the discovery of the use of antiseptics. But this paper deals chiefly with the sixteenth and seventeenth centuries, and has been arranged in the following manner.

1. A brief sketch of some of the sources of information and of the regulations for early medical practice.
2. Remarks on the various grades of medical practitioners.
3. An account of a village practitioner of the sixteenth century, and of another of the seventeenth century.
4. The drugs used.
5. Accounts of several individual Cambridge doctors.
6. Sections on the Fees, Instruments, Libraries, Pictures, Modes of Conveyance, and the Church spoils of early doctors.
7. A sad account of a Cambridgeshire vicar of the fifteenth century, who was dissatisfied with local skill and went to London for "further advice."

I. SOURCES OF INFORMATION.

The sources of information about doctors of an early period are to be obtained chiefly from manuscripts which are distributed amongst several more or less inaccessible repositories. Such printed books as there are, for instance Munk's *Roll of the Royal College of Physicians*, and the published works on the Apothecaries' and Barber Surgeons' Companies, did not help one much as regards country practitioners. For Cambridge itself of course, there is a rich mine of information in the works of her great

Town Clerk, although unfortunately they are all without indexes. But I felt ambitious of gathering scraps which had escaped his eagle eye, and besides he did not help me at all with the part of the subject which interested me most, the country village practitioner.

At one time I thought that I had tapped a source of information, the episcopal muniments at Ely, which would give me for the year 1640 a complete list, and something more, of medical practitioners in villages and towns alike. But to explain how episcopal registers concern country doctors, I must here make a digression.

The medical Acts of the last century were not the first restraint on unqualified medical and surgical practice. As early as the year 1421 a project was before Parliament to make ordinances for the punishment of men and women who were practising as physicians and surgeons without licences. It was suggested that such should be fined £40, equivalent to £500 of our money, and imprisoned also, and that the sheriff of each county should make inquisition concerning licensed and unlicensed practitioners¹. Whether the latter suggestion was carried out I am unable to say. If it was, the returns would have anticipated the earliest Medical Register by four centuries. The sheriffs' accounts and inquisitions are a large class of documents in the P.R.O., but there are certainly no returns for this county.

The first important medical Act was passed in the year 1511. The part of this which concerns country doctors is the clause that no person should practise as a physician or surgeon in any diocese, until he had been examined and approved by the Bishop, aided by such expert persons in those faculties as were convenient. And that being approved, the Bishop should give him a licence under his seal. The penalty for practising without licence was £5, or £50 of our money, for each month in which he so practised².

This Act put the control of the medical profession throughout the country in the hands of the Bishops, with the exception

¹ Rolls of Parliament, quoted in Cooper, *Annals*, i. p. 166.

² Young, *Annals of the Barber Surgeons*, p. 72.

of those in the university towns, who were exempted by a special clause¹.

The regulations for practice being in the hands of the Bishops, it follows that it is likely to be amongst their records that the earliest information about country doctors is to be found. Now the records of the Bishopric of Ely are well catalogued and freely opened to students and seemed to offer me a fine field. With the help of the catalogue I found some large volumes containing licences of several kinds. The earlier volumes have no index, and the contents, licences and letters of administration and sequestrations of livings are mixed. It took me almost a whole day to look through one volume, and as a result, I had found one surgeon's licence dated 1584. It was granted to John Papworth of the parish of Duxford St John, he is the second earliest country surgeon whom I have found. No doubt more licences could be obtained from these volumes, but at the same cost of time, they would be too expensive for my purpose. Quite accidentally I came upon another licence in a precedent book at Ely, which runs as follows. And as this licence was entered in that book as a model form, all other licences issued at that period would be in the same words.

"A licence to practice Chirurgery.

William Gager Doctor of Lawes, Chancellor to the Reverend Father in God Lancelot, by God's providence Lord Bishopp of Ely, To all & singular persons to whome these presents shall come to be reade hard or seene, sendeth greetings in our Lord Everlasting. For as much as by the testimony of divers honest men, I am informed that John Lewis of Cottenham within the county of Cambridge, hath of a long time employed his labour in the study and practice of Chirurgery, and hath many years practiced the same with very good successe to many that have stooode in neede of his helpe, and so hopeinge of the like successe hereafter, I doe hereby approve him, & give him

¹ This Act created a valuable monopoly, which was abused, so thirty years later it was relaxed, and any one was allowed to treat wounds and outward swellings, and give remedies for stone and ague. Then there arose that class of amateur surgeons of whom William Bulleyn speaks with such approval, Sir Phillip Paris, Sir Thos. Elyot and others of this county.

this my licence to practice Chirurgery within the diocese of Ely during my good will & pleasure, & until such time as I shall revoke and call back ye same, requesting all people quietly to permit and suffer him soe to doe without molestinge troubling or preventing him therefore. In witnesse whereof I have here unto subscribed my name, & sett my seale of office the 25 daye of October 1615."

This licence is not issued in exact accordance with the Act of 1511, since instead of skilled surgeons, the chancellor has taken the testimony of any honest men. The worshipful doctor's wish that success should still attend the surgeon's efforts, is rather quaint.

My next hope was Bishop Wren. He was a great stickler for all details of ecclesiastical rule, and in his primary visitation of this diocese, issued a book of a hundred and forty-seven questions for the clergy and churchwardens to answer. The searching nature of these questions was a matter of great offence to many of his flock, and a huge petition was signed by the laity and clergy of this county against his so-called innovations. The original petition is still in existence in the British Museum. But only two parts of the book touch my present subject.

In a chapter, headed "Concerning Schoolmasters, Physicians, Chirurgeons, Midwives, Parish clerks and Sextons"—a queer mixture—was this question or set of questions:

"What Physician or Chirurgeon have you in your parish, who not being a Doctor of Physick or otherwise sufficiently licenced in either of the universities, doth notwithstanding practice physick ?

What other persons have you among you, either male, or female, who take upon themselves to profess or practice physic or chirurgery ?

And who be midwives in your parish ?"

And at the end of the book there is an order that all physitians, schoolmasters, chirurgeons and midwives, should appear at the Lord Bishop's visitation.

Now if the above questions had been faithfully answered,

and the answers preserved, a fine Medical Directory would have resulted. But unfortunately the only original return which exists is for the village of Shepreth, where the answer is, "We have no phisitian, nor any chirurgian, and only one midwife licensed."

But although the original returns are lost, extracts from them were entered into the Bishop's Court Books, some of which survive. A search through these resulted in the finding of fifteen medical practitioners for the year 1640. Four of these were in the town of Cambridge, and the others at Brinkley, Chatteris, Chesterton, Coton, Cottenham, Ely, Ickleton, Melbourn, Meldreth, Shudy Camps and Wisbech. But this list cannot be complete. From other sources we know that March and Whittlesey had at least one doctor each at this time. The surgeons at Chatteris, Cottenham and Meldreth had no licences, and were forbidden to practise until they were obtained. Concerning Ickleton an interesting item is recorded. A man named Robert Ambrose was presented by the churchwardens for being very often absent from divine prayers, and had to appear before the Ecclesiastical Court. His defence was that he was a surgeon, and was sometimes absent from church because he had to visit his patients during prayer time. The explanation was sufficient, and he was dismissed—*dimititur cum monitione*. The warning must have been "Don't come here and make that excuse too often." This point being settled, the judge said, "You say that you are a surgeon, then show the court your licence to practice physic and surgery." Alas, Robert Ambrose had to own that he hadn't one, and was ordered to desist from practising until he had a licence, which he might apply for at the next Court day. Whether he was fined £5 or not is not stated; but he was certainly mulcted in costs and threatened with the fine. The reflections of Ambrose as he rode back to Ickleton must have been bitter ones, and when the petition against Bishop Wren and Ecclesiastical Courts came round, he was probably eager to sign it. From Melbourn a surgeon came to swear that a man, who had been presented at the Court for not kneeling at the rail when he took the sacrament, had an illness which prevented him from kneeling. The name of the surgeon

at Shudy Camps was Thomas Ady, an unusual surname. In Munk's *Roll* occurs the name of Edward Ady, a master of arts of Emmanuel College, who had received the licence to practise in 1631, and settled somewhere in Essex. Shudy Camps is on the Essex border, so it is possible that the two men may be the same. If so, Ady was the only village practitioner of that century who had the licence of the Royal College of Physicians. At Ely the surgeon was fined for not attending the visitation as ordered in Wren's book of articles. It would cause doctors to grumble very much if they had to spare time for such functions now.

As regards midwives, there were thirty-three in the county and Isle of Ely. Of these some were unlicensed, e.g. at Whittlesey, "Thomasina wife of Humphry Wilbore, hath practised as a midwife these twenty years, but hath no licence." At Parson Drove, "We present Elizabeth Abbye, the wife of John Abbye for taking upon herself the art of a midwife, not having a licence from the Court." She was warned that at the next Court she should exhibit a certificate, not of her fitness, but of having abstained from practising as a midwife, which seems rather a stringent order.

After the Restoration, when Wren returned to rule his diocese, one of the first things he did, undismayed by the result twenty years before, was to send round another book of articles and hold another visitation. The questions were the same as before. A few original returns only survive. Histon, Hungry Hatley and Madingley answered that they had "neither physitian, chirurgeon nor midwife." At Dry Drayton the answer was "None practice physic nor professeth midwifery, but charitably one neighbour helpeth another." The Ecclesiastical Courts must have been as powerless against this kind of thing as the central midwives' board is to-day. At Chesterton there was a surgeon practising without a licence, and a midwife licensed five and twenty years before. I wonder how much better this old gamp was than the charitable neighbours at Dry Drayton!

The foregoing extracts do not exhaust the Ely records with regard to medical practice, but they are sufficient to show that

at one time the country practitioner was almost as much under the control of the Bishop as the clergy. How long the Bishop kept that control, I cannot say. Some Bishops continued to issue licences to practise until well into the eighteenth century, and they may still have the power. But I do not think such licences would be capable of registration.

The regulation of medical practice within the town of Cambridge differed from that in the rest of the county. By an early statute it was ordained that no one should practise physic within the bounds of the university until he had conformed to the rules concerning medical degrees, nor any one practise surgery unless approved by the university examiners¹. Licences to practise medicine and surgery are entered in the Grace Books, which are now printed to the year 1589. I have left this part of the subject alone, as it would be better undertaken by a graduate. The text-books used by fifteenth century medical students would make an interesting subject.

But I should just mention that one advantage which licensed practitioners in the town of Cambridge had over those outside the town, was, that they were under the jurisdiction of the Vice-Chancellor, and had all the privileges of scholars' servants. Thus it comes about that the wills of apothecaries, barber-surgeons and surgeons, as well as those of physicians, were proved in the Court of the Vice-Chancellor, some of the records of which go back further than those of the Archdeacon's Court. The inventories of the Vice-Chancellor's Court begin about 1520, of the Bishop's and Archdeacon's Courts in 1660. From both sources I was able to get much interesting matter.

II. GRADES OF PRACTITIONERS.

The grades of medical practitioners appear to have been as follows: physicians, surgeons, barber-surgeons, apothecaries, midwives and bonesetters. The first four may be looked upon as trained, as they had either taken a degree or a licence at one of the universities, or had passed through an apprenticeship.

¹ *Documents*, 1852, Vol. 1. p. 362.

The status of the physician was far above that of any of the others. Originally he was an ecclesiastic, which in itself would put him above the surgeon and apothecary, who as a rule were laymen, and without university degrees. John Thomas, of Cambridge, whom I shall mention again, was an exception, as he had been a priest and was a master of arts. There seems to me to be indications that the surgeon of 1540 had a higher status than his successor a century later. The surgeons of London united with the barbers in 1540, which may not have improved their position. At the same time the apothecaries were improving theirs. In the sixteenth century the apothecaries were a part of the Grocers' Company. You will perhaps remember that the house at the S.E. corner of Cambridge market-place, where several generations of apothecaries named Vesey lived, was ornamented with the Grocers' arms. But during the century the apothecaries increased in power, attracting to themselves work from both physicians and surgeons, and in the early part of the reign of James I they seceded from the Grocers' Company and founded one of their own. Certainly in 1600 the apothecaries of Cambridge were a wealthier class than the surgeons. Richard Love, an apothecary who died about that time, left over a thousand pounds personality, including £800 of savings, whereas Widdows, the Bridge Street surgeon, left under £8. And Leonard Duffield, a surgeon who died in 1577, was not one of those who raked in the shekels of Cambridge dons and undergraduates. His house was of the simplest, containing hall, chamber and kitchen, or they were the only rooms furnished, and yet he was married. Still the hall was fairly well furnished. There were hangings on the walls, a long table, two settles, forms and stools, with nine pewter dishes and fourteen platters displayed on shelves round. But the total value of his personality was under £9¹. Mr Pask, another surgeon deceased about the same time, had managed to get £28 worth of property, but these are far below the estate of a surgeon in 1545, when money was relatively of much more value. Even a barber-surgeon of 1604 left property to the value of £17. Perhaps you would like to hear how

¹ Univ. Invent., Bdle 2.

a barber-surgeon lived three centuries ago. The house of Richard Meakes, the man in question, consisted of hall and shop, with chambers over them and a lean-to kitchen. There was a glass window in a frame in his shop front, whereas a surgeon sixty years before had a canvas window. There was nothing in his shop or elsewhere referring to the surgical part of his trade except a bundle of pieces of old linen, valued at 5*s.*, for use after bleeding. Three barber's basins of pewter, a barber's pot and an old laver, and two basins of latten, are valued at 8*s. 6d.* There was a large quantity of linen such as neckingers, kerchiefs and shaving-cloths, valued at £2, including a face-cloth of cambric valued at 2*s. 6d.* Altogether his house and shop linen were worth £6, out of a total of £17, so something can be said for the cleanliness of barbers then. The barber-surgeon's apparel was modest, being worth only 12*s.* Some of his bedding was stuffed with a material not met with before, and that is Fen down. There were two feather beds, a straw bed, a fen down bed, and three fen down bolsters. This fen down may have been from fen fowl, but from the small value attached to it, I should think it was the pappus of cotton-grass or sedge. The barber's literature was as modest as his clothes. Old books and other lumberment are valued at 1*s.*¹

Now most of the writers on the history of medicine have been physicians, and they have invariably put the position of the surgeon as a low one. A surgeon, we are told, was not allowed to administer remedies for any internal complaint, nor to perform any major operation without the attendance of a physician, but I think that applied only to London. However that may be, one thing is quite evident, the Cambridge surgeon of the sixteenth century did not make money. The regius professor of physic complained in 1635 that surgeons and apothecaries were much sought after, and physicians seldom, except when the patient was ready to die. But the savings of physicians during his period averaged far more than those of surgeons and apothecaries. The professor in question was Dr Ralph Winterton, who followed Dr John Collins in that professorship. Dr Winterton was evidently on intimate terms

¹ Univ. Invent., Bdle 3.

with the latter, as he received from him a legacy of books and clothes, including a black cloth coat lined with plush. But he did not approve of the manner in which his predecessor granted licences to practise physic. In a letter to the President of the College of Physicians he says that he had grieved to see sometimes an apothecary, and sometimes a serving man, admitted to a licence to practise physic, and he had resolved that no more licences should be issued unless the candidate was worthy¹. This professor's will was not proved in the local court, so I cannot say how he flourished, but his predecessor, in spite of his lax granting of licences, managed to get a comfortable living.

John Collins held the professorship, which was worth £40 a year, for nine years. At his death his personality was valued at over £1200, so he had not worked for nothing. He lived in a three-storied house, consisting of hall, parlour and kitchen, each with a bedroom over, and above them other bedrooms, called galleries; attics we should call them. The most noticeable point about his furniture is the number of elaborate chairs and stools. Thus in the hall were a backed chair wrought with Irish tick, and eight high stools of the same (£3. 10s.); eight red leather chairs, a great leather chair, two embroidered chairs, and five embroidered stools (£5. 3s. 4d.). In the parlour were six backed chairs of branched velvet and a great Russia leather chair. In the parlour chamber were two high embroidered chairs and two low embroidered stools (30s.)².

But in spite of Winterton's strictures, it is evident that apothecaries in his day, or at least some of them, were a highly respectable, well connected class. Take for instance John Swetson, who died just before Winterton became professor. His will contains many legacies, including £5 to his laundress, but his wife Dorcas was residuary legatee, and it is the curious legacies of her will which show their respectable society. Her executor and residuary legatee was Dr Robert Eade, a physician and fellow of Caius. To him in 1641 she left her best silk gown, her best satin petticoat laced with gold, and two of her best gorgets. To her loving friend Thomas

¹ Quoted in Cooper's *Annals*, III. 268.

² University Inventories, Bdle 7.

Gostling, another physician, she left the gold ring on her finger. To Mr Joseph Loveland, fellow of Trinity College and Rector of Wimpole, she left a pound to buy a ring and another pound to preach her funeral sermon. To the wife of a notary public in Cambridge she left her taffety petticoat laced with silver. And to widow Hammond, a mender of stockings near Trinity College, she left 20s. A stocking-mender seems to be a new profession¹.

As an example of what apothecaries could do in the way of getting a living in Cambridge, long after Winterton's death, take the case of Thomas Day, an apothecary who died in 1681. He was of no great age, for his mother was alive, and his own son was under age, but he had done very well out of Cambridge people. His clothes, books and ready money were worth £400, his furniture £200, the contents of his shop, drugs, oils, ointments, evators, syrups, conserves, confections, lectuaries, plasters, and powders, pots, stills, alembicks, and skillets were worth £100, and money owing to him £800; total £1500. But this was the least part of his possessions. He had houses in Cambridge and farms in Soham and five other parishes. He bequeathed money to provide twelve old people in the spital house with a warm russet cloth coat every year on S. Thomas's day. His son Robert was intended to succeed him, as he bequeathed all his trade effect to him².

We next come to the apprentices and assistants of early doctors. Most Cambridge practitioners probably had one or more apprentices. Even Dr Collins, the regius professor of physic, had an apprentice to whom he bequeathed a grey coat and an old shirt, and various books, such as *Gerard's Herbal*, *Vigo's Surgery*, and the *London Pharmacopœia*, and all his brewing vessels³.

When Dr Allot made his will his apprentice had only served a part of his time, so he bequeathed to him as recompense £40 and his two best cloaks and suits⁴.

And Mr Peter Dent, an apothecary, directed his executors

¹ University Wills, Vol. III. pp. 232 and 264.

² Ib., Vol. IV. 229. Invent., Bdle 8.

³ Ib., III. 210.

⁴ Ib., III. 223.

to pay £20 to his son for taking his apprentice for the remainder of his term of years¹. From these cases it looks as if the apprentices had paid a fairly high premium. This Peter Dent was a well-known botanist, a friend of the celebrated John Ray. His daughter married the vicar of Linton, who fought and won against Pembroke College the great lawsuit concerning the tithe of carrots.

From a chancery document it seems that ten years was the period of apprenticeship for an apothecary. In 1501 an apprentice was bound to an apothecary of Cambridge named Richard Smith for ten years. By the terms of the agreement, Smith was to teach his apprentice the art of an apothecary, to provide him with meat, drink and clothing, and to send him to the grammar school for a year—the latter with the object of learning the necessary Latin. When he had served seven years of his time, the boy ran away from his master, who thereupon sued the boy's relative for damages. The reply was that Smith had not given the boy his exhibition to the grammar school, nor taught him the craft of apothecary, but had set him to other labour, and had given him great strokes, penury and hunger².

Sometimes it is difficult to explain the status of Cambridge surgeons. For instance, John Parman describes himself as a surgeon of Bene't College in his will, made in September, 1545. According to Lamb's *History of Corpus* he entered that College in 1544, but nothing more is said of him. No licence for him to practise surgery appears in the Grace Books, and yet he must have practised, as he directed his instruments to be sold to pay his debts. The disposal of his goods he left to his master, either the master of his college or a surgeon to whom he was apprenticed³.

The next grade above the apothecary's apprentice was his assistant, and I can tell you a little about one of them who died in 1603, namely "Thos. Rochell, apothecarie, late servant to John Poley, apothecarie," of Cambridge. Rochell must have

¹ Ib., iv. 309.

² Early Chancery Proceedings, 282.

³ Univ. Wills, i. 79.

lived in lodgings, as his only furniture was a clothes chest and two pairs of sheets. His wardrobe was as follows: a cloak, two suits of clothes, each consisting of doublet, jerkin, venetians and worsted socks; three night-caps, three shirts, one pair of boots, and two hats. His only book was a bible, valued at 4s., and his only cutting instrument a rusty sword. The value of his possessions was a little over £2, but his savings amounted to £16¹.

The lowest grade of medical practitioner was the bonesetter, whose practice was concerned with stiff joints rather than fractures. I found the will of a bonesetter who was buried in Melbourn churchyard in 1615, and another bonesetter named William Fue died at Willingham in 1727. The latter was a small farmer as well as bonesetter. He owned the house in which he lived, and possessed three mares, besides cows, sheep and pigs. His house contained kitchen, hall, parlour and five bedrooms. The possession of a bell metal pot, a silver tankard and silver spoons, shows that he was beginning to afford luxuries, and one can safely say that bonesetters flourished in Cambridgeshire two hundred years ago².

There are no classes of practitioners to-day which exactly correspond with those of the sixteenth century, with the exception perhaps of the bonesetter. There were no prescribing physicians then. Even the great Dr Hatcher had a shop, with a counter, and scales and weights. The ordinary apothecaries and surgeons retailed plasters and pills over their counters, and continued to do so for centuries after. Even within the last dozen years I have looked after a practice where children used to come and ask for packets of salts and senna. But nowadays the retailing of drugs is usually confined to chemists and druggists, whom I first meet with in Cambridge in 1787³.

The class of practitioner of the sixteenth and seventeenth

¹ Univ. Inv., Bdle 10.

² Consistory Court Wills and Inventories.

³ John Smithes Crosley, of Cambridge, Chymist and Druggist, made his will 10 Nov. 1787. It was proved in the following July. He bequeathed £800 to his son John Finch Crosley, and £1000 to his daughter Sophia. Both were under age. His wife Jane was residuary. *Liber xvij. p. 81.*

centuries which represents the general practitioner of to-day was the apothecary, a name which has quite dropped out of use. In earlier times still, the medical practitioner was called a leech, a word of Anglo-Saxon origin. We have to-day no concise way of designating the general practitioner of medicine. But the words "apothecary" and "leech" have an honourable lineage, and either of them would be a better term to use than the double-barrelled one "physician and surgeon," which seems to suggest something more than it means.

III. THE COUNTRY VILLAGE PRACTITIONER OF THE SIXTEENTH AND SEVENTEENTH CENTURIES.

It is the real country practitioner, the doctor living in a country village, with no colleague within several miles, who has most interest for me. But the records of country practitioners of an early date are very difficult to collect, and such records as I possess are mostly accidental finds. One medical antiquary thinks that there must have been surgeons in country villages from the earliest times. In fact he goes so far as to trace them back to the Roman army surgeons, which is going very far back indeed. But judging from the names which I have been able to discover, village practitioners were few and far between even in the seventeenth century.

The poorer classes were always more or less dependent on amateur surgeons, some of whom belonged to the higher classes of society according to Dr William Bulleyn, a celebrated English physician of the sixteenth century, who was born in the Isle of Ely, although he did not practise there. His writings make him the most interesting doctor of that time. He tells us that many country gentlemen and women had divers medicines with which they helped those who could not spend money in surgery, and he particularly mentions his relative "Sir Phillip Paris, of Cambridgeshire, whose cures," he says, "deserve praise." Now Sir Phillip lived at Linton, and the earliest country surgeon I have met with also lived at Linton. I met him in the muniment room at Ely, quite accidentally, under the following circumstances. A woman of Little Wilbraham

was indicted before the Bishop's Court in August, 1581, for incontinency and contingent offences. She wished to call as a witness her doctor Richard Widdows, of Bridge Street, Cambridge. He was asked to appear at 8 a.m. on September 9. He did not come, and although summoned three times, he never appeared. Either Dr Widdows had scruples about divulging professional secrets, even in the Spiritual Court, or did not want to be cross-examined, or Mrs Horner hadn't paid her bill—any way he would not give evidence. So Mrs Horner had to get another witness, and she chose her husband's doctor, Mr John Stacey, a surgeon of Linton. He boldly came forward in the following January and gave evidence in support of the woman's case. His evidence is of too technical a character to be understood by the public, but my opinion is, that Widdows was the wiser man of the two, certainly as regards worldly wisdom. It was of course the usual difference between the simple country and the wary town practitioner. But although I must deery the worldly, if not the professional wisdom of Mr Stacey, I have nevertheless tried to find out something about him, and was pleased to find that he was at one time a trusted member of Sir Phillip Paris's household. Sir Phillip in his will, proved in the first year of Queen Elizabeth, left to John Stacey the keeping of his house in Linton during the nonnage of his son Robert. Stacey was to have a chamber near the hall, an annuity of £1 a year for fifteen years, and as much fruit and vegetables as he required from the orchard and garden. This post had previously been held by a priest, so it was a trust of considerable importance. Young Robert Paris died before Stacey's annuity ceased, but Stacey had meantime bought a house of his own, in which he now set up as a surgeon. Whether he had a proper licence or not I cannot say, nor where he learnt his surgery, unless it was from that successful amateur surgeon, his late master Sir Phillip. However that may be, he seems to have flourished, as in 1592 he paid the fifth highest amount of taxes in Linton. He died in 1596 and was buried in the church there¹.

¹ Here I may as well record what I have found out about Mr Widdows. He lived in St Clement's Parish, Cambridge, and died in 1588. His store of

I have lately seen a sixteenth century manuscript book of recipes which once belonged to the lord of the manor of Barham in Linton. And it is possible to connect that book with Stacey. The only name written in that book is George Willowes, and John Stacey's next door neighbour, as shown by a contemporary map, was John Willowes. It is possible that Stacey gave the book to Willowes, and from him it somehow got to Barham. But whether connected with Stacey or not, it is at least a Cambridgeshire book of recipes, and deserves a few words.

A large proportion of the recipes deal with remedies for boils, or fellows, as they are called here. One remedy is for the disease called the "New disease." The same complaint fell on the public as a New disease about twenty years ago—Influenza. This remedy was rather a pleasant one, being a mixture of mulled sack and malmsey wine.

Another remedy is to cause a man

"To eschewe dronkinnes and vomiting
& to avoyd wicked drinkes & meates

Take bettany & dry it and make a powder thereof & use it every daye fastinge in a little stale ale."

Enough to frighten away a man's appetite for a month.

The following is

"A medicyne for the goute

Take black sope & the yolkes of egges, & stir them together

drugs was simple. Litharge of gold, which was yellow oxide of lead, a paper of frankincense, a pot of honey, boar's grease and deer's suet. Altogether his professional outfit, including a brazen pestle and mortar, did not exceed 7s. His apparel included a freeze mandilion, a blew cote, three pair of breeches and a pair of patens. He ate his meals off pewter and used a latten candlestick when he went to bed. His library of general literature consisted of five volumes. A bible with three clasps, by far his most valuable book, a book called *The Benefit of Christ's death*, a mixture of fact and fiction called *The green forrest, or a collection of Historyes no less profitable than pleasant and necessary, doone out of French into English*, published in 1571, a kind of Dictionary of Quotations called *A Variety of Sentences*, and an English translation of Petrarch's *Physic against Fortune*. His medical books will be mentioned later. Mr Widows was evidently a believer in luck, for in his surgery he had four old horse-shoes.

unto a salve and make a plaister thereof & laye it to the sore place & wthin six howerys yt will cease aking."

Six hours seems a long time to look forward to when one has acute gout in the toe.

In connection with a fellow or boil this remedy is given:

"A salve to close up the wounde
after ye coore is droune out of it

Take one poune of may butter & half a pound of wax & seathe them on the fyer and treye them well, then take a handful of planten & as muche rybworte, ij handfull of valerian, half a handful of brookelime, as much smalledge, a good handful of orpine, a handful of tutson, as much sinkfoyle, half a handful of grounde ivey, & a handful of green elder flowers, cut them small & seathe all these in the waxe and maye butter, then strayne them & put them in dishes or make it in cakes."

May butter is highly clarified butter, very pale in colour. The mention of ribwort and plantain shows a nice appreciation of differences between members of the genus *Plantago*.

One of the strangest recipes is this:

"Take glow wormes and being covered with hors dung in a certaine time they will desolve, wiche being mixt with a like proportion of quicksilver first clensed, which will be in sixe times washing in vinegar mixt with bay salt, which after everie washing and rubbing must be cast away and then hote watter put to the quicksilver and washed, and then [the glow-worms and quicksilver] inclosed in a pure glass [the product] will give as much light in the dark as the moon."

Glow-worms are very common at Linton still, but I have not tried this recipe.

But to return to country doctors. At the present day my district as a parish doctor contains about twenty-five square miles, with a population of 4400, and my nearest colleague is four miles distant. In dirty snowy weather the work sometimes seems hard. But the seventeenth century surgeons must have had a much harder time of it in this part of the country. Mr Ambrose of Ickleton, Mr Ady of Shudy Camps, and Mr Alington of Brinkley were at least eight miles from each

other as the crow flies, and each of them considerably more from Cambridge. So each man had to rely on his own knowledge and resources.

These doctors of the year 1640 are mere names to us; but towards the end of the century it is possible to obtain some more details about them. The records of the Probate Courts at Peterboro' offer a comparatively easy field to search, and from thence I have obtained much of my material, including the will and inventory of Mr John Longworthy, a practitioner in physic and surgery, who died at West Wratting in 1685. West Wratting was then, as now, a small country village. It is a peculiarly shaped parish, about six miles long, and in places less than a mile broad, stretching from the highlands on the county boundary to the Icknield Way, and having the Fleam Dyke for part of its S.W. boundary. In 1685 it contained about 67 houses, which on an average of four to a house means a population of 270. The house in Wratting Park, which was not so big then as it is now, was occupied by a Mr Lloyd, and there were four other houses of the size of Longworthy's. The village is on one of the main roads from Colchester to Cambridge, and does not seem to offer much scope for a resident doctor. And from an entry in the parish records it seems that Longworthy went as far as Linton, six miles away, for his patients. In 1684 the overseers there paid him £5 for curing a man of the dropsy.

And now at the expense of seeming a little tedious I should like to describe in some detail this country doctor's house and premises as they were when he died. The house consisted of hall, great and little parlours, closet for drugs and surgical instruments, kitchen, pantry and cellar, with five bedrooms and a garret which was used as a granary. A building with two gables and a connecting hall, such as still exist in this county, would fit this description.

On entering the hall you would have seen two gate-legged tables, five joined stools, a grandfather's clock, and a corner cupboard. The hearth contained a fire-grate, but the floor was carpetless. In the little parlour was an oval table and six

¹ Hearth Tax Roll.

painted chairs. No carpet and an open hearth. In the great parlour was the only carpet in the house; an oval table, probably of walnut, six leather and two panelled chairs, and an open hearth with large cobirons. As regards the bedrooms, the hall chamber and the great parlour chamber contained fire-places, which were also open hearths. In the former was a four-poster bed, a carved oak hutch, three chairs and a pair of bellows. In the great parlour bedroom, evidently the best bedroom, was another four-poster with curtains, a chest of drawers and a looking-glass, altogether valued at £10, the most expensively furnished room in the house. The other bedrooms were meanly furnished and without fire-places. One of them is called the manservant's room, so the doctor's groom slept in the house.

In the kitchen was a table, with four chairs and a screen. The value, including roasting apparatus, brass and pewter, was £6. 10s. The only eating utensils mentioned besides this pewter, are a case of knives in the pantry and some earthenware.

We next come to his linen, always a valuable item. He had twelve pairs of sheets, that is, two pairs for each bed and two pairs over. And these were sheets which did not wear out and were often bequeathed in wills. He had five dozen table napkins, which seems an excessive quantity, but the same excess is noted in other cases. It speaks well for the cleanliness of the old surgeons that they had such ample stores of linen. Often it was the most valuable item in the household. Thus the linen of a married surgeon in 1577 was worth a quarter of his whole estate, and more than a third of a barber-surgeon's estate in 1604. Dr Collins, a Regius Professor of Physic, had 35 pairs of sheets, 33 table-cloths, 67 towels, 96 diaper napkins, and 150 napkins of other sorts. A Cambridge apothecary in 1605 had 12½ doz. napkins; another of Ely had 5½ doz. There must have been some reason for this large number of napkins, they must have been used, not laid up in lavender. This was before the popularity of the fork as an eating utensil, when the fingers were used in eating, and after each course the salver and a clean napkin were handed to each guest. Dr John Francis, of

Cambridge, in 1665, had a very small amount of linen, but he had a bathing tub, the only one I have seen mentioned, and a wild cat skin mantle¹.

As we should expect, Mr Longworthy's drink was beer. In his cellar were four half-hogsheads and smaller barrels. And as there was a cider press in his brewhouse, whenever there was a crop of apples, beer was varied with cider.

Last of all comes his professional apparatus, which in the inventory is summed up very briefly. "His instruments and utensils for physic and chirurgery, two stills, one mortar, and a few old books £4," exactly the same value as his linen. His possession of stills shows that he must have distilled his own rose-water, treacle-water, and other such compounds. Doubtless he spent many hours grinding dried roots to powder in his mortar, with one eye and ear on the bubbling of the fluid in his still. A man who spent hours in the preparation of his physic had more faith in it than some have nowadays.

The most valuable part of this surgeon's goods was neither domestic nor professional. He was a small farmer, and his agricultural goods amounted to £65, out of a total of £121. Thus he had five cows, two nags, with bullocks, hogs, and poultry. In his granary, which was the house garret, were two and a half loads of wheat.

Longworthy is the only purely village practitioner of whose property anything is known, but three apothecaries of Ely and March add a few items of interest. Henry Crofts, who died at Ely in 1694, had a small house nicely furnished, including nearly 40 oz. of silver. Three gotches, a Japanese box, and a side-board cloth of calico are unusual items, as are casks of brandy and tobacco. In his summer-house he had a guardian glass, whatever that is. Thomas Marshall, of March, had a watch, a silver taster and a runlet of gooseberry wine, as well as a parcel of barley in his barn for October brewing. Henry Morley, who

¹ As details of unusual publication I append the following extracts from the account of his executrix :

"For rosemary, bran, sedge		4 <i>s</i>
M ^r W ^m Wells for wine at the funeral	2 <i>l</i>	7 <i>s</i> 4 <i>d</i>
M ^r Finch for confectionary	2	5 <i>s</i> 7 <i>d</i>
M ^r Sam Moody for ribbons gloves &c.	10	0 <i>s</i> 0 <i>d</i>

died at Ely in 1735, is the latest. Each item is priced in his inventory. The grandfather's clock in the hall is valued at £4, and the china in his parlour at £2. The odd thing about his house is that none of his bedrooms contained washstands. Each had bed, dressing-glass, chairs, and a chest of drawers or a table, but no washstand.

IV. THE DRUGS USED.

When giving an account of Mr Longworthy's establishment I was unable to include an account of his drugs, as they were valued in a lump. And it is the same with most other inventories¹. However, the men who appraised the stock in trade of Henry Hayes, a chirurgeon of Wisbech, in the year 1702, have been kinder to us, and owing to their detailed list, we know what drugs a country surgeon used two centuries ago². Their variety, both vegetable and mineral, is astonishing. There were drugs to produce pain, such as colocynth and jalap, and others to mitigate those pains, such as coriander and cardamoms. Quassia and lignum vitæ, or guaiacum served as bitters. He had no Peruvian bark, but he had half a pound of Winter's bark from the Straits of Magellan. Aromatics were well represented by olibanum, frankincense, elemi, and balm of Gilead. All these were in great repute then, but they are not many of them used much now. He had an ounce of opium, and a pound of manna, the latter being as excellent a remedy for babies of the Augustan age of English literature as it is for babies of to-day. Of vegetable plasters, there were two, oxycroœum, a brown plaster containing saffron and vinegar, and mellilot plaster, of a green colour, made from a plant still growing wild in this county, and pennyworths of which are yet sold by chemists.

Mr Hayes had various aromatic oils, essential oils, as we should call them now. Of oil of cinnamon he had half a teaspoonful. This must have been a very scarce drug, as even now, if bought by the pint, a teaspoonful would cost 6d.

¹ Bottles, gallipots, syrup jars are often mentioned, but not their contents.

² Inventories of Consistory Courts of Ely.

Turning to minerals, we find that Hayes must have been a disciple of Paracelsus, as antimony and mercury are well represented by crocus of antimony, now used only in veterinary medicine, quicksilver, calomel, corrosive sublimate, and red precipitate or oxide of mercury. Of lead in the metallic state he had two stone, as well as various quantities of red and white lead and gold litharge. Zinc and copper were also represented, and he had seven pounds of metallic iron.

We now come to drugs from the animal kingdom. Of English castor, a drug obtained from the beaver, he had an ounce. I doubt if it was really from the English beaver, as that animal must have been extinct then. "Castor," says one of Hayes's contemporaries, "is ranked among the antispasmodics; it is of a saponaceous nature, so does not act by its stimulus alone, but is resolvent and detergent, &c., &c." American castor is still quoted in wholesale drug lists at 10s. an ounce. According to old writers, the worst castor came from New England.

Of musk, obtained from a deer in Tibet, Hayes had half a drachm. Because of the distant and inaccessible region from whence it came, you would expect this to be an expensive drug. At the present day half a drachm would be worth about ten shillings, but must have been much less valuable then. As it has been recommended to be given in half-drachm doses, it can obviously never have been a popular drug. It was given for hysteria, or the vapours. An old writer says, "When musk occasions hysterick symptoms by its smell, then fetids applied to the nose soon afford relief." Of civet, a similar substance to musk, obtained from Brazil, he had a scrap. This is now worth 10s. an ounce, but may have been worth more then. Of crabs' eyes, a stony substance from the crab, he had two ounces, the same quantity of spermaceti, and eight ounces of Spanish "flies," really a beetle, which is used for blistering.

The apothecary of the seventeenth century was as a rule noted for the complicated nature of his compounds, but Mr Hayes was not very extravagant in that way. He had a large quantity of diacodium simplex or syrup of white poppies, and a smaller quantity of diacodium nigrum or syrup of black poppies.

These, unless small quantities of opium were added, must have been feeble narcotics, but they were celebrated medicines. One of his compounds has stood the test of two centuries since his time, and can still be bought in any chemist's shop. Doubtless some of you have taken it on bread and butter when children; that is, lenitive electuary, or confection of senna. His preparation contained decoction of polypody, which is now left out.

His ointments are different from those in use at present. His favourite seems to have been populeon, an ointment made from black poplar buds, which, according to Culpepper, is singularly good for all heat and inflammation in any part of the body, and particularly swageth the pain of gout in the toe, and is much used by women to beautify the hair.

He had no class of preparation corresponding to the tinctures of the present day, but he had two celebrated compounds, one of which is still in use, and that is the elixir exproprietatis, the elixir of property to man, an invention of Paracelsus. This is a very nauseous decoction of aloes, myrrh, and saffron, which, with the addition of liquorice to mitigate its nastiness, is still in use. The other celebrated compound was treacle-water. Treacle, as used here, has no connection with modern treacle. The name of course has only comparatively recently been applied to a product of the sugar-cane. It was originally an antidote for the bites of venomous beasts. There were different kinds of treacles, such as Venice treacle and the treacle of Mithridate. They all contained a large number of ingredients, often as many as fifty, including the flesh of vipers, and their appearance was that of modern treacle. The treacle-water of Mr Hayes was distilled from a mixture of French brandy, vinegar, juice of green walnuts, roots of butterbur and other herbs, together with Mithridate and Venice treacle. It would probably be a pungent, aromatic, dark coloured product, with hardly any medicinal virtues, except those dependent on faith. It had taken infinite trouble to prepare. It was given for fevers.

Such is a brief account of the drugs of the apothecary of two centuries past. A complete list is given in Appendix I. One would have expected from such a good list that he had

rich patients to take, and to pay for, these drugs. And yet we find that the debts owing to him amounted to only 10s., and his purse and apparel are valued at 50s. It looks as if he had been ploughing the sand.

An earlier list of drugs occurs amongst the inventories of the University Court¹. Thomas Brydon, an apothecary of Cambridge, who died in 1589, left property to the value of £60, of which the drugs amounted to 27s. 10d. The pleasant thing about his list of drugs was that he had no nauseous remedies at all. His chief method of administering medicines was by means of conserves, or confections. Thus he had nine pounds of conserve of barberries, worth 1s. a pound. Barberries were supposed to be good for many ills, but Culpepper says they are especially good to get a man a stomach for his victuals. Conserves of cherries and roses would strike no terror into the minds of children, but must have been used to cover the taste of more nauseous drugs. Angelica, caraways, and cummin seed are also flavouring agents, and when we find "pepper, cloves, cinnamon, prunes, raysons and other spices," valued at a fifth of the total value of his drugs, we must reckon Mr Brydon an elegant pharmacist.

Now we come to his external remedies. With his angelica and caraways are enumerated stavesacre seeds. These were not for flavouring purposes, but for making an ointment. Cambridge school children of the year of the Great Armada harboured uninvited guests in their heads, and this ointment was to kill them. One of his drugs is in common use at present, lapis calaminaris, or calamine powder, a native carbonate of zinc. Red and yellow wax, spermaceti, oil of roses and diachylon plaster are names well known. But two of his drugs I cannot run to earth, oil of exceter² and green trett, the latter being apparently an ointment or plaster. The name of one of his ointments puzzled me for a long time, and was the cause of much loss of time over dictionaries and vocabularies. In the

¹ Bundle 5.

² This was made by macerating about two dozen different herbs in oil and wine. Dr Quincey says that it was more called for by the common people than in regular prescriptions.

transcript of this inventory, made by the clerk in the Probate Office, occurred an ointment called "Ira dei," "The wrath of God." This could only mean a vigorous blistering ointment, but I could find no confirmatory evidence. Sometime afterwards I was looking through a manuscript which had belonged to the Squire of Barham, and was written about the same time as Brydon's inventory, and there amongst some medical recipes I found one headed "Gratia dei," "The grace of God," gratia being written grā; and I was very pleased on looking at the original inventory myself to find that grā, and not ira, was there written.

The recipe is so quaint, that I will give it in full.

"Emplastrum vocatur grā dei

This plaister is called the grace of god for that his angell brought it frō heaven to King Alexsander for the people of his land when they were all near lost with deadly woundes by spear dart and dagger and with many other malladyes, as the surgeons have longe since fayned, I would saye avowed. Take the juyce of bettany, the juce of vervayne & of pimpernell of eche one ponde, & take a pound & half of waxe rosen, & half a pounde of pery rozen, iij ownces frankconcence on ounce & smalle powder of collophonye, halfe a pounde & hal a pound (*sic*) of the wetest of sheepes sewit, A pinte of sweat bascard¹ and boyle them together in a panne over the fyer, till it be some what thicke. & take it from the fyer & cleNSE it fayer through a clothe and set it over the fyer agayne & put thereto iij ounces of oyle, and all the powder aforesayd, & so boyle it softlye the space of thryse sayinge the lordes prayer, and take it and cast it in a charger till it be could, & then take it owght & cut it leaches & rowle it into roules & keep them in a leather or parchment for it is good."

This recipe interested me particularly because it was written in that book in the village where I now practise, and may be in the writing of an early predecessor of mine there. Both water betony and wood betony, and vervain, once so celebrated as remedies, are now forgotten, although they still grow in the

¹ Spanish wine.

woods and ditches of Linton. Everyone knows the scarlet pimpernel, but who would care to collect enough to make a pound of juice? The space of time which the compound was to boil, "space of saying the Lord's prayer thrice," must of course vary according to whether the compounder was a quick talker or a stutterer. The finished product would probably be something like basilicon ointment, a drawing ointment, and suitable for the festering wounds of King Alexander's army.

Dr Brydon's shop furniture was as follows:

Two nests of boxes, containing boxes & the seed in them 5s., thirty-two gallipots 5s., twenty-five great boxes 4s., thirty-six glasses 3s., seven oyle potts 2s., eight rounde standing boxes & thirty-four boxes 2s., four brazen mortars weighing 9 score & ten pounds at 3d., £2. 6s. 0d., four pestles weighing 20 lb. 3s. 4d., a marble mortar & a marble grynding stone & a muller 3s. 4d., seven pairs of scales, three half hundred weights of lead & nineteen pounds of brazen weights £1.16s., one bowstringe 4d., one hanging candlestick 1s., two old great counters and two settles 13s. 4d.; seven great standing pots 4s., two dialls, a box, a sheaf of arrows & other trifles, two styllatories 6s. 8d., lead, & a styllatorye of lead 20s.

In the study were a table, oulde books, ould keys & other trash 2s. 6d. In the Hall an oulde bible & service book 1s. 8d. His clothes were worth £3, his linen £5.

V. CAMBRIDGE DOCTORS.

Walter Lemster, Physician (?1440)-1487.

An early Cambridge physician who became eminent and fashionable in his profession was Walter Lemster, who took the degree of Bachelor of Medicine in 1466¹, became a Fellow of King's and the leading practitioner in the town. Amongst his patients was the Bishop of Ely. When that Bishop was taken ill in May, 1477, in order to be certain of his attendance, he had settled on the doctor an annuity of 10 marks a year, to be paid out of the manor of Fen Ditton. In the following April, the

¹ Grace Book A, p. 64.

Bishop's health having become worse, and more attention from the doctor required, the pension was increased to one of 20 marks for life. The Bishop was then living in his palace at Downham, which is nearly twenty miles from Cambridge, too long a journey to take every day in bad weather. So the grant of the pension contained stipulations about the doctor's entertainment, or *Bouche de Court*, as it is called. This was to be provided, for the doctor himself, for two servants and three horses, as often as he should visit the Bishop. This stipulation shows that the doctor travelled about attended by two mounted servants, rather a lordly method.

But in spite of Dr Lemster's skill the Bishop died in the following August, and the doctor had his pension of what was equal to £130 of our money for life, and there are records to show that it was really paid¹.

Dr Lemster was still living at Cambridge in 1480, but sometime after that date he removed to London, and when Henry Tudor became King, Lemster was appointed his physician. It is possible of course that the King had met the doctor at Cambridge, whither he sometimes came with his mother about her college foundations, and had invited him to come to London. In 1484 he received a grant of a pension of £40 for life from the King², which, with his other pensions, gave him a comfortable income. For besides those already mentioned, in 1483 occurs the record of a pension of 10 marks being granted to Lemster and his wife Katherine by the Duke of Norfolk³. But he did not enjoy his pensions many years, for he died in 1487, and was buried in S. Antony's Church, London⁴. He could not have been a very old man, as it was only twenty-one years since he took his degree.

From this short account it will be seen that his career was a successful one. Still Dr Lemster had his troubles, and a piquant and interesting episode in his life was when he appeared before the Court of Chancery as a suitor. In the year 1470, whilst he was still living at Cambridge, a fellow don named

¹ Bentham's *Ely*, p. 178, App. No. 34, Suppl. p. 96.

² Patent Roll.

³ Harleian MSS. 433, Art. 1751.

⁴ Weaver, *Funeral Monuments*.

Richard Narborough¹, a doctor of civil law, met at his house a lady named Lucy Brampston, whom the doctor calls his daughter-in-law. Richard and Lucy became betrothed, or, as the record puts it, "Richard affied Lucy to have her for wife, and Lucy likewise." Soon after the betrothal Narborough went to Padua to study law, where it was understood between them he was to stay for two years, after which time he was to come home and marry Lucy according to the law of holy church. Meantime he asked Dr Lemster to lodge his betrothed and her maid, to feed and clothe them, and then when he came home from beyond the seas he would repay him. So Mistress Lucy and her maid dwelt with the doctor at Cambridge, waiting for her betrothed's return. The two years went by and no Richard appeared and no communication from him either. Dr Lemster began to get uneasy, and hearing that the Archdeacon of Norfolk was going to Rome, he asked him to make enquiries at Padua. The only news which the Archdeacon could send was that Narborough was no longer at Padua, but was supposed to have gone to Louvain. Edmund Wright, another Cambridge doctor of law, made ineffectual enquiries there, except that he was traced to Bruges and Ghent. At length after ten years Narborough returned, but not to Cambridge. However, at his special desire Mistress Lucy went to London to see him. The poor lady had worried herself into a long illness and had probably lost her good looks. Any way Narborough refused to marry her, and what was worse for the doctor, refused to pay him his out-of-pocket expenses.

To invoke the aid of the law was ever a costly matter, but Lemster was a prominent man, as we have seen, with an assured income. So he filed a petition to the Chancellor to compel Narborough to marry Lucy and to pay his costs. This petition is the source of the foregoing account. It quaintly declares that not only has the conduct of Richard been to the great heaviness and hurt of the petitioner, but it has also been to the great peril and jeopardy of the soul of the said Master Richard.

¹ Grace Book A, p. 75.

Attached to the petition is a schedule of the doctor's expenses, of which, as it is a curiosity of rare occurrence, a transcript is here given.

Imprimis for bedde & boorde for lucy & hir mayden by the space of x yere by his agreement and special desire paying by y ^e weke iijs ^s iiijd ^d for them twayne	{	1cxxx marks
Item for hir arayment yerely delyvered to hir to by gownys, kirtells, smokks, etc	{	xxii ⁱ
Item for arayment of hir servande yerely delyvered xijs ^s iiijd ^d	{	x mark
Item for necessary expenses made uppon her in tyme of hir sore and gret sekenes, caused thruh his unkyndenes & changeablenes, ful hard to escape with lyeffe as al the cuntrey knoweth wel, & as yet apperith on hir for ever sith she hath ben sekele thrugh sorowe & pensyffenes which she toke for his newfangles	{	xiiij ⁱ xijs ^s iiijd ^d
Item for diverse expensis made over see to seke hym at Loven, at Bruges & gaunt & at paddua, sumtyme by ye archdeacon of North- folke, & by Mayster Edmunde Wright, Doctor of Lawe & diverse other marchandis at many tymes to my gret trowble & charge as it apperith more at large by billys proof made	{	xlii ⁱ .
Item for necessarie costis & charges doon and made at this last tyme yn the mayr of london is court & the sherriff etc, and yn condtyng the seyd Lucy from Cambrige to London at his special desir to speke w ^t hym ther abidyng & taryng for remedy of hir gret wrong by the space of iij wekys	{	xlvij ^s x ^d
Item for myn interest and grevous trowble in al the tyme & space of the said x yer whiche as god knowyth yef y myght a chosen y wolde not a suffird for the wynyng of ccc ⁱ . & mor, I Remit to yo ^r noble wisdome ² .		

¹ £86. 13s. 4d.² Early Chancery Proceedings, Bdle 61, No. 584.

The total amount claimed was £470, or at least £4000 of our money. I should rather doubt if Lemster expected to recover so much. The damages claimed for the grievous trouble to which he had been put, namely £300, are very large, considering the value of the damage to Mistress Lucy's broken heart, which is assessed at only £13. 13s. 4d. If he lost the day the Doctor of Law would certainly be ruined. He would get off most cheaply by marrying the lady. Perhaps he did so, and no more was heard about the case.

John Thomas, Surgeon (? 1490)–1545.

John Thomas took his B.A. degree in 1512, and in 1514 obtained from the university a licence to practise surgery¹. He practised in Cambridge for over thirty years, during one of the most momentous periods of her history, but no reference to him is met with until his death. He died in the late summer of 1545, without having made a will, and letters of administration were taken out by John Pratt, an apothecary. An elaborate inventory of his household goods was made by the university appraisers, and from this it would be possible to construct some sort of a picture of the habits and surroundings of a Cambridge surgeon of the Pre-Reformation date.

His house was one of three storeys, and stood in a row with smaller houses. To this original house, as his family and possessions increased, the surgeon had added two of the smaller houses, one on either side of it, each consisting of a shop, with a cellar beneath and a chamber above. The house as enlarged contained eight rooms, including the surgeon's shop and two cellars. In 1545 only three of the rooms were properly furnished, the hall, the shop, and the chamber over it. This may be accounted for by the supposition that the surgeon died a widower, and that his children had died or married and left him. Perhaps his only daughter had married John Pratt.

The furniture of these three rooms, as enumerated in the inventory, seems to be chiefly remarkable for its lack of comfort. Take for instance the hall, which was dining-room and kitchen

¹ Grace Book B, Part II. pp. 6 and 29.

combined. Over the walls were two old pieces of tapestry, valued only at 4*d.*, there was no carpet on the stone floor, which was probably covered with rushes in winter, and perhaps in August, 1545, with the sweet flag (*acorus calamus*), which then grew at the college backs. A table on a foot could not have been a very large one, but probably quite large enough for the two joyned stools, and an easy chair of wainscot, which completed the dining furniture. In one corner was a cupboard with four locks, and in another a locked chest with a pair of playing tables on it. This latter I take to be a backgammon board. On the open hearth were andirons or dogs for supporting logs of wood, and cooking apparatus in sparing quantity. In the chimney above hung three bags, containing salt and oatmeal. Probably the hams cured last autumn had all been eaten. On the mantel-piece were a quart pewter pot, two pint pots, a half-pint pot, a stone pot with a cover, a pepper quern and a salt box. A pair of bellows hung by the side of the hearth. Various platters great and small are enumerated, but no dresser on which they could be displayed. I think however that wooden trenchers were used in this household, as there were two dozen of them besides wooden dishes. Two articles are mentioned together which seem at first sight ill-assorted, a battledore and a rolling-pin value 2*d.*, but a battledore at this period was a washing-beetle, not for playing with a shuttlecock.

In the chamber over the shop, which seems to have been the largest room in the house, and was the surgeon's bedroom, as it was the only room with a bed, were gathered together many things from other parts of the house, yet of bedroom furniture there was little, save the bedding, which consisted of mattress, feather bed, sheets, blankets, bolster and pillows, a three-footed buffet stool, two four-footed stools, two chests with locks and keys, and a feather cushion. That is all.

In the surgeon's shop was another buffet stool, an old wainscot chair, a turned chair, a round table, and a red-backed cushion. In the whole inventory, which comprises nearly five hundred items, there are no more chairs or stools than are mentioned in these three rooms.

As regards the surgeon's shop, the professional part of it can soon be enumerated in detail. First there was a window frame of canvas, from which I conclude that the shop window was usually open to the street, and only closed on special occasions to insure privacy. The chemical apparatus consisted of one latten and two brazen mortars, a little melting pan, a pile of Troy weights, a hair sieve, a chaffer with a lid, and two things of pewter to box salve with. The greater part of the drugs are lumped together—"bottles, pots, salves, boxes and other trash," value 6*s.* 8*d.* But a few are mentioned by name. A bottle of alegar, valued at 2*d.* It is curious to find this article had any value at all, as it is simply sour beer. Perhaps 2*d.* was the value of the bottle containing it. A pot of may butter, that is, butter which has been several times melted, is of a very pale colour, and goes rancid slowly; small quantities of alum, wax and rosin; a sheep skin for plasters, four pounds of flare for ointments; fourteen pounds of iron in slips, evidently for medicinal purposes, to make steel wine, &c., complete the list. The value of this iron was five shillings, a little over fourpence a pound. In a little casket and in a coffer with locks, were kept the surgeon's most precious drugs. At present they were out of stock. His surgical instruments are not very formidable, nor is their enumeration enlightening: e.g. ten old tools 6*d.*, five little tools for teeth 2*d.*, a leather bag with tools and boxes 12*d.* Out of a total of £31, his stock in trade was worth only £2.

The greater part of the five hundred items is made up of personal or household clothes, which also constitute the articles of most value. Nothing seems to have been too trivial to take note of: e.g. a rusty knife 2*d.*, an old hamper 1*d.*, a salt box $\frac{1}{2}$ *d.* There were very few portable pieces of furniture, a painted coffer with lock and key, and a great chest are once mentioned, being valued at 16*d.* each. Dr Thomas did not leave a well-stocked larder, for no single article of food is mentioned. In one of the cellars was a poundsworth of charcoal, and in the attics a shillingsworth of sea coal. In the yard was a select feathered family consisting of a cock, two hens and three chickens. Our surgeon was in the habit of making his own

feather beds, for amongst the items is a bag of feathers valued at 3d.

He was so well stocked with some articles, that the number will surprise you. For instance he had sixteen metal candlesticks, which were kept on the stairhead; one of these is described as having a prick, as if that was unusual. Then he had sixteen pairs of sheets, whereas he had only two bedsteads. But most remarkable of all, are his twenty-five shirts in various stages of wear. This brings me to a prominent characteristic of the man, that he hoarded up all his cast-off clothing, and even those of his dead wife as well. The appraiser's description of some of the latter may amuse you.

Item a kirtell of scarlet in pieces all eaten with moths	3s. 4d.
Item a kirtell of worstede eaten with rats	... 2s. 8d.
Item a gown of blue likewise eaten	... 3s. 4d.
Item a gown of murrey, shamefully eaten	... 3s. 4d.

From the description you would think that these garments were in rags, and yet they are valued at more than his medical books. Galen's *De Elementis* is valued at a shilling, and Vigo's *Surgery* at 8d., but the gown of murrey, shamefully eaten, at 3s. 4d. Some of his wife's clothes are more respectfully described, such as a red kirtell in a linen bag, value 4s., a scarlet petticoat 2s., a woman's gown of murry lipped 5s.

Amongst the kitchen utensils was a pair of women's sleeves, probably to be worn as the twentieth century housewife wears white sleeves when she does a bit of cooking.

When we consider the surgeon's own clothes, those which he had recently worn and those which he had worn thirty years before, it becomes easy to understand why he had twenty-five shirts. He had kept all his old ones. And he had done the same with his academic costume, which is an epitome of his life.

- A surpless in a linen bag
- A bachelor's habit & hood
- A scholar's gown
- A Master of Arts hood
- A priest's cap.

The scholar's gown was worth more than all the others put together.

The list of his clothes includes doublets, coats, jackets, gowns, gaberdynes, and cloaks, of varying colours and values, but says very little about his hose. A doublet of white fustian tied to his hose, a pair of which in the hall are valued at 8*d.*, is once mentioned. But the elegance of his upper garments made up for the poorness of his hose. He could cut a really fine figure when out walking. In the summer he would wear his doublet of satin, with a velvet girdle and purse round his waist, and his hat with red ribbons. If it rained he would put on his gaberdyne of tawney chamlet faced with coney, and perhaps his sarcent tippet. For the winter he had a red buttoned cap and several leather jerkyns and jackets, particularly a jacket of tawney chamlet frockwise, and a sarcent neckerchief; in rough weather he could choose between his violet gown faced with fitches 13*s. 4d.*, his gown trimmed with fox 13*s. 4d.*, or his long gown with a hood faced with chamlet 20*s.* One of the clothing items is this: "A cloke of the nue color 2*s. 4d.*" So he evidently kept up with the fashion. What the new colour was three hundred years ago it would be difficult now to determine. Boots are like hose, a very small item in the list, but a shoeing horn and three pairs of spurs are valued at 2*d.* The latter must have been like his wife's clothing, a reminiscence, for he had neither horse nor harness when he died. Some of his clothes were hanging in the shop, a satin doublet, a hood lined with mockado chamlet, and a sarcent tippet. These may have been his every-day clothes, and those which he last wore when he sallied forth on his rounds with his leather bag of tools.

Just a little can be surmised concerning the sports and pastimes of this surgeon. The possession of a hanger and a dagger shows that the sport of fighting was not unknown to him. He also had a sword with two edges, a broadsword, such as we associate with northern parts. Perhaps he had done a bit of soldiering in his youth, had slain a Scotchman on Flodden Field, and brought back his broadsword as a trophy. But he used gentler sports also: a bugle horn may have been for

hunting. A net and lines and several hoop nets show him a fisherman. And as for a quail net and pipe, it is quite plain what they were for. The surgeon was in the habit of repairing to Swinecroft, there to practise the gentle art of inveigling the toothsome quail into his net.

He had a good library, considering that he was a surgeon, and thus not supposed to be learned, but to occupy a much inferior position. He had ninety-one works, the titles of fifty-eight being given, eleven of them being medical. These will be noticed later. The classical authors read by Thomas were Ausonius, Aulus Gellius, Caesar, Cicero, Horace, Politian, Sallust and Virgil. No Greek author, you will notice, which makes me suspect that his Galen and Aristotle were in Latin. But he had Greek and Hebrew grammars and several copies of the Lexicon of Calepinus. Devotional books are represented by the New Testament in Latin, a psalter, a missal of the smaller volume, and the Golden Legend in Latin and French. From the astronomy of Guido de Cauliaco, he learnt when was the proper time to bleed his patients. Of modern literature he had little. No book in English is mentioned. A French book without clasps or strings had been sold for 8d. The works of the Italian historian Sabellicus, the Latin Comedy of Acælastus and the Epistles of Francis Niger were all he had to amuse himself with¹.

Robert Pickering, Physician.

Robert Pickering, a contemporary of Thomas, kept a much more orderly house than the surgeon. The effects of the latter were scattered in a higgledy-piggledy fashion over many rooms. The physician had a smaller house, but it was more orderly arranged. But the physician had a wife to keep his house in order, the surgeon only the memory of a wife and her moth-eaten clothes.

Dr Pickering died in the summer of 1551, perhaps of the sweating sickness, which was then raging in Cambridge. In his will he simply describes himself as a scholar, of the town of

¹ A complete list of his books is given in an Appendix, No. II.

Cambridge, and goes on in devout and almost poetical style, "I wyll my body to be placed in the earthe amongst the congregation that be asleep in the lord, & the order of my burial I do refer to them that have the interest of my goods."

The rooms on the ground floor of his house were hall, parlour, kitchen, shop, and pantry. The hall was the main living room. As such, we might not find its furniture very comfortable at the present time, but as an entrance hall, many people would give large sums for the furniture if it could be obtained now. It is at present a fashionable ambition to collect into our halls as many old and often useless pieces of furniture as we can pick up, imagining perhaps that by so doing we are giving ourselves the surroundings of the spacious times of Queen Elizabeth. Now see the furniture of the hall of a Cambridge physician of the year 1551, the year of the great sweat.

You would enter through a portal of wainscot, a kind of double door to keep off the draught. The walls were covered with painted hangings or tapestry, which were as valuable as the rest of the hall furniture. The floor was of polished oak. The length of the room was at right angles to the entrance. In the middle was a table on a frame, nine feet long. At each end of the table was a chair, one with a velvet cushion for the lady. Also at one end was a little joyned chair with a back, and at the other end a little joyned stool with turned feet. Each of these had a cushion, and were evidently for the children. On the opposite side of the table from the door a joined form ran the whole length of the table, and on the side next the door were placed six joyned stools¹. At one end of the hall was an open hearth, and on the mantelpiece above it a drinking-glass. In a corner cupboard near the hearth was a roasting-jack with two locks and keys. On a nail by the portal hung a clothes brush. The only other piece of furniture was a banker of six yards, this was a covering of tapestry, but I cannot place it. The doors which communicated with the hall led into the doctor's shop and kitchen on one side, and the parlour on the other. The kitchen contained a variety of

¹ Thrée of which are specified as having corners.

utensils¹ and a pint pot with a bar, the latter perhaps for keeping the doctor's moustache out of his beer. In the buttery, amongst the pewter, were six dishes of the new fashion. These were highly priced at 4s. 4d. Here was also a linen wheel.

The doctor's shop was most creditable to him, though hardly suitable for a physician of to-day. There were two fair counters with locks and keys. It is not clear why counters required locks and keys. The drugs were on twenty-one shelves, which were hung with painted valance, paned yellow and red. The shelves contained nineteen syrup pots, thirty-three great gallipots, twenty pottle glasses, and many smaller glasses or bottles. "Three styled waters and their glasses," valued at 10s., were large bottles of waters distilled from rose leaves, dill seed, or other aromatics. Nine dozen phials are priced at 4s. There were no less than nine pairs of scales, and ten ink-pots, the latter number being rather a puzzle. But nine spatulas for making ointments, and a stillatory with a pewter head are usual. The total value of his drugs was about £10, and of his shop fittings £8, altogether a quarter of his personality. Therefore I said his shop and its contents did him credit. To this section belong the doctor's little nag, valued at £2, and his riding boots, bridle, and saddle, valued at 3s. 4d.

In his shop were some old books being used as waste paper, and valued at 2d. For all we know the doctor had been accustomed to wipe his ointment knives on leaves torn out of Caxtons, now as valuable as bank-notes.

There must have been a staircase somewhere in the house, but the inventory does not name it, so I must take you straight to the chamber above the hall. This was entered through a portal quite as elaborate as that at the hall door. It contained a fair standing bed, with settles about it, and the walls were covered with stained cloth hangings, which were paned yellow and red, with a border. Two of the most interesting items were in this room, hanging on the wall, I suppose. One was "A mappe de peregrinatione Pauli," that is, I suppose, a map of the Mediterranean Sea, showing the wanderings of S. Paul.

¹ Such as skillets, trevets, chafers, gridirons and dripping pans.

The other was "A table of S. Barbara et eccl¹ homo." I can give no explanation of this.

The doctor's clothes were not so numerous as those of John Thomas, but I daresay they were newer and smarter. He had doublets of damask, satin and taffety; one gown of russet guarded with velvet and faced with black coney; another gown was faced with lizard, which must have been very striking; and another with foynes of chamlet, which means, I suppose, slashes of chamlet across the front. This was his most expensive garment, valued at 30s.

I am sorry, for the sake of the ladies, that I cannot give a list of Mrs Pickering's clothes, but they may be interested to know that she rejoiced in the possession of nineteen pairs of sheets, of which eleven pairs were flaxen, the others hempen, total value £6.

In later times it was the custom of Cambridge doctors to collect much gold and silver plate. Dr Pickering had not been very successful in this, as he had only a dozen silver spoons and a gilt salt. But I fear he died young, before he had had time to fill his stocking.

His library consisted of over 200 volumes, most of them in Latin and Greek—only one English title is given. About 145 works are mentioned by name, 43 being medical works. The most valuable item is a copy of the works of Galen in Greek, but his medical works will be considered in a special section. There is no doubt about his knowledge of Greek. His Plato was his most valuable classical work (2 vols. 10s.), next come Cicero (2 vols. 6s.), Thucydides (4s.) and Plinius *in magno* (3s. 4d.). Other authors are Herodotus, Herodian, Diodorus Siculus, Plutarch, Socrates, Euripides, Seneca, Plautus, Pindar, Lucian, Suetonius, Martial and Sallust, a goodly list for a medical practitioner. A later work was the *Consolation of Philosophy* of Boethius. There were at least eight works by Erasmus, who must have been his contemporary at Cambridge, including two copies of the *De constribendis epistolis*, valued at 2d. and 10d. This was one of the earliest books printed at Cambridge. The *adagia* of Erasmus in a large volume was the most expensive

¹ See also *adagia*. Or ea². It is difficult to read this word.

of his works. Luther is represented by one volume, a work on Deuteronomy. Geography and astronomy are represented by the *Tabula* of Ptolemy and the *Imago Mundi* of Peter de Alyacus, printed in 1492, and the *Epitome* of Joachim Vadianus. His devotional books included the Greek and Latin Psalters, a Latin New Testament, and the *Scala Perfectionis*. The possession of a luting book shows that the doctor was a musician. The date of the first luting book in Watt is 1553.

None of the books mentioned yet could be considered light literature. The only work which could possibly come under that heading is a copy of the *Merry tales of Poggio* in Italian, and perhaps the following works may have been looked upon by Pickering as light:

The *Nuge* of Nicholas Bourbon, a Latin poet of France, 1533; *The beauties of the Latin Tongue*, by L. Valla, a very popular work in the sixteenth century; and a Latin version of the *Iliad* by the same author¹.

John Hatcher, M.D. (? 1512)-1587.

John Hatcher is the first doctor practising in Cambridge who appears to us as living in almost a princely style of magnificence. Probably there is no other town of the size in England, with the exception of Oxford, where so many medical practitioners have been able to amass fortunes. This university town always seems to have attracted doctors with good brains; or with good manners, or perhaps with both. And Dr John is the earliest example. There is a good account of him in Cooper's *Athenae*, II. 7. He took the degree of Doctor of Medicine in 1542, and soon afterwards bought the site on which stood the buildings of the lately suppressed Austin Friary. This covered a large area at the back of Corpus, and was entered by gates from Peas Hill.

He was successful in weathering all the political storms through which he had passed, as other doctors have done, both before and since his time. He probably found it best that his politics should always be those of his patient, an excellent rule

¹ A complete list of his books will be found in the Appendix, No. III.

for both parties. He acquired considerable wealth, and bought other lands in Cambridge and estates in other parts of this county and in Lincolnshire. At the latter part of his life, judging from the contents of his doctor's shop, he gave up practice, and perhaps devoted himself to academic pursuits. For some years he was regius professor of physic, and in 1580 he was Vice-Chancellor of the University, being one of the few Vice-Chancellors who have not been heads of colleges. His name appears in many state papers of this period relating to the University. He died in the spring of 1587, having seen many changes during his residence in Cambridge. Dr Hatcher was twice married. By his first wife he had three children, a son who has a niche in the *Dictionary of National Biography*, although the doctor himself has none, and two daughters, one of whom married another regius professor of physic, about whom I shall have something to say presently. His second marriage took place late in life. In 1582 he married Mistress Jane Freville, a widow of S. Edward's parish. This marriage was not a success. When he made his will less than two years afterwards, he possibly regretted it, and was ready like Mr Weller senior, to enter a caveat against widows. The will states that she had most undutifully stept aside from him, without his consent or knowledge, and his legacy to her of a black gown is only conditional on her wearing it at his funeral.

His considerable wealth is plainly shown by the inventory of his goods taken by the university appraisers in April, 1587¹. This is the most elaborate document of the kind for that period which I have seen. It consists of seven sheets of paper seven inches broad, stitched end to end and then rolled up. There are seventeen feet of writing, some of it being very small. The valuation is only concerned with his personality, such as furniture, clothes, books, money, &c., but it amounted to £1466, a large sum for those times. The appraisers charged £12. 4s. 6d. for making the inventory, which is roughly two-thirds per cent., but they complain that Mr Lively had struck off £2 from this amount. Lively was regius professor of Hebrew, and had married one of Hatcher's grand-daughters.

¹ Univ. Inventories, Bdle 1.

It is quite possible that the inventory may deserve being printed in full, but I had time only to glance over it and pick out a few plums.

The house is described room by room, the furniture being enumerated in detail. Besides outhouses, twenty-seven rooms are mentioned, and not only the number, but also the size of these, astonishes one. For instance, the great parlour is described as having a ceiling seventy yards long and nine feet high, and the great chamber above it a ceiling sixty yards long and two yards high. These lengths of ceiling, seventy and sixty yards, refer, I suppose, to the vaulting which ran round the top of the room. Now a parlour of fifty feet square, or seventy-five feet long and thirty broad, and a bedroom not much smaller, are enormous for the private house of a commoner. And there were besides other large rooms in this house. The ceiled parlour was fifty-five yards round, the new parlour was twenty-three yards round, with correspondingly large chambers above. And they all contained tapestry carpets. So Dr Hatcher must have been a good customer for the upholsterers. Some explanation is needed of the size of these rooms, and I think it may be found in the fact that Dr Hatcher's house was built out of the Austin Friary. This had come into his possession within ten years of the dissolution of the Order, and so would not have been entirely dismantled. Hence it is possible that in Dr Hatcher's great parlour and great chamber we may see the refectory and dormitory of the friars. There are several pieces of furniture also which suggest a monastic origin. A long framed table with six turned pillars and eighteen joined stools may have been used by the friars. A branched candle-stick of latten may have come from the altar of their church; ten pictures of ages in alabaster, and a picture of Mary Magdalen, must have had an ecclesiastical origin. In the great chamber was a large chest filled with copes and other spoils of churches. In an upper room, to be precise, in the apple chamber, is an item described as "An ancient table of the Priors," valued at 16*d.* Whether this was a piece of furniture, or a list of the priors of the Augustinian Friary of Cambridge, it would be difficult now to decide.

Most of the other rooms had portals or double doors to keep out the draught, including the hall. This contained two settles and several court tables and joined stools; in the chimney was a framed cupboard with two doors, so the chimney must have been as capacious as the rooms. The window curtains were of buckram. The usual pair of playing-table is enumerated.

From this inventory we learn that tapestry or coloured cloth was still the chief ornamentation of the walls. Pictures are almost unknown. In the great parlour was a map of England valued at 4*s.*¹, and a map of Baillen² valued at 2*s.* 6*d.*, a calendar in a frame, a framed table of his arms, and a court cupboard with a French panel, which may have been a picture; these are all the items of this character which I could find.

Various items of arms and armour, which would now be exhibited in the hall with great prominence, are here found only in lumber rooms, such as an oaken spear thirteen feet long, a short battle-axe, a black corslet, a head-piece covered with velvet, four jacks for war, or mailed jackets, a caliver and flask, and a halberd staff.

The want of pictures and armour in the hall and other rooms was probably more than made up for by the hangings. For instance, in the new parlour were two great coverings of tapestry³, in the great chamber were hangings of checker carol (a mixture of silk and worsted) sixty yards long and six feet deep⁴, as well as another great covering of tapestry, valued at the same amount. In another chamber were hangings of fustian of Naples, and satin of Bruges. The former was an expensive cloth mentioned in sumptuary laws. A man was not allowed to wear fustian anapes unless he was worth over £2 a year.

The enumeration of all the carved joined stools and tables with twined feet, great joined chairs with embroidered backs, &c., &c., mentioned in this inventory, would only raise envious feelings amongst the collectors in the audience, so I will only

¹ ? Wynken de Worde, 1520.

² ? Boulogne—Nich. Nichola, 1558.

³ Valued at £5.

⁴ Valued at £3.

mention two articles which were evidently novelties: a little table of walnut tree, valued at 3*s.*, and a chair of walnut with a back of green cloth embroidered, valued at 5*s.* Most of the other furniture was probably of oak, as the age of walnut had not yet come.

Of all the rooms in this house the great chamber was the most wonderful. Sixty yards round, it had a large oriel window twelve feet broad at one end, cushioned with velvet, and curtained with green and red say. A suitable room for the great bed of Ware. But the bedstead does not seem to have been very large. It was painted, and had a silk quilt worked with the Hatcher arms. It must have been a cold room to sleep in during the damp Cambridge winter, and one is not surprised to find that Dr Hatcher had three warming-pans and a warming-ball of brass. They were wanted in this room, where the soughing of the wind behind the sixty yards of checker carol must have given rise to many ghostly noises.

The contents of Dr Hatcher's shop lead me to suppose that he had given up active practice. A counter and several pairs of scales, two hundred weight of lead, a pestle and mortar and a settle do not give one the idea of a busy practice. In another room were two crystal stones. These perhaps were not altogether unconnected with his profession, for this was the age of crystal gazers. John Dee and Hatcher were contemporary fellows of St John's. The only drug mentioned is "cipyery" root, of which there were 50 lbs., valued at 2*6s. 8d.* This would be the *cyperus longus*, or galingale, which is not a native of this part of the country. It was used for many complaints, including dropsy. Perhaps Dr Hatcher was trying the galingale cure on himself. But by far the most interesting article in this section was still in the shop, and was valued at half-a-crown. It is called a marble stone to cast manus Christi. A manus Christi was a kind of lozenge, or sweet-meat. So Dr Hatcher made his own lozenges. Perhaps he had a special cough-drop, which he continued to make and sell after he retired from practice.

His collection of gold and silver plate was a fine one. He had about 540 ozs., valued at £140, which works out about 5*s.* an ounce. I will mention a few of the pieces only.

	£	s.	d.
A basin and ewer, parcel gilt, 24½ oz., [for handing round on special occasions]	21	0	0
A standing cup with cover, double gilt, 24 oz., [and several others, some of which may have been chalices]	7	4	0
A standing salt with cover of chase work with D. and G. double gilt, 20 oz... ...	5	8	0
A beer pot with cover, parcel gilt, 14 oz. ...	3	12	4
A stone cruse with gilt cover and tippe, 3 oz., [perhaps a chrismatory]	0	16	0
8 spoons with apostle heads, 12 spoons with maydens heads, 30 oz.	7	5	2
A basin and ewer of silver, for ordinary occasions, 48 oz.	12	2	6
A standing salt with cover H.V. parcelgilt, 19 oz...	4	18	2
A drinking pot with a cover and two ears double gilt, 15 oz.	4	0	0

Considering his means, Dr Hatcher was not very extravagant in his dress. He had got beyond the period of his career when his dress was of as much, if not more, importance than his knowledge of medicine. His clothes were certainly more expensive than those of Thomas or Pickering, but the forty years which had passed since their clothes were valued may have made a vast difference in prices. But I notice as before that little account is taken of nether garments. A great variety of cloaks, caps and doublets, but only one pair of galligaskins, or loose trousers, valued at 3s. 4d., and one pair of boot hose, valued at 5s.

Here are some of his more expensive clothes:

	£	s.	d.
A scarlet gown faced with red damask and lined with red baze	6	13	4
A silk grogram gown guarded with velvet and faced with coney	4	0	0
A coat of velvet without sleeves, with silk fringes	4	10	0
Two doublets with satin sleeves	0	10	0
The best round velvet cap was valued at	0	16	0
A velvet night cap at	0	3	4

In the kitchen was a noble array of brass and pewter. The cooking utensils were large enough to prepare feasts of a Gargantuan character. Prominent among them were eleven brass pots, which were numbered.

No. 1 was a brass pot with long feet, weighing 37 lbs.

No. 2 was one with shorter feet, „ 40 lbs.

No. 5 was another, supposed to be cracked, „ 30 lbs.

and so on. The eleven weighed altogether over two hundred-weight, and were valued at £4. Two brass kettles weighed 31 lbs. The fire irons and roasting apparatus were very massive. For instance the thirteen spits weighed 144 lbs., four pairs of andirons and a pair of racks 168 lbs., whilst the sea coal irons, a kind of movable grate, weighed 76 lbs.

The plates and dishes used at meals were of pewter. The number of pieces is not mentioned, but their total weight was 519 lbs. Each piece was marked with the owner's initials. The stamp used for marking them is enumerated amongst the lumber. Earthenware is not given in detail, but 12 lbs. of Danish pots are valued at 8s., 37 lbs. of livery pots and ewers at 25s., and 40 lbs. of hard pots at 20s.

The only food of any kind mentioned is a small quantity of salt fish in a safe in the yard.

Amongst the lumber is an article which puzzles me—

“A mathematical salerider of parchment folded, 2d.”

It will be supposed that in Dr Hatcher's 16 feet of inventory there was space for many books. And indeed hundreds of titles are given, but they are so crowded, and written in such small characters and with so many abbreviations, that this part of the document is the most difficult to read.

He had a very large and varied classical library and many contemporary works, such as Sir John Cheke's book on Greek Pronunciation, Roger Ascham's *Epistles*, The apology of the Prince of Orange, Micklethwaite's *Catechism for householders* (the earliest edition in Watt is dated some years after Hatcher's death), Becon's *Spiritual and precious Pearl*, and Wilkinson's *Confutation of the Family of Love*. A book called *News of Strange Countries* is valued at 6d.

There are many law books in the list, such as Littleton's *Tenures*, Collections of Statutes, and books on *Magna Charta*.

As he was connected officially with the University, the theological controversies of the time interested Dr Hatcher. There are several items relating to the dispute between Cartwright and Whitgift, some of which were printed in Cambridge. A copy of the confession of faith of the Germans, exhibited at Augsburg, and printed in black letter in London, 1556, is valued at 6d.

There is a list of over two dozen works which were unbound, including the book on the University by Dr Caius, and Carr's *Oration on the scarcity of English writers*. This last has rather a pathetic interest in this connection, for it was edited by Dr Hatcher's son Thomas, who died some years before his father.

Before leaving Dr Hatcher, I may mention that the Austin Friary passed soon after his death into the hands of Dr Stephen Perse, and on a part of the site was built the first Perse Grammar School, which gave the name to Free School Lane. And that a part of the refectory, Hatcher's great parlour, was in use in 1789 as a lecture room for the Professor of Botany¹. A drawing of it by Cole is reproduced in Willis and Clarke's *Architectural History*.

Thomas Lorkyn, M.D., 1528-1591.

Thomas Lorkyn, son-in-law of Dr Hatcher, was, like him, regius professor of physic, which position he held for twenty-eight years. He was connected successively with Pembroke, Queens' and Peterhouse, and last of all with Trinity Hall. From a study of his effects when he died, it does not appear that he was in the actual practice of his profession². But he was a prominent member of the faculty of physic in the University. When Queen Elizabeth visited Cambridge in 1564, he was respondent in the physic act kept before her majesty³.

¹ Cooper, *Memorials*, iii. 283.

² University Inventories, Bundle 4.

³ Cooper, *Annals*, ii. p. 196, *Athenae*, ii. 102.

He died in 1591, and was buried in Great St Mary's. His furniture was not so valuable as that of his father-in-law, so the valuers paid some attention to smaller articles of furniture, and did not do so much lumping together in lots, as lumber and trash. There was not so much tapestry on his walls, so he covered them with pictures and maps instead. But a map of France is the only one named. There was a frame to wind up a map and an almanac board.

For musical instruments Dr Lorkyn had a lute, a pair of virginals, and two gattornes, whatever they are.

His clothes were not very elaborate. He wore carsey breeches and hose, and grogram upper clothing, neither of which are expensive materials. A cloak of black cloth faced with damask and bone buttons was his most expensive garment, valued at 36s., and he had a rat-coloured cloak, 30s. Amongst various pieces of unmade cloth was "An ell of Lancashire cloth 10d.", bought at Stourbridge fair, I suppose. The most expensive article in cloth work which he possessed was a coverlet of Arras, valued at five marks.

The unusual number of personal effects named in this inventory make it more interesting than many others; e.g. two silk night caps, a purse cloth of gold, several pairs of spectacles, a great spectacle glass with a case 8d., two burning glasses, and a watch of latten gilded, valued at 40s. Dr Lorkyn was rather great on armoury. A ring with his arms is valued at 50s. This was something more than an ordinary gold ring, for another item is, six rings of gold valued at 70s. He also had two seals of bone with his arms, a table of his arms in glass, and a considerable amount of literature on the subject. The next item carries an interesting suggestion with it, "A red staff topped with silver, 2s." This may have been Dr Hatcher's professional stick, corresponding to the gold headed cane of the next century, that is to say, a staff with a hollow silver top containing a sponge saturated with aromatic vinegar, which the doctor held to his nose when he went into a bedroom where sick people were lying with the window shut. But it may have been only a silver topped Malacca cane.

Even toilet articles are not passed over. Such as combs,

comb brushes, ear and tooth picks of silver and bone. Dr Lorkyn had a fair amount of silver, but nothing to compare with his father-in-law. I am sorry to say that his best piece, a gilt cup valued at £5, was in pawn. An article of furniture frequently occurs in these inventories which has disappeared from our rooms, and that is a standish. Lorkyn had two, one with gold weights, and another with a cast of counters, coral beads and dice. Two odd items are, a quadrant of brass 2s. 6d., a skeane with girdle knife and bodkin 3s. 4d.

Besides his rooms in Trinity Hall, where he must have slept sometimes, as he had a warming-pan there, he had rooms furnished for living and sleeping at Chesterton Lordship. His occupations at the latter house were fishing and gardening, as may be gathered from two items, an angle rod, and certain pots for a hot house, with planks and shelves, &c. The books which he kept there were not very light. Erasmus, Tully, Virgil, Terence, and Castalio's Dialogues. Several books which were in his college chambers would be more in place here, such as Tusser's *Five hundred points of good husbandry*, a book on Surveying, Turberville's *Book of Hawking*, and *The Art of Riding*, by John Astley.

Dr Lorkyn's library is a great contrast to that of John Thomas, the surgeon of 1545. In the fifty years which had elapsed since his death, large additions had been made to the literature of this country, so that Lorkyn's library is much more English in character than any of his predecessors.

In general literature he had Ascham's *Schoolmaster*, Bale's *Votaries*, Eliot's *Governor*, More's *Utopia*, Skelton's *Poems*, Stubbs' *Anatomy of Abuses*, and Thevet's *New found world*. The first edition of Camden's *Britannia*, published five years before, is valued at half-a-crown. There are many law books, Sir Robert Broke's *Abridgment*, Fitzherbert's *Justice of the Peace*, *The manner of Holding Court Leets and Court Baron* etc. The fashionable science of Heraldry is represented by Gerard Legh's *Accidence of Armory*, and Ferne's *Blazon of Gentry*¹.

¹ A list of some English books in his library will be found in the Appendix, No. IV.

William Butler, 1536–1618.

Perhaps the most renowned medical practitioner of Cambridge was William Butler, who died in 1618. There is a long account of him in Cooper's *Annals*, Vol. III. pp. 119–24. He started practice late in life, as it was not until he was 37 years of age that the University granted him a licence to practise physic, and he never took the degree of Doctor of Medicine¹. In his will, made when he was over 80, he describes himself as a student of philosophy and medicine. He acquired the most extraordinary reputation in his profession, his eccentricities being almost as wonderful as his knowledge. He was frequently consulted by King James I, who, when he met with a hunting accident at Newmarket, in November, 1614, at once sent for Butler, who was then nearly 80. Even in these days of luxurious motor cars, a royal patient at Newmarket would be rather a burden to an octogenarian Cambridge doctor. For such journeys as these Dr Butler had a coach bed of his own, with large black cushions. When the King was at Cambridge in the following May, he was closeted with the doctor for nearly an hour. This may have been because he enjoyed his humour, or because he was admiring and coveting the doctor's collection of curiosities. And perhaps this visit had something to do with the disposal of the greater part of that collection. This brings me to mention one of this doctor's leading characteristics. Unlike so many of his professional brethren, he cared little for money. According to Fuller he was better pleased with presents than money, loved what was pretty rather than what was costly, and preferred rarities to riches. The inventory of his goods when he died bears out this statement.

Butler had been a fellow of Clare College, and when he died he was a considerable benefactor to that society. He gave them all his folio books, worth £127 according to the public valuers, and two pots, one called Serpentine, and another made of crystal, pearl and silver. The latter is still in the possession of the College. He also directed his executor to spend £260 in buying a gold communion cup for the College.

¹ See Dr Venn's Introduction to Grace Book Δ, p. xiv.

He was not married, but lived with an apothecary named John Crane, to whom he left most of his estate. Crane exhibited an inventory of the deceased's goods in April, 1618. This is a strange list, and seems to describe a house with some of the rooms furnished, and those only partially. The contents of different rooms are not given. He had only two bedsteads and two pairs of blankets, one for himself and one for his old servant Nell, who used to fetch him home from a tavern at bedtime. The number of stools is remarkable. There were twelve red leather stools, ten of black leather, nine joined stools, three embroidered carsey stools, five tuff-taffety stools, besides a dozen chairs of leather, velvet or taffety. He also had fourteen cushions of various kinds, so he was no ascetic in the way of comfort. Only one square table is mentioned, but their place is supplied to some extent by the following items. Fifteen small cupboards, two Danish chests, two cabinets, divers desks, thirteen trunks great and small, eight presses great and small, &c., &c. Now, what were in these presses, trunks and cupboards? Some of them contained his linen, his clothes, valued at £10, and his silver, valued at £9. The others contained his curiosities. The common articles of Dr Butler's everyday life we should value almost as treasures now, so how should we regard his rarities? I can tell you what some of them were.

Fifty-two pictures of limned work, and divers sentences written on tables, valued at £5. 10s.

Three prospective pictures and another, 30s.

Five wax tables, one great crucifix, one small crucifix, a picture of our Lady, 10s.

Eight alabaster pictures, great and small, £5.

The next lot, of which the contents are baldly enumerated by the appraisers, would turn out a golden harvest for the present day collector, if he could get them at the price.

A bottle of Ivory, 2 stone pictures, 2 steel pictures, 2 Ivory pictures, a silk picture, an enamelled picture, divers small pictures, a prospective glass, a snakeskin and an ostrich egg, 30s.

The biggest item in the inventory, of more than half the total value, is this:

Divers jewels and pictures, which the King had, and for two cupps, £320.

There is no mention of the King in Butler's will. Perhaps the King's visit to him at Cambridge in May, 1615, explains this item. That there was something irregular about the inventory is shown by a note at the bottom of it by the "Registrar's" clerk, to the effect that it was brought to him by the Deputy Chancellor's man, who commanded him to receive it although no names were to it.

A comparison of the values of the various portions of Butler's goods shows him true to his character as given by his contemporaries. The total value of his personalty was £637, of this, his collection of curios accounted for £354, and his books for £167, his linen for £45. This leaves only £71 for his household furniture, clothes, shop and ready money.

In sharp contrast with Dr Butler's, is the personal property of Dr Stephen Perse, the founder of the grammar school, and probably the most wealthy doctor of medicine who has lived and died in Cambridge, although he may not have practised his profession there. His personal estate was valued at over £14,000, and he had landed estates in addition. He was a fellow of Caius, and lived in College, so his household furniture is not particularly interesting. "Three sugar loafs, & for sea coal irons & for one desk £3. 12s. 6d." is a curious conjunction of items. His library, and the furniture of his study, including the Dornick hangings, are valued at £30, and the hangings alone in another room are valued at £10, but his clothes were worth £80, and his household linen £4. One would have expected that a College don who left a large amount of money to found a grammar school would have been a booky man, but the relative values of his books, clothes, and linen compare unfavourably with those of his friend Dr Butler, whose books were valued at sixteen times the amount of his clothes, instead of a quarter of the amount in Dr Perse's case.

The largest items in his inventory are:

Divers debts due to deceased, esteemed to be good debts,
£10,000.

Desperate debts due to him, £3311¹.

In the Cole manuscripts in the British Museum there are several references to Cambridge doctors of the eighteenth century. Cole was on intimate terms with the eccentric Dr Glyn, and in May, 1779, he makes the following note: "Being ill with St Anthony's fire eruption about my shoulders, and gouty humours flying about me, I sent to Dr Glyn for his advice." The medicine ordered by the doctor was a teaspoonful of cinchona bark, in a large tumbler of chamomile tea, twice a day, which was a very nauseous draught indeed. Dr Glyn also regaled his patient with various pieces of gossip and scandal, which were perhaps more welcome than the medicine. One piece of gossip concerned Dr Cook, Provost of King's, a particular aversion of Cole, and represented him as having melted down Provost Argentine's fine basin and ewer, in order to get some modern plate which would be more to the taste of his wife. Cole declares that this piece of plate was one of the most curious in the University. The handle to the ewer was a wyvern finely carved, and in the middle of the basin were the donor's arms embossed and enamelled, standing an inch high².

In the following March Cole records the fact that his apothecary Mr Price bled him for his cold³, which I should hope also served for his spring blood letting. But our antiquary was a gouty creature, and bleeding probably made him feel better.

There are many medical and other recipes scattered about his manuscripts, for there were plenty of amateur doctors then. Amongst them is a remedy for cancer, called antimonial white drop. The directions for use are "Take two drops in a small glass of water in the morning fasting for two or three days

¹ University Inventories, Bdle 10.

² Addit. MSS. 5822, p. 47, and 5814, p. 67.

³ Addit. MSS. 5855, p. 28.

together, then forbear as many days and then proceed again, until the small vial is finished. They seldom work visibly, but are said to have worked wonders in cancerous cases." In 1763 Cole sent a bottle of these drops to a poor honest woman with cancer in the lip. Later on he adds "It did no good to the poor woman¹." Evidently they did not act visibly or invisibly.

VI. MISCELLANEOUS.

Fees.

We now come to the subject of fees, a very pleasant one for the doctor, when he gets them. But unfortunately, to a person in the full enjoyment of health, a doctor's bill is not so agreeable a visitor as the doctor is himself when that person is ill. This fact was expressed in a Latin epigram by a learned physician, many centuries ago, which has been translated as follows:

Three faces the Phisitian hath, first as an angel, he,
When he is sought, next when he helps, a god he seems to be;
And last of all, when he hath made the sickly person well,
And asks his guerdon, then he seems an ugly fiend of Hell.

This version is from a recent number of the *Cornhill Magazine*. And a four line verse of English doggerel is probably familiar to you :

God and the doctor we alike adore,
But only when in danger, not before;
The danger o'er, both are alike requited,
God is forgotten and the doctor slighted.

I do not propose to lay bare my personal grievances in this matter, as there are earlier instances which would be much more interesting. And in particular I should like to take you to the village of Parson's Drove, near Wisbech, in the year 1622, where in a house on Murrow Bank lived a middle-aged woman named Elizabeth Gayles with her son and daughter. On the same bank, but a little nearer Murrow, lived a gentleman named Thomas Butler, who was practising as a surgeon. Another man of the same surname was in practice at Wisbech

¹ Addit. MSS. 5822, p. 59.

in 1640. On the twentieth of June, 1622, Mrs Gayles went before a neighbouring justice of the peace, and laid an information against Mr Butler for witchcraft and robbery. This was no light matter, when witches were burnt. The circumstances which led up to this move of Mrs Gayles were as follows. About ten years before, Butler had come to Murrow Bank to undertake the cure of a Mr Sayes who lived near by. Butler had no house there then, so he lodged with Mrs Gayles. On several other occasions when attending Mr Sayes, he lodged with her also. This represents the leisurely methods of cure adopted by the medical practitioners of that day. During one of his visits Butler undertook some kind of a cure on his landlady's son, but for what disease, he said in 1622, he could not remember. Apparently he had demanded some payment for the same, for Mrs Gayles asserted that Butler had told her that her son was grieved with a spirit, and had taken in hand to cast the spirit out of him but did not cure him. This Butler denied, and pressed for payment. So Mrs Gayles went to a neighbouring justice with her information. The information is a very wordy one, but the following is an abstract.

About twelve months before, Butler slept at her house one night in May, and in the morning told her that he had been disturbed by noises during the night, which he thought must be due to an apish spirit. And looking round the house said that he thought there was some money hidden between two doors there. Soon afterwards an acquaintance of Butler's slept at her house, and during the night got up and fetched in another man whom she thinks was Butler. They got a light and went into the parlour chamber. She tried to wake her son and daughter who were sleeping in the room with her, but could not, neither could she move out of the room. As soon as it was daylight, her son got up and went to work. Then she went into the parlour chamber, where she saw a thick grey mist about an ell high, with the leg of a man sticking out of it. Being frightened she ran back into the kitchen, and Butler's friend soon after left the house. When next the same man slept at her house, in the morning she went to his room to call him and found him sitting on the bed covered with cobwebs.

When he was putting on his cloak, she noticed that his breeches' pockets were sticking out, and on feeling them, found that they were full of money. This money she believes to be her's, for she had once hidden £40 in the thatch of that chamber and it had now disappeared. The most incredible part of the deposition is this. That all the time that Butler and his friend were coming to her house, which was from May-day to Candlemas, so often as she went into the parlour chamber, she could remember what she had heard and seen, but as soon as she was come down again her remembrance was taken away, so that she could never speak or think of these things nor of the money hidden in the thatch. As a proof of the black witchcraft going on in that room, she states that some cheese which was in the rack in the parlour chamber, putrified, but the cheese in other parts of the house remained good. Another tale was, that about the midsummer previous, she was walking on Murrow Bank, between her house and Butler's, "when she heard a great noise and felt something very heavy light upon her left shoulder, and so removed to her neck, and ear, and then removed and was as a mist before her eyes, so that she was blind, whereupon she sat her down and after a while the mist wasted and she recovered." There are several other incidents of like character, all of which she attributed to Butler's spirits.

Butler met all the accusations with a flat denial, and I should hope that the grand jury threw out the bill of indictment at the assizes. Whether Butler had robbed her or not, we cannot be sure, but we can be certain that Mrs Gayles was a liar.

It was customary for nobles and others in high station to pay their doctors a salary in early days, as has been seen in the case of Dr Lemster. But probably ordinary people paid by bill. I have not been fortunate enough to light upon any doctor's bills of the sixteenth and seventeenth centuries, but judging from the fortunes which they left behind them, some of them must have collected long bills in their time.

The earliest individual fees which I have come across are those paid to parish doctors. Medical advice to the poor by

contract was an invention of the nineteenth century only, consequently in earlier times we find interesting items in parish accounts like this:—

1683.	The overseers of the Parish of Linton, debtors to John Harvey, surgeon there, for John Jeffery's leg :	
	For setting his legge and cure, and 30 visits	10 ^s [=4 ^d a visit]
	For Plasters, oyntment, spirits, cordials and pills	10 ^s Total £1.

And then follows this memorandum: "For such a cure of any other but this, being upon the town's account, I could not afford it under 40^s, but in respect of its public charge I will have but 20^s, which I hope none contained can make any objection, which if they do I will not give them an offensive occasion, but relieve upon such satisfaction, as shall be to your general content." Such submissiveness must surely have disarmed any cheeseparers in the Linton vestry. John Harvey was, I believe, a Quaker, and was not a surgeon alone, for in 1689 he supplied the town with gunpowder, so he was grocer as well as apothecary.

But the overseers did not really stick at expense when they made up their minds to cure a man. For instance, in 1725, the overseers of Meldreth made a determined effort to cure Richard Bigrave. In August he was sent to Cambridge with a nurse for a fortnight, and at the end of the following month to a London Hospital. This cost the parish £6. Next year he was sent again to Cambridge to Dr Sams, who took 5 guineas in fees. Richard then died, fortunately perhaps for the ratepayers.

It seems to have been a common occurrence to send a pauper to live near a surgeon in town for treatment. Thus in 1694, George Mason of Meldreth was sent to Mr Harrison, a surgeon of Cambridge, with a man to look after him. The surgeon's fee was 65s., the attendant's 34s. In 1720, a man was sent from the same parish to live in a surgeon's house at Royston, to be cured of the itch.

Amongst the parish documents of Linton and Meldreth are many surgeons' and apothecaries' bills for the end of the

eighteenth century which go into minute details. Some of the items have elaborate names, such as pectoral lohock, epulotic ointment, attenuating epithem, solutive electuary, volatile liniment and digestive ointment. At Meldreth, in 1777, Dr Talwin started a man with two vomiting powders, probably tartar emetic, and afterwards gave him two pound's worth of Peruvian electuary. It was evidently a case of ague. The vomit of a person with "the ager" was supposed to have a corrosive effect, even on a brick floor. Was this due to the ejected tartar emetic? Names of diseases seldom occur in these bills. Itch, small-pox and dropsy, are all that I have noticed. Dr Talwin's charge for a day journey from Royston to Meldreth, which is under four miles, was half-a-crown. If he was called into a second house he charged 1s. 6d.; but for a night journey in winter he charged half-a-guinea. These charges did not include medicine, which was charged for as follows: mixtures 2s.; draughts 1s.; ointments and liniments 1s. to 2s.; boluses 4d. to 6d.; 5 doz. mercurial pills cost 2s. The charges for journeys to pauper patients in the Linton district now, some of them living six miles away, work out at less than a shilling each, which also includes medicine. As regards what are now called extra medical fees, Mr Eve, a Linton surgeon, received three guineas for curing a broken leg in 1777. Broken arms were mended for half-a-guinea, which was also the charge for an ordinary midwifery case. The surgeon's bill for attendance on the poor of Linton from Michaelmas, 1808 to April, 1809 was over £17, which is more than the contract fee at the present time, although much more attention is required by the surgeon. Parish doctors of a century ago evidently lived in clover!

The earliest instances of medical contracts in these records are dated 1826 and 1827. In the former year, Alfred Jenkins contracted to vaccinate the poor of Meldreth, a parish of 650 people, for £5. At least half the people would be reckoned poor, so he was vaccinating at 4d. a case. For the year 1827 the same man contracted to attend the poor for all illnesses, without extras, for £12, which is certainly a much higher rate than that at present in force¹.

¹ More details concerning medical attendance on paupers will be found in a pamphlet published by the writer in 1896, entitled *Meldreth Parish Records*.

Now with regard to the fees for medical attendance on private patients. I have looked at one series of apothecaries' bills for the eighteenth century, and these were rendered to no less a personage than James Yorke, Lord Bishop of Ely. They were rendered by members of the Muriel family, who were apothecaries at Ely for at least three generations. Robert Muriel, who sent in his bill for three guineas and a half for the quarter ending midsummer 1791, was a very neat writer. His bill contains fifty-six items, but nothing about visits; and reads rather like a chemist's bill of to-day. He supplied the groom with flowers of sulphur and liver of antimony, the ladies of the household with tincture of myrrh, and the cook with cream of tartar. The most expensive item is horseballs, eighteen of which cost 9s. Most members of the episcopal household brought grist to his mill. He bled the cook, extracted the kitchen maid's tooth, for which a shilling is charged, gave the porter a mercurial bolus, supplied a plaster for the postillion's lumbago, Mrs Yorke's footman had a repelling ointment, and the Bishop's footman a box of alterative pills; the laundry-maid had tincture of rhubarb, and the under-gardener an ounce of the best salts. Tar water, then a fashionable remedy, is charged at 1s. a bottle. Members of the Bishop's family also had medicines, but it is not fair to divulge their family secrets. The Lord Bishop did not take much of Mr Muriel's medicine in 1791, but in November, 1804, he took twelve bottles, each of four doses, and costing 4s. 6d. each. In May, 1807, he took twenty-two bottles at 5s. each, and he died early the next year¹.

Surgical Instruments.

The surgical instruments which are mentioned in the wills and inventories of early practitioners are few, for few were used by ordinary surgeons. The chief part of the education of

¹ Bishop Yorke kept all his receipted bills, and they are still in existence in the episcopal muniment room at Ely. Bills of carpenters, hairdressers, liverymen and painters; bills for his clothes, and of his expenses on his journeys from Ely to London and elsewhere, by which you may know how much he paid at toll-gates, &c., packet after packet, neatly tied up and docketed, a fine mass of material for the curious.

the barber-surgeon who intended to practise surgery, was to learn the twenty points on the body where veins could be tapped, to learn the proper vein for each disease, and the proper hour of the day when phlebotomy should be performed. For the latter a complicated table of numbers and signs of the Zodiac was used.

A case of lancets was the chief and sometimes the only equipment of the early surgeon. Marshall of Ely in 1703, had only a case of lancets. The instruments of some practitioners have already been mentioned, and I can give a few more instances.

John Soward, surgeon and scholar of Clare, in 1552, had a box with four silver instruments worth 4*s.*, a syringe with a pipe of silver, a pair of scissors "and other instruments."

John Paske, a surgeon, whose chattells were appraised on the 8th of February, 1587, "after the Inglish account," had a very peculiar lot of surgical instruments, which it took me some time to find. His house consisted of hall, shop and two chambers, with a poor lot of furniture. The shop contained a counter and several coffers, with some tapestry hangings. But there was no mention of drugs or instruments. In the yard, however, was a grindstone, which must have been required to sharpen something on. So I carefully went through the items again, but the only tools I could find, and they were in the hall, were these: three axes, two hatchets, eleven wedges, and a "wrong" hook. Mr Paske evidently had no sympathy with conservative surgery.

The Bridge Street surgeon, Richard Willows, who lived about the same time, has his instruments rather scornfully treated by the appraisers; they write

"All his instruments, 4 cupping glasses, one payer of scales and other trash—5*s.*"

I am sorry to say that the details of the doctors' shops are often treated in this manner. Instruments were altogether absent from some shops, unless included in the "trash."

The most valuable lot of instruments was that possessed by Edward Allot, a bachelor of medicine and professor of surgery, who died in 1636. His silver box of instruments was

valued at £15. But then he was a wealthy man, and had a warming-pan hanging up in his kitchen, and a box containing 3 lbs. of sugar candy in the hall.

Martin Buck, an apothecary who died later in the century, mentions several instruments. A seal-skin case with several chirurgical instruments called lancets, a seal-skin plaster box with instruments, two silver catheters and a silver syringe, and a seal-skin salvatory. The seal-skin cases were a parade of affluence, such as has not yet quite left us.

Thomas Day, another apothecary of that century, disposes in his will of the following. A silver catheter, a silver potion cup, a little silver beaker, and a "silver spoon that is made to administer physic to children." Evidently he was in the habit of seeing his own medicines properly administered, and so perhaps saving them from being poured down the sink.

John Parman, a surgeon, of Bene't College, directed his surgical instruments to be sold to help pay his debts, so he must have set some value on them, probably more than the appraisers would have done.

Medical Libraries.

The professional libraries of the olden time doctors vary according to their means, the period at which they lived, and according to whether they were physicians or surgeons. The three earliest practitioners concerning whose books there is any account, Thomas, Soward and Pickering, had three points in common. They all read Galen and the *Rule of Salerno*, and neither of them had any book in English on Medicine or Surgery. Of course the variety of works on those subjects in the vernacular was not great. Guido was translated in 1541. Borde's *Breviary of Health* was published in 1542, and John de Vigo in 1543. But the *Great Herbal* was issued in 1513, and the *Surgery of Jerome of Brunswick* in English in 1525. It may be that books in French and Latin were cheaper than English books.

The vade-mecums of the surgeons were the works of Guy de Cauliac and John de Vigo. The former was a Frenchman who

became Papal physician at Avignon, and is celebrated as having braved two visitations of the plague in that city. His surgery has been printed many times. Thomas had copies in Latin and French which had been sold for 8d. and 4d. respectively. Soward's copy was valued at 10d., and the *Anatomy* of the same author at 8d. Widdows, in 1588, had a volume in English called *Guido's Questions*, valued at 8d.¹

John de Vigo is styled "Head surgeon of our Time" in the English translation of 1543. His *Art of Surgery* was first printed in 1518. Thomas's copy had been sold for 6d., Soward and Widdows also had copies.

Soward had several works by Leonard Fuchs, the German physician, whose name is familiar to us in the *Fuchisia* plant, including copies of his chief work, *De natura stirpium*, published in 1542, valued at 10d., and his *Icones stirpium*, published in Paris three years before, valued at 4d. Galen's *De temperamentis*, probably printed at Cambridge, is valued at 1s. The popular side of medicine is represented by the poem ascribed to Macer, called *De virtutibus herbarum*.

The favourite author of John Thomas was the Italian physician George Valla. He had several of the works of Galen edited by him, as well as original works on medicine. But no copy of the Cambridge Galen is mentioned. His botany was represented by a herbal in French which had been sold for 4d.

Widdows, as is inferred from his library, was not so cultured a man as some of his contemporaries, which is perhaps the reason why he patronised native productions. Besides the *Questions* of Guido, he had a copy of Vicary's *Englishman's Treasure*, which was published in 1548. It was a treatise on anatomy, and has been republished many times. His other reference books were two antidotaries or books of medical recipes, valued at 6d. each; one of the most celebrated was published by Clusius in 1561. His *Herbal* and the usual copy of the *Rule of Salerno* seem to have been in Latin.

¹ This must have been a book published by George Baker in 1579, and entitled "Guidos Questions newly corrected, whereunto is a thirde and fourth book of Galen, with a Treatise for the helps of all the outward parts of the man's body, and also an excellent antidotary, &c. &c. &c."

Two books of "Seccreates" are valued at 12*d.* These were probably the medical compilations of Alexis of Piedmont, first published at Basle in 1536, and translated into English in 1562.

Dr Pickering's medical library (1551) was of much greater extent than any of those yet considered. His collections of the works of Galen were of more value than the libraries of Soward, Thomas and Widdows combined. Galen in Greek, 5 vols., is valued at £2. He had twelve other Galen volumes, including *De temperamentis*, greco-lat., value 8*d.* The latter must be Siberch's publication. His favourite modern author was the German physician Otto Brunfels.

The mere mention of the medical authors used by Pickering would take some time. Amongst the ancients were Hippocrates, Celsus, Rhazes, Avicenna, Paulus Aegineta and Aetius. Amongst the moderns, the anatomy of Mondino, the pharmacy of Mesué, the medical epistles of Manardus, the dispensary of Fuchs, and two works by Fernel, the French court physician, which are not in Watt. A copy of Ketham's *Fasiculus medicinæ* is valued at 1*s.* 4*d.*; the same work in Thomas's list is only 1*d.*

He had no copy of the *English Herbal* nor of Vicary's *Anatomy*, but his library was very well stocked for the age in which he lived. Evidently his estimate of his predecessors was different from that of a great physician of the next century. Sydenham, when asked what books a young physician should read, answered, "Read *Don Quixote*, it's a very good book, I often read it myself."

Dr Hatcher's medical library is on a different plane from that of any of his predecessors. It seems to have comprised all the books worth reading which had been published during or before his time. His Galen, in 5 vols., was valued at £3, Avicenna at 13*s.* 4*d.*, Dioscorides at 5*s.*; the *Rosa Anglica*, a medical treatise of the 14th century, at 20*d.* Other medical authors are Fallopius, Arnold de Nova Villa, Gratarolus, Cardan, Albucasis, Benedictus Victorius, &c. He had an English book on surgery valued at 12*d.*, and Dr Bright's *Treatise on English Medicine*. This was probably by Dr Timothy Bright, the father of English shorthand, who died in 1615¹. But this work

¹ It was published in 1580. See *Timothe Bright*, by W. J. Carlton, 1911.

is not mentioned in Watt. A black-letter book, valued at 1*d.*, published in 1540, has the fascinating and sonorous title "This is the myrrour or glasse of helth necessary and nedefull for every person to loke in, that will keep their bodye from the sicknesse of the pestilence, &c. &c."

Dr Lorkyn's books were not so numerous as those of his father-in-law, but they are more English in character. He had the inevitable Galen, in 6 vols. folio, the value of which had dropped to 8*s.* The works of Gesner, in 3 vols., being his most valuable medical work, at £3. The Anatomy of Vesalius was worth 13*s.* The works of the Arabian physicians Avicenna, Rhazes and Serapio, were in Latin. He had several works on veterinary medicine, one of them being in English. Dr William Turner's *Herbal*, published in 1568, is valued at 5*s.*, and a book called *A Hundred and Fourteen Experiments of Paracelsus*, at 2*d.* A book with a quaint title is *The difference of the olde physic taught by the godlee fathers and the new from Galen*. It was published in 1585, and is valued at 2*d.*

After the end of the sixteenth century, the inventories do not name individual books, but sometimes interesting items concerning books are found in wills. For instance, in the year 1633 a medical practitioner named John Furtho, who was a fellow of Trinity, bequeathed to his College Library twenty of his best books, whichever they should choose. If they should choose "Fryar Bacon's" manuscript, they should be allowed to have it, but only on this condition: if the true owner ever claimed it, the College was to give it up and make a copy of it before parting. This MS. may still be in Trinity College Library. The doctor wished to be buried in Trinity College Chapel in the night time, without any funeral pomp, and a day or two afterwards the master and fellows were to have a feast, "reasonable and competent exceedings," in the common hall. He used to attend St Botolph Church, where he had lying a Latin Bible, a Greek Testament, and a Tremelius Bible with gilt leaves. An unusual amount of ready money was found in his house, some of it in unexpected places. Sixty-three pounds was first found, and towards the end of the inventory is "Found afterwards more in gold £145. 16." One of his

legacies may have some connection with this, "To my godson, my grinding stones, and my Muller cushions to cut gold." Not many years before, a fellow of Trinity was condemned to be hanged for clipping coin. I don't suggest that Furtho deserved the same fate, but the coincidence of the large amount of gold and the instruments to cut that metal is curious. Taking into consideration the value which he set on "Fryar Bacon's" manuscript, I should rather think the doctor was an alchemist and had been searching for the fabled philosopher's stone. The University appraisers were not usually backward in making a valuation, but the "Fryar's" manuscript beat them. They made a special memorandum that they had not valued it. Perhaps they were afraid of it.

Pictures.

There could have been few pictures hanging on the walls of doctors' consulting rooms in early times, and very few in their houses at all. In some inventories, where articles down to a penny in value are noted, no pictures are mentioned.

Amongst the furniture of Dr Lorkyn, in 1591, three portraits are an interesting item. A picture of Dr Hatcher, another of Dr Lorkyn, each valued at 5s., and Sir Francis Drake's picture valued at a shilling. These seem low prices for painted portraits, but I do not know what else they can have been. There were men living in Cambridge at this time who called themselves limners, and were portrait painters.

About the same time in the list of the furniture of a Cambridge physician's study, made in his lifetime, there are several pictures. A picture of the passion of Christ with a gilt frame and a curtain is valued at £2; the owner's own picture is valued at 10s.; that of Queen Anne Boleyn at 5s.; and an emblem of Love at the same price. A map of England and another of Europe are priced at 2s. 10d. The valuations are the owner's own. His lute is put down at £10. A curious item of this man's furniture is a cushion of the bark of trees, which was in the window-seat¹.

¹ Bodleian Lib. Rawlinson MSS. D 213.

Amongst Dr John Furtho's furniture were thirty maps and pictures great and small, which are valued at £3. 10s.

Thomas Grimstone, a doctor of medicine, who died in 1608, had eleven pictures; their values are difficult to ascertain, as four pictures and a stillatory are valued at £3. 4s., and so on. At the same period the rich apothecary, Richard Love, had only two pictures; these were in the hall, and with curtains and curtain-rods were valued at only half-a-crown.

Dr Robert Wells in 1632 had twelve maps and two tables of Cambridge and Oxford priced at 13s. 4d., and twenty-five coats of arms and pictures at 6s. 8d. Dr Collins, the regius professor, also had three tables of Cambridge and Oxford, which with three pictures and a tapestry carpet are valued at £2. 8s. I should be glad if any one would tell me what these tables of Cambridge and Oxford were.

Dr Nichols, in 1646, had two pictures in his parlour next the street which were worth 12s., and in his hall were six small pictures, valued with table, stools and chairs at £3. 2s. 6d.

The only country surgeon who had any pictures was Thomas Marshall, of March. He had some in his kitchen and no where else.

Modes of conveyance.

The doctor of the olden time had only two ways of getting about, either by walking or riding horseback. There may have been carriage roads in some parts of the country, but patients do not always live on high roads, and much time may be saved by riding across country. In fact, in the old days a doctor could only get round by travelling as the crow flies. In the north country we read of doctors who took a week to get round their patients, sleeping each night wherever darkness caught them. But it could never have been so bad in this county.

The horses owned by the Cambridge doctors of the sixteenth and seventeenth centuries were not costly ones. Dr Marshall, of Ely, had three mares valued at £9. Dr Crofts, of the same place, had one worth £6. Another doctor of Ely who lived thirty years later had a chaise. The by-roads were then getting more passable perhaps. His mare and filly were valued at £7,

his chaise and harness at £22, his riding harness at 15s. Of the Cambridge town doctors, Pickering in 1552 had a little nag valued at £2, and Paske, the radical surgeon, a nag and a colt worth the same. Dr Hatcher had two horses, a brown and a bay, valued at £6. 10s.; two saddles and a side-saddle, but no carriage. In the next century Dr Francis had a riding horse and two colts valued at £10. Dr Brydon, in 1580, had in his stable two milch kine instead of horses, but he had a pillion amongst his household goods, so at one time perhaps he used to take his wife with him on his rounds seated on the pillion behind him. Several surgeons had riding harness and clothes, but no horse. They all probably got more out of their horses than we do, but they were not always in such a hurry to get there. The eccentric Dr Butler used a coach bed for travelling in his old age, but was a great rider in his youth, frequently riding from Cambridge to London. One of the many tales told about him refers to one of his journeys on horseback. "A gent lying a dying sent his servant with a horse for the doctor, the horse being exceeding dry, ducks down his head strongly into the water, and plucks down the doctor over his head, who was plunged in the water over head and ears. The doctor was maddened and would return home. The servant swore that he should not, drew his sword, and gave him ever and anon, when he would return, a little prick and so drove him before him to his master." A sorry plight for the doctor, and also for the patient!

The little nag of Dr Pickering, in due course became the smart carriage and pair of the last century and the powerful motor-car of this. But the country doctor still has his miry roads, his lanes which run along the beds of water-courses, and still has to wander on pitch dark nights across marshes and swollen streams.

An entry in the parish register of Stanground records the tragedy of one of this unfortunate class.

"A.D. 1668. Feb. 3. Thomas Jones, doctor of Physic, being accidentally drowned in his journey homeward from a certain poor patient on a dark night without a companion, was taken up hard by the town and here buried."

Poor Dr Jones, tired with being in a stuffy cottage bedroom for some hours, was hurrying home to his anxious wife when he slipped into the dark water of the Ouse, swirling with lumps of ice and snow, a horrible death.

Church spoil.

There are a few items in the inventories which suggest the spoil of churches. Thus John Thomas, in 1545, had a pillow-case worked with an image of silk and an old coverlet with flowers. John Soward, in 1552, had a tapestry bed covering worked with images, valued at 7*s.* Pratt and Pickering had various painted hangings. Richard Love, in 1603, had a coverlet of tapestry, a valuable piece of work, since ten pair of flaxen sheets are estimated at the same value. Dr Butler had many valuable articles which seem ecclesiastical; but Dr Hatcher, who lived in the house from which the Austin Friars had been ejected, had undoubted ecclesiastic spoils. Leaving out the painted hangings with which many of his smaller rooms were hung, in a chest in his ghostly great chamber were the following:

A cope of tissue upon green velvet, with a cape and border of Images of needlework	35 <i>s</i>
An auter cloth of purple velvet with branches 3 <i>½</i> yds.	25 <i>s</i>
A piece of redd velvet, embroidered with angels	20 <i>s</i>
A cope of needle work and a border which was a cope	5 <i>s</i>
Two grene pieces and 13 pieces of white branched silk	10 <i>s</i>
Certeyn old pieces of copyss, with 3 of red velvet embroi- dered	5 <i>s</i>

Thus the estimated value of the contents of this chest was £5.

VII. ON SEEKING FURTHER ADVICE IN THE
FIFTEENTH CENTURY.

It is not uncommon in the present day to find, that when the family doctor does not cure a sick person as quickly as he is expected to do, another doctor is consulted, and the sick person or his friends veil their dissatisfaction with the

euphonious expression of seeking further advice. But this custom is not of entirely modern growth. And an interesting Cambridgeshire instance occurs amongst the Chancery Proceedings of the reign of Henry VII¹. In the year 1489 John Dobson, a bachelor of divinity, of Trinity College, was appointed to the vicarage of Melbourn. Shortly afterwards he had an attack of hemiplegia, or paralysis of one side of his body. Such attacks are uncommon under the age of 40, but we may conclude that he was as old as that, by his having taken the degree of bachelor of divinity thirteen years before. Dobson's description of the attack is, that by the visitation of God he was taken and suddenly benumbed with a great palsy, on his left side, that is to say from the highest point of his arm to the lowest part of his foot on the same side. He says nothing about losing the power of speech, as he would have done had his right side been paralysed. But although he could say mass, he could not perform an important part of his office, the elevation of the Host. So his means of living was gone unless he could get cured. No doubt he consulted the bonesetter, the leech and the wise woman of the village, and also had the best advice which Cambridge could afford. They all, or as many as he would submit to, bled him and drenched him with purgatives, until he would no longer bleed, and then they prescribed a large dose of time and patience, which alone would work his cure. It was excellent advice, but it was cold comfort for an emaciated man, with an active spirit and a large bedsore on his back, and we can imagine that Mr Dobson said to himself, "I have money in my purse, and if help can be had, I will have it. By our Lady, I will hie me to London town, to the specialist."

Melbourn is on one of the main roads from Cambridge to London, and about forty-four miles from the latter place. The road between them was passable for carriages. A century earlier, there is a record of a pipe of wine being carted from London to Swaffham Bulbeck, and breaking down in the village of Melbourn. And where a pipe of wine could travel, a horse-litter would be able to get along too.

¹ Early Chancery Proceedings, Bdle 131, No. 8.

Mr Dobson relates how in the month of July "for due cure and perfect remedy of his infirmity, he came in a horse-litter from the towne of Melbourn to the city of London." There he fell into the hands of the specialist, and his real troubles began. The name of the surgeon whom he consulted was John Brown, who was a warden of the Barber-Surgeons in 1494. It is quite possible that he was born at Melbourn, as the manor of Trayley's there was owned by the Brown family. If so, this fifteenth century specialist cannot be complimented on his treatment of a patient from his native village. Mr Dobson's consultation with the surgeon resulted in a covenant being drawn up in proper legal fashion. By this it was agreed that "John Brown should endeavour him by the grace of God to do his cure for the recovery and help of the said sickness," and that Dobson should pay him £10 for the cure. This was a large sum, as the gross yearly value of the vicarage was under £20. You will observe that the surgeon had a cure of his own, he was "to do his cure" on the vicar, so he was a true specialist. In order to safeguard himself, the vicar had included these conditions in the covenant, that half the money was to be paid when he could walk without a crutch, and could hold both arms above his head, or as he puts it, when he "might go with or without a staff, and wield his arms up to his head so that he might say mass and do such things as longeth to his office"; and that the other half was to be paid thirteen weeks after he was made completely whole. This arrangement seems all right; it was as far as the patient was concerned, but what about the poor specialist? It allowed him nothing for his trouble in case he did not effect a cure. But the surgeon was a wily man, a man of experience, this was not his first case, and he had had failures, perhaps. So he persuaded the vicar to be bound in an obligation of £20 to compel him to fulfil his part of the bargain when cured. The simple country priest, this fifteenth century vicar of Wakefield, having no desire to cheat the surgeon, made no objection to signing the obligation, but he surely did not understand its full import. For it rendered him liable to be sued for £20 in about six months' time.

The cure went on during the summer and autumn and well

into the winter, but without much improvement in the patient. At length the obligation or bond became due. Then the surgeon unmasked his guns. "Master Dobson, you must pay me something for my trouble," said he to the vicar. "But," answered the vicar, and these are his very words, "I am in like case as I was when first you took me in cure and no better," and he would not pay the surgeon, who then left off attending.

The poor vicar, "trusting of remedy of his sickness," had now been more than six months in the city at great expense to himself, but worse was to come. By means of the obligation Brown was now able to commence an action for debt against the vicar in the Sheriff's Court. The vicar put in surety and was prepared to answer, but that was not Brown's object. The object of the astute surgeon is thus quaintly explained in the vicar's words. "Brown now proceedeth no further in the action, but lets it depend in the court, to thentente that Dobson should lie styll in London to his grete costs and charges unto such tyme as by that means he shulde be fain to pay Brown £5, that he demandeth for his labour." The poor paralysed vicar, in London lodgings all that winter, sends his piteous bill of complaint to the Chancellor, asking in the reverence of God and in the name of charity that this suit of debt may be tried in the King's Court and settled, so that he may be allowed to return to his country vicarage.

The Chancery Proceedings from which I extract the above tell us no more about this case, nor the exact dates of the above events. The next appointment of a vicar to Melbourn occurs in 1503. It is possible that Dobson lived until then, but it is unlikely that he recovered the use of his arm, although he might have been able to walk. The fame of London specialists must have been dim in that village for many years to come.

APPENDIX.

Some materials had been collected concerning the numbers and distribution of medical practitioners in the county at various periods, but they are too fragmentary to be worth tabulation. In 1847 there were more country doctors than there are at the present time, but the incompleteness of details at present to hand render further generalisations untrustworthy.

I.

HENRY HAYES WISBECH CHYRURGION, 9 OCT. 1702.
INVENTORY OF HIS GOODS.

His purse and apparel	
Four ounces of Cardamom seed, 12 ^{oz} Coriander seed, 12 ^{oz} of Gum Elemi, 1 ^{lb} of Lapis Hibernicus [sulphurous Irish slate; used for bruises], 12 ^{oz} of Lapis calaminaris, 1 ^{oz} of Camphor, 7 ^{oz} Cortex Winteri, 11 ^{oz} Aloes Succ', 1 ^{lb} 13 ^{oz} Aloes Barb', 1 ^{lb} 10 ^{oz} of Cerus' [white lead]	2 ^{lb} 10 ^s
12 ^{oz} flo: sulphur, one pound more of flo' sulphur, 1 ^{lb} 15 ^{oz} Boule Arm' [Armenian Bole: a red earth, probably inert, but still in use], 9 ^{oz} of Senna, 1 ^{lb} of Manna, 8 ^{oz} of powder of liquorish, 8 ^{oz} of Jerion [? Geryon, quicksilver], 2 ^{lb} of Frankinsence, 8 ^{oz} of Olibanum gum, 2 ^{lb} 8 ^{oz} red lead, 10 ^{oz} comeing seed [cumin], 5 ^{oz} of Roman Viteral [sulphate of copper], 6 ^{oz} of White Viteral [sulphate of zinc], 5 ^{oz} of Cantherides, 10 ^{oz} of Salt Peter, one ounce of Castor Anglie, 12 ^{oz} of Crud Antimony	8 ^s 1 ^d
Three ounces of Murr, 4 ^{oz} of Cubebs, 1 ^{lb} 4 ^{oz} of gold Litharge [yellow oxide of lead], 8 ^{oz} of Cream of Taatar, 3 ^{lb} of Lignum vitae [guaiacum], 14 ^{oz} of Cortex Quassiae, 1 ^{lb} 15 ^{oz} of Hartshorne shave & one pound of harts-horne burnt [the substance which remains in the retort after the spirit has been distilled from harts-horn shavings]	10 ^s 3 ^½
Two ounces of Jollip, 8 ^{oz} of Collicinth, 8 ^{oz} of prepared steel [equal parts of fine steel filings and brown sugar candy rubbed to powder in a mortar, <i>Hoc opus hic</i>	5 ^s 2 ^d

<i>labor est /], 1^{oz} Murcurius dulcis [calomel], 1^{oz} Murcurius sublimatus, 1^{oz} of Scaimony, 2^{oz} Spermaceti, 1^{oz} Res Jollip, 2^{oz} Precip: Rub, 2^{oz} of Crabbs eyes [a stony concretion in the crab's head. Accounted absorbent and discussive and good against the stone], 1^{oz} of Crosmettil [crocus of antimony], $\frac{1}{2}$^{oz} of Opium, 1^{lb} Fenninet seed [? Fenugrec], 2^{oz} of Elixir exproprietatis, 1^{oz} of Quicksilver</i>	8 ^s
Two ounces of the seed of Hartshorne*, one ounce of natural balsam [? Balm of Gilead], 1 ^{oz} of Spermaceti almond [a mixture of almond oil and spermaceti, used for anointing the pustules of small pox], a dram of oyle of Cynamon, 1 ^{lb} of (? Mirf) lig*, 3 ^{lb} of Oxycroceum [an expensive plaster, because of the large quantity of saffron used; and so frequently adulterated], 6 ^{lb} of parisub, [or parisul. Is this emplastrum diasulphuris?], 2 ^{lb} of Mellilot (Plaster), 6 ^{lb} of Diacodium simplex, 2 $\frac{1}{2}$ ^{lb} of Diacodium nigrum, 1 ^{lb} of Stomach plaister [made of aromatics], 1 ^{lb} 14 ^{oz} of Oyle of Turp; fower ounces of Oyle of Carui, 1 $\frac{1}{2}$ ^{lb} of Oyle of Roses, Twelve ounces of Oyle (<i>sic</i>), One ounce of Oyle of Spike, 2 ^{lb} of Ung: populium, 3 $\frac{1}{2}$ ^{lb} of Unguentum Album Camphoratum, 1 ^{lb} of Ung: Dialthee [marsh mallow ointment], $\frac{1}{2}$ ^{lb} Ung: Egpiptiacum [made of verdigris, honey and vinegar], 10 ^{oz} of Lin: Arce [the liniment of Arcaeus, called after the inventor, was made of gum elemi, turpentine, mutton suet and hogs' lard. It was used instead of Basilicon in wounds of the head], 3 ^{lb} 6 ^{oz} of Venice Turp; 4 ^{oz} Len: Elect; 1 ^{lb} 10 ^{oz} of Syr: of Cloves, 1 ^{lb} of Syr: of Marsh Mallows and 1 ^{lb} 6 ^{oz} of Syr: violat	
8 ^{oz} of Hunny of Roses, 1 $\frac{1}{2}$ ^{lb} of Syrup Buckthorne, 1 ^{lb} of Treakel water, an old case of Lancets, a little Hanger, half a dram of Musk, a scrap of Civett	11 ^s 7 ^d
Little brass morter, twenty eight pound and a half of lead, seaven pound of iron	5 ^s 3
Debts good and bad	17 ^s 9 ^d
Little set of Drawers, some old boxes and boards	10 ^s
Lumber and things unseen and forgotten	2 ^s 6 ^d
	2 ^s 6 ^d
sum total	£7 9 9 $\frac{1}{2}$

[No household furniture is given]

[Consistory Court Inventories for 1702]

* I cannot explain these.

II.

TRANSCRIPT OF THE LIST OF BOOKS FOUND BY THE UNIVERSITY APPRAISERS IN THE HOUSE OF JOHN THOMAS, SURGEON. 20 OCTOBER 1545.

In the Hall.

Imprimis Calepinus	12d
Item duo alii Calepini	3s 4d
,, Aulus Gellius	6d
,, opera politiani ij libri	16d
,, J. Brucherius(?) de luctu et sén...	12d
,, Dialectica Titilmani	4d
,, Ethica Arist: Melanct:	4d
,, Dialectica Melanctonis	2d
,, Grammatica hebraica bibliandri	6d
Itm Tullius de Oratore cum aliis	16d
Itm Galenus de elementis	12d
,, idem de Sectis	12d
,, Cesarius cum alio	8d
*,, epistole Ciceronis	2d
,, officia ejusdem	1d
*,, Ausonius	3d
,, Jacobus fasterenus(?) in phil...	1d

In the highest chamber.

*Imprimis opus G. placentini in medicinam	4d
*Itm Chirurgia Guidonis	8d
Itm a legend in Frenche	12d
*Itm Johannes de Vigo	6d
,, due orationes Ciceronis	1d
,, Francisci nigri epistole	1d
Itm Faber in libros phisicorum aristot	12d
Itm Sabellicus	6d
*Itm an herball in French	4d
,, Sobrinus de justitia	1d
,, Rodolphi epithome [? Rodolphus Agricola]	2d
,, Metaphysica Arist'	6d
Itm Acolastus latine	14d
,, Georgius Valla	8d
*,, Horatius sine commentario	6d

* The items marked thus in the above list had been sold for the price named.

*Itm Virgilius cum commentario	10d
" Dialectica Melanctonis	2d
" Annotationes Mostelani	6d
*" Fasciculus medicinae	1d
*" Astronomia Guidonis	6d
" Novum testamentum	8d
" Regimen sanitatis magmini cum regimine febrium	4d
" Grammatica greca Ecolampadii	4d
" Officia Ciceronis	4d
*" Rhetorica Tullii	6d
" alius Horatius	2d
" Instituta cum commentario	2d
Itm Agricola de inventione dialectice	4d
Itm Guido in French	4d
" legenda sanctorum cum aliis	8d
*Itm a frenche book without clasps or stryngs	12d
Itm Psalterium	2d
Itm Calepinus magnus	3s
" postilla Guillerini	4d
" lexicon greco-latinum	4s
" alius horatius sine commentario	4d
*" a missal of the small volume	4d
" Sallustius sine commentario	3d
" idem cum "	6d
*" articella super medicinam	8d
" Ethica Arist' cum commentario	2d

Sum total xxxvj^s iv^d ob. (Roman numerals are
used in the original.)

In another upper chamber is this item "xxxij books—xvij^s."

[University Inventories, Bdle 10.]

III.

LIST OF BOOKS MADE BY THE UNIVERSITY APPRAISERS IN THE HOUSE OF ROBERT PICKERING, M.D., LATE OF ST MARY'S PARISH, CAMBRIDGE, 25 AUG. 1552.

opera galeni grece in 5 volumis	2 <i>li</i>
epithome „ latine in 5 volumis in 8 ^{vo}	6 ^s 8d
Galenus de ossibus cum aliis	1 ^s 2d
Galenus Methodus medendi	8d
„ facultatibus simplicium	10d
„ de sanitate tuenda	10d

* The items marked thus in the above list had been sold for the price named.

Galeni introductio grec et lat'	8d
¹ Galenus de temperamentis greco-lat'	6d
" de facultatibus et c...	2d
" de compositione pharmac'	4d
" de differentiis febrium	2d
" de locis affectis	3d
Galeni aliquot opuscula in parvo	2d
" Isagoge	6d
Cornelius Celsus de re medica	1s
Varignanus de morbis curandis [Lugd. 1539]	6d
Brunsfelsius, Onomasticon medicine	2s
" Herbarium	3s 4d
" Iatronicis medicine in 2 vol	2s
" loci communes medicine	8d
opera Arist' grece in 2 ^{bus} Vol	10s
Ethica et politica Arist	6d
opera Aetii	3s
Mesue	5s
Celius de antiquis lectionibus	6s 8d
Opera Avicen in 2 ^{bus} vol:	2s
Parvum herbarium cum aliis	6d
Anatomia mundini	1s 4d
Fasciculus medicine	1s 4d
Celius Arianus de rebus gestis grece	1s
² Hortus gallicus capegi	6d
Compendium Fuchsii	8d
Epistole medicinales manardi	4d
Simon Setus de facultatibus cibariorum, greco-lat'	2d
Cornelius Celsus cum aliis	8d
Fuchsius de morbis medendi in 2 ^{bus} vol	1s
Rhasis	2d
Paulus Aegineta	1s
Aphorisma hipocrates greco-lat	6d
Hipocrates de predictione	6d
Fernelius de sanguinis ovaductione	4d
" de usu Pharmacorum	2d
Psalterium grece	4d
Precationes biblica	2d
Psalterium latine	1d
Enchiridion psalmorum	3d

¹ Bowes, Cat. of Camb. Books, no. 1.

² This title is a puzzle.

Novum testamentum latine	8d
Pars biblie in 3 ^{bus}	1s 8d
Opera platonis grece in 2 ^{bus} vol	10s
Plinius in magno	2s 4d
Lexicon Grecum	4s
Quedam opera Ciceronis in 2 ^{bus} magnis volumis	6s
Plautus	8d
Diodorus siculus grece	1s 8d
Pindar latine cum commentario	1s 4d
Esopi fabule grece et latine	1s 2d
Orationes Socratis grec	1s 4d
Aulus Gellius cum commentario	2s 6d
Theusidides grece	4s
Herodotus grece	4s
Herodianus grece	1s
Pars Tullii	2d
Ovidii metamorphoses cum commentario	4d
epithome plutarchi	1s
Luciani dialogi cum aliis	2s
Lucianus grece in 2 ^{bus}	2s 6d
Apothegmata plutarchi	1s 4d
Virgilius	8d
Grammatica Theodori gaze	4d
Euripedes grec in 2 ^{bus}	1s 8d
Commentaria Caesaris	1s
Tragedio Euripedes in 2 ^{bus}	1s 6d
Valerius maximus	8d
aliquot opuscula Tullii	4d
Tragedie Senece	6d
Quintilian	1s
Homeri Ilias latine	6d
Tullius de Oratore	2d
Plinii Epistole	4d
Valerius maximus	2d
Instituti Justiniani	4d
Descriptio orbis ...	4d
elegantie valle	2d
Laurentius valle de libero arbitrio cum aliis	6d
Epithome Vadiani	8d
Lucius florus et Justinus	8d
Oecolampadius in epistolam ad hebreas	10d
Hermogenes de arte rethoricis	10d
Diversa opuscula Arist. lat:	6d
Diodorus Siculus	10d

Platina quedam opuscula	8d
Quintus Curtius	10d
Suetonius de vitis Cesarum	6d
Herodianus latine cum aliis	8d
Sulpitius	1d
Martialis	6d
Sallustius	3d
Epistole Tullii	2d
Metamorphosis Ovidii	2d
Epistole , ,	3d
 Loci communes Eckii	4d
Beotius cum commentario	2d
Victorius super Ciceronem	10d
Bolingerus ad galanthas	10d
Gasparino epistolas ad (?) timoth' priorem	8d
Rivalius de jure civile	8d
eloquentie encomium cum aliis	8d
Theophilactus in evangelia	1s
Commentaria budei grece	2s 4d
Budeus de assise	1s 2d
Idem in pandectis	1s 2d
Introductiones fabri	2d
Tabule astronomice	4d
Onomasticon Julii Polucis	1s 4d
Boetius cum commentario	2d
Margarita philosophia [G. Reisch]	8d
Johannes Duns in 2bus	2s
Petrus Hebanus in problemata Arist	1s
Diogenes laertius de vitis Phorum	1s 4d
Tabule Tholomei	5s
Facetie Pogii	6d
Duo partes veteris instrumenti in 2bus	8d
Erasmi adagia in magno	5s
Collectanea adagiarum Erasmi	8d
Adagia Erasmi	2d
Opera Ringelbergi	8d
De constribendis epistolis Iodovici	10d
Trapezontius	10d
Doletus de re naval & vestiaria	1s 4d
Vulgaria Harmandui [? Hormanii, Lond. 1519]	6d
Scala perfectionis	1d
Elegantie Valle cum aliis	1s 4d
Imago mundi	1s
Luthurus in deuteronomium	1s

Agrippa de occulta philosophia	1s 4d
Luminar' majus cum aliis [Lugd. 1537]	1s
Grammatica theodori gaze cum aliis	2s
Liber cartaceus	8d
Nuge Borbonii	6d
A luting book	2d
¹ Erasmus de constribendis epistolis	10d
Enchiridion Erasmi cum aliis	6d
Compendium theologie Erasmi	4d
¹ Idem de constribendis epistolis	2d
Lingua Erasmi	4d
52 books sum bound & unbound	3s 4d
Total	£10 14 4

[University Inventories, Bdle. 7.]

IV.

LIST OF ENGLISH AND FRENCH BOOKS POSSESSED BY THOMAS LORKIN, DR OF PHYSICKE, WHO DIED MAY, 1591.

In the upper studie.

Turner herball	5 0
Camdens histerie	2 6
Pultons Abstract	3 4
Brokes abridgement	13 4
Court lete et court baron	1 4
the abridgement of the books of assises	8
Liteltons tenures English	8
novel de les ans leroy Henrie 8 Edw 6 et lat reigne	
Marie	10
the dialogues between a doctor of divinitie & a student in the laws	8
Perkins book of the lawes	10
the exposition of the termes of the lawes	8
Another Lyteltons tenures french	6
the Magna Charta	1 0
the institutions or principall grownds of the lawes	3
Fortescue his commendation of the lawes of England	8
another natura brevium	10
A book of surveying	2
Fitzherbert of justices of Peace	1 2
a book of presedents	4

¹ Bowes, Cat. Camb. Books, no. 3024.

on other of justices of peace	3
the accedens of armorie	1 0
the concords of armorie	1 4
picta poesis	10
the booke of honor and armes	8
the blazon of Gentrie	3 4
the blazon of colours	3
emblemata Rensueri	2 6
Aschams Schoolmaster	6
Tussars husbandrie	6
The book of hawking etc	6
The republic Anglorū	4
Hadriani emblemata	10
The pictures of anatomie	2 0
The psalmes in 4 parts	1 4
A treatise of English medicines	2
divers mappes pictures and tables	2 6

In the nether studie

A psalm book with a psalter	4
Caesars commentaries	6
Virgil	6
the treasurie of health	4
Stowes chronicle	1 0
Stubbs anatomie of abuses	3
The behive of the Romish church	1 0
The exposition of Daniel by Melancthon	6
Annotations on Joshua in English	3
Eliots governor	3
the testament of the 12 patriarchs	3
Erasmus on the crede in English	3
The french psalmes	4
The difference of the olde phisique taught by godlie fathers and the new from Galen	3
a hundred and 14 experiments of paracelsus	2
Reubens de destillatione	10
the art of riding	1 4
the order of cureing horses	1 4
the moral of philosophie of doin	8
newes from the new found world	4
Thevets new found world	8
Crowlies psalmes of david	6
Jones his discourse of the beginning of things	6
discourses of the Turkish emperor	2

the Payne of pleasure	2
Sylva synonymorū	1 0
Skeltons poems	2
Bales votaries	4
M. Aurelius	4
Mori utopia	3
The Mirror of health	2
A dictionarie for children	2
Books in lumber	8

The total number of books in the list is 570

[University Inventories, Bdle 4.]

Several of the books in the foregoing lists are not in Watt's *Bibliotheca Britannica*. Others are earlier editions than are mentioned by him.

Monday, 8 May, 1911.

The Rev. Dr STOKES, President, in the Chair.

A. B. COOK, M.A., read a paper, illustrated with lantern slides, on

THE BIRTH OF ATHENA AND ITS SIGNIFICANCE.

SEVENTY-FIRST ANNUAL GENERAL MEETING.

Monday, 22 May, 1911.

The Rev. Dr STOKES, President, in the Chair.

The Officers of the Society were elected for the ensuing year.

PRESIDENT.

WILLIAM BEALES REDFERN, D.L., J.P., *Inveruglas House.*

VICE-PRESIDENT.

THOMAS MCKENNY HUGHES, M.A., F.R.S., F.S.A., Clare College,
Woodwardian Professor.

ORDINARY MEMBERS OF COUNCIL.

Rev. HENRY PAINE STOKES, LL.D., Corpus Christi College.

WILLIAM RIDGEWAY, Sc.D., F. Brit. Acad., Gonville and Caius College,
Disney Professor of Archaeology.

CHARLES SAMUEL MYERS, M.D., Sc.D., Gonville and Caius College.

STEPHEN GASELEE, M.A., Magdalene College.

TREASURER.

HERBERT FLACK BIRD, 39, *Panton Street.*

SECRETARY AND EDITOR OF PUBLICATIONS.

Rev. FREDERICK GEORGE WALKER, M.A., Jesus College.

AUDITORS.

Alderman GEORGE KETT.

JAMES BENNET PEACE, M.A., Emmanuel College.

FOWLER
laid off in the "Tyddyn" & "Ran dir" of a
British "TREV": and showing
the advances of the Villageage.

... Sen's levels. O 1st advance.
⊕ 3rd advance.

Numbers = section on Award Map of 1845.

BRITISH TYDDYN thus ■■■■■
THE GREAT MOOR.

FARD'N HILL: all Open-Field's arable.

Heads.

Bottom.

To

To London
Chipping.

a arable
in
Several's.

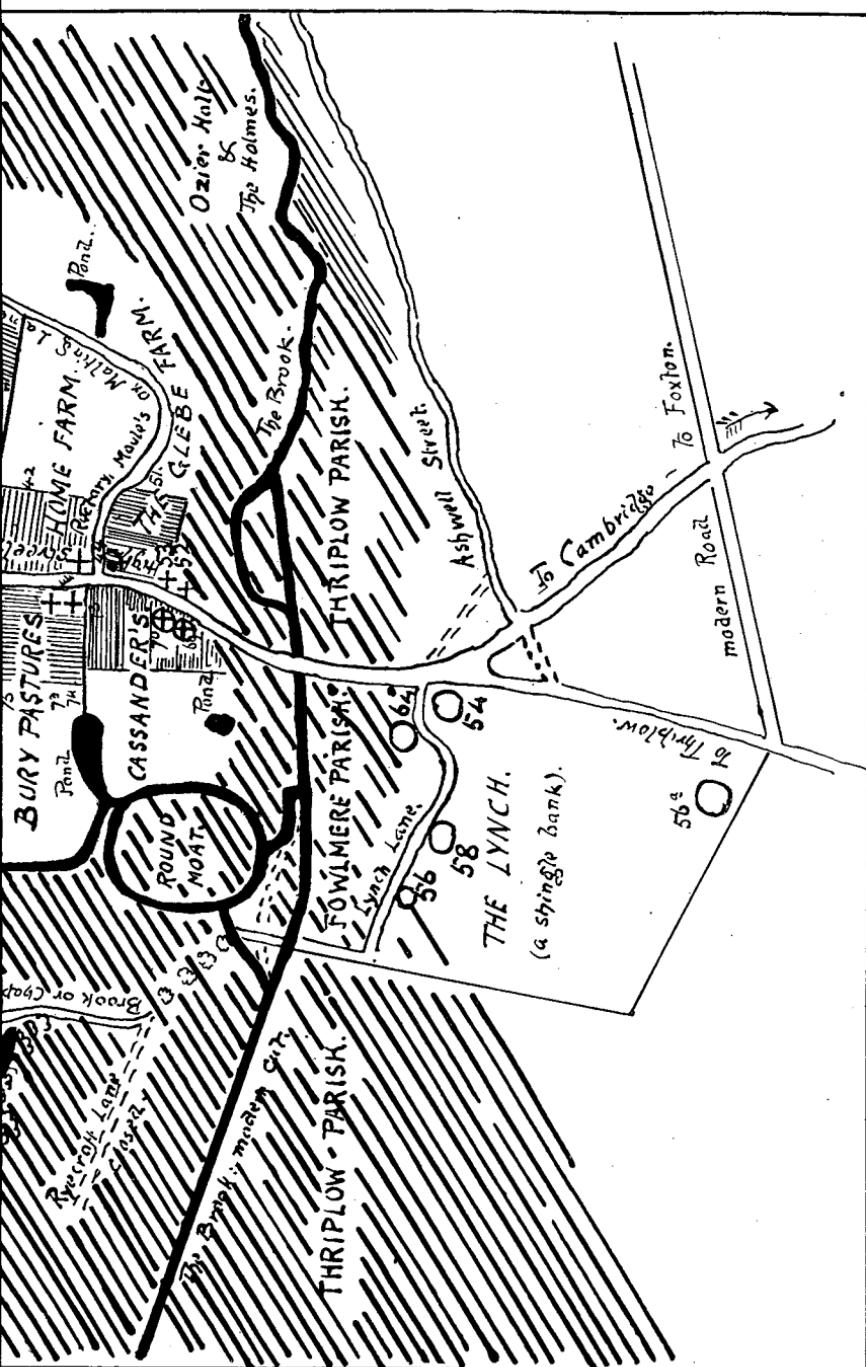
**NORTH
MOOR.**

The Butts.
formerly
arable.

LORDSHIP 117
LONDON Lane. + NAN = OR
THE TOWN 78 HEAD
PIPER'S 114
BROOK FARM 109 Spring
WHITEHALL. Bentz.

DYER'S 17
Long Lane
Lane 25 + 28
LANE FARM 35
THE G

To Ashwell Street



The Rev. A. C. YORKE then read a paper, illustrated with maps and plans, on

A VILLAGE IN THE MAKING.

"What we want to find out is whether, in the Rural districts, the British villages, with their open fields round them, were generally adopted by the Romans ; and whether, having survived the Roman occupation, the Saxons adopted them in their turn."

SEEBOHM, *The English Village Community*, Chap. xi., Sec. ii.

PART I.

PRE-SAXON FARMSTEADS.

Fowlmere, humdrum, commonplace, yields to the curious and inquisitive much that is of amusement and interest. Puzzles, problems, enigmas—call them how you will—pop out from every corner. Why it is, where it is, and as it is? Why the roads meander as they do? Which is the older, road or tenement? Why this parcelling out of little freeholds in a setting of copyholds? Why some copyholds assume the bulk of freeholds? Why this copyhold should enjoy the "ancient Right of Common Pasture," and that, t'other side of a crumbling wall, should never have had that Right? Why should the original copyholders have scattered themselves as they did? What older settlement did they displace? Has abolition, or absorption, obliterated the traces of that older settlement? How comes it that a shabby and ramshackle village styles itself "Town," "Township," and "Manor"?

Searching for answers to these questions I have come across evidence that will, I hope, interest the Society.

However often the eye turns to the Round Moat, prankt in the greenery of the Bury Pastures, we must abandon the idea that there dwelt the ancient Briton. You will remember¹ that the spade revealed nothing distinctly British, or Romano-British, when we dug the enclosure from end to end. If you look again at Caesar (*de B. G.* v. 8, 18, 21) you will see that he does not say that it is an *Oppidum*, but simply that the British idiom calls it by something that sounds like that Latin word: *Oppidum autem Britanni vocant*. And Mr Seeböhm's pregnant pages (*English Village Community*) give us, in terms of the Gwentian Code, conditions of British homesteads far other than the cramped miasma of our Round Moat.

The homesteads stand apart, just as Tacitus (*Germania*, XVI.) sketches those of the Rhine provinces. They are dotted along the edge of forest and jungle: and such forest and jungle can be seen still in our Fowlmere "Grove" and "Black Peak"; and, if you picture the brook-side still so clothed, you will see that not a few of Fowlmere farms must have stood right under the forest boughs as does the Brook Farm to-day. The farmsteads too stood away from their arable, whether in primitive flux of "co-aration of the waste," or in more settled fixity of the Open-field: just as still our Fowlmere arable straddles the Fard'n Hill from Waterden to North Moor. Further (and this, no doubt, accounts for the stand-offishness of the British homesteads), every Briton's house, with its stockyard and rickyard alongside, had lawful right to four acres of adjacent pasture for *domicilia* or home-paddock.

The Code has more to tell us. The Community must be an ordered Community. We are either a complete group, or a part of a group, of 12 homesteads, divided into 4 "Randir" of 3 "tyddyn" each. If we have this arrangement complete then Fowlmere is a "Trev"; a term rendered *Villa* by the Romans, and equivalent to "Town" or "Township" among ourselves.

We have just seen how Fowlmere farmsteads stand apart along the edge of the old jungle, and away from their arable. Curiosity urges us to enquire whether to each there was attached this 4 acre pasture, and whether it be traceable to-day.

¹ Cf. Report on Excavations in Vol. XII, *C. A. S. Communications*.

Let us begin at the **Brook Farm.** It stands just on the edge of the lift above the level of saturation; and its rickyard cuddles round the Grove. The whole steading sums up to exactly **4 a. 0 r. 0 p.**

Between it and London Lane is a group of close and farmstead; the latter now occupied by the Congregational Chapel. From one of its Closes I shall call it **Piper's Farm.** An old water-channel runs through it, which in old days must have lessened its area, now **4 a. 1 r. 24 p.**

Facing these two across Brook, or Chapel, Lane is **Whitehall**, with a little block that abutts above on the Green, containing **4 a. 1 r. 0 p.**

On the W. of this, alongside London Way, is the **Townhead** block, with **4 a. 0 r. 20 p.**

On the E. of Whitehall is **The Bury Farm**, with Closes measuring **4 a. 0 r. 18 p.** Perhaps a slice should be shaved off for wet ground near the Moat.

E. of the Bury is a group of little Closes, whose lower side certainly occupies ground that then was jungle and swamp. From one of its Closes I call it **Cassander's.** The gross area is **4 a. 3 r. 39 p.** Deducting one quarter of the two wet Closes (3 r. 20 p.) the remainder is just **4 a. 0 r. 19 p.**

Hence we cross London Way to its N. side, to the present grounds of the Rectory. Sixty years ago these were the **Glebe Farm.** Alterations and the 1845 Inclosure have altered boundaries and land-marks. We must make considerable deduction for swamp which, as we can plainly see as we stand in the Meadow, covered fully half the ground. Estimating the area of "dry" ground between the brook and the Rectory Lane at one-half the present gross area of Inclosures, we get a possible "home-paddock" of **4 a. 1 r. 19 p.**

The Acropolis of Fowlmere is built about the shoulder of a little knoll, having frontages to High Street (London Way), Long Lane, and the Rectory, Moule's, or Malting Lane. Little Closes and Pightels occupy the crest, the edge being tonsured with a fringe of small messuages and tenements. Across this space, as a suture across a skull, runs a line of fence sundering freehold from freehold. On the E. or lower side is the **Home**

Farm, from which seemingly a paring has at some time been taken for the Chequers brewhouse. Allowing for this, this block measures **4 a. Or. 17 p.**¹

The upper side of this knoll is occupied by the **Lane Farm**, as I have called it for reference. Making a corresponding allowance to that for the Home Farm, the area is **4 a. Or. 30 p.**

Across Long Lane is a narrow strip of messuages between the Lane and the Bar Field on Fard'n Hill. It is balanced about the Bar Lane, that leads out to the Hill and Field. If I have to refer to it again as a whole I shall call it the "West group." An old farm, now turned into three cottages, almost faces Long Lane at the N. end of this block. That farm I call **Dyer's**. Its homestead area measures **4 a. 1 r. 28 p.**

On the slope just above is the **Manor Farm** block. It is intersected by the little Bar Lane, which gave access to its rickyard. The N. side of Bar Lane is encroached upon by the Bakehouse, and possibly by the Queen's Head Inn, the two totalling 1 r. 28 p. Both these are copyhold, and their omission leaves us with an area of **4 a. Or. 10 p.**

So far we have 11 of these domiciliary areas. A British settlement styled "Trev" required 12. Not every settlement was a *trev*, but, having got 11, it is hardly likely that the complete number is wanting. Every inch of available ground behind us is already assigned. If there be another *tyddyn* and *domicilia* it must lie ahead of us. If it does so lie it will exactly complete the circuit, for at the lower end of the Manor Farm, where we now stand, we are immediately opposite our point of departure. So that, from the ordered sequence, if we find a twelfth site here we shall feel certified that our argument has been sound.

There is not another roof to suggest a *tyddyn*, not one snug Close left to hint at *domicilia*. But the Inclosure Award Map says that we are right. It discloses a line of hedge—now cleared away, but still in the Gaffers' memories—coming down from the Manor rickyard, and running out to that line of trees still

¹ The Chequers, long in a sub-fief, reverted to the Lordship early in Jas. I. The date on its front shows rebuilding in 1675. The Lordship Malting previously monopolised the brewing trade.

standing out from the hedge in Houndsditch Bottom. It and the curving London Lane enclosed a long, narrow strip of Close pasture, called South Close, containing just the area we want—

4 a. O r. 3 p.

We cannot doubt that this is the *domicilia* of the “**Lost**” *tyddyn*. The 12 are identified, and we can group them in the administrative *Randir*.

1st Randir.

Piper's,
Brook Farm,
Whitehall,

all on Brook Lane.

2nd Randir.

Cassander's,
Bury Farm,
Townhead,

all on S. side of London Way.

3rd Randir.

Lane Farm,
Home Farm,
Glebe Farm,

all between Long Lane and the Brook, on N. side of London Way.

4th Randir.

Dyer's,
The Lordship Farm,
The “Lost” Farm,

all on the W. side of Long Lane and London Lane.

Thus we have our 12 *tyddyn*, in 4 *Randir*, making 1 *Trev*: and we can declare Fowlmere as having been a “*Trev*,” called by the Romans for administrative purposes a *Villa*: surviving in its Closes and Yards of daily use, and in its claim to be “Township” and “Manor.”

This is the interpretation I put upon the Oggam script of hedge and fence about our village knoll.

COMPONENTS OF TYDDYN AND DOMICILIA.

Randir	Farm	No. on Award	Tenure	Name of Holding	Details	Total
1st. Brook Lane	Piper's	111 112 113 114 115 116		Purkiss's Close Piper's Close " Cottage & garden Piper's Close Meeting House	A. R. P. 1 2 10 1 2 37 2 10 32 10 1 5	A. R. P. 4 1 24
		Probably some small deduction should be made for swamp				
" "	Brook Farm	105 106 109, 110		Rickyard Spring House & orchard	3 14 2 35 2 2 0	4 0 9
" "	Whitehall	85, 86 87 88 90		House, garden, playground Caldecote's Plantation Beldam's homestead	1 3 10 1 1 22 22 3 26	4 1 0
2nd. Bury Pastures	Cassandra's	65 66 67 68 69 70 71 72 92 ^a 93		"ad pontem" House & garden House &c. Yard House & garden House & garden Garden Churchyard Church Close Cassandra's Close	16 8 16 10 28 28 10 3 3 2 0 6 1 1 34	
		Deduct $\frac{1}{4}$ of 92, 93 for swamp and jungle				
" "	Bury Farm	73 74 75 91 92		Black Horse Inn Cottage & garden Bury homestead & yard Garden & orchard Champion's Close	1 2 11 1 0 32 3 29 1 2 24	4 0 18
		The house seems originally to have been poached from "the Green," and is now re-absorbed in the "Green House" garden. Above includes house area.				

Randir	Farm	No. on Award	Tenure	Name of Holding	Details	Total	
					A. R. P.	A. R. P.	
2nd. <i>(continued)</i>	Townhead	77		House & premises			
		78		" "	2 2		
		79		" "		10	
		80		" "		13	
		81		" "		26	
		82		Tenements "	1 2		
		83		House & workshop		26	
		84		Long Close	2 3 11		
					4 0	20	
3rd. North-side	Lane Farm	24		Swan Inn & yard	1 10		
		25		Cottage	19		
		26		Tenements	17		
		27		House	10		
		28, 29		House & orchard	1 38		
		30		Close	34		
		31		Garden	3 30		
		32		Buildings	12		
		33		Garden	26		
		34		Tenements	16		
		35		Cottage & garden	19		
		36		Orchard	1 36		
		37		Close	2 0		
		38		House	18		
		39		Tenements	22		
		40		Chequers' Inn & yard	1 35		
					4 1	22	
"	Home Farm	41		Garden	1 14		
		42		Farm-yard	1 38		
		43		Home Farm Close	2 35		
		44		Small farmstead	1 22		
		45		Garden	1 28		
		46		Road-side squat-tage—omitted			
		47		Orchard	1 0 24		
		48		House & malting	1 24		
					3 3	25	
It is evident from the Plan that a bit has been cut off the Home Farm garden to make room for the Chequers' Brew-house, part of 40. Half the Chequers' yard is 32 p.							
* * Add to above					32	4 0 17	
Corresponding deduction from No. 40, leaves for Lane Farm, <i>ut supra</i> , an area of 4 a. 0 r. 30 p.							

Randir	Farm	No. on Award	Tenure	Name of Holding	Details	Total
					A. R. P.	A. R. P.
3rd. (continued)	Glebe Farm	49 ^a 51 12		Parsonage Close (allotment made in 1845) House & garden Rayner's Close	2 3 21 1 2 38 4 0 19	
					8 2 38	
					4 1 19	4 1 19
				At least $\frac{1}{2}$ this ground must have been swamp and jungle originally. The ter- race can be traced. Therefore deduct		
				Balance		
4th. West Group	Dyer's	16 17 18 19		Orchard Homestead (now cottages) Cottage & close Ward's Close	1 1 28 35 1 1 27 1 1 18	
" "	Manor Farm	20, 21 22 23 118 119		House, garden, tenement Queen's Head Inn Bakehouse, &c. Hog-yard Lordship home- stead	3 0 32 36 1 0 12 2 0 38	
" "	"Lost" tyddyn	117		South Close Pas- ture	4 1 38 36	4 1 2 32
					4 0 10	

" "	"Lost" tyddyn	117		South Close Pas- ture	4 0 3
-----	------------------	-----	--	--------------------------	-------

This Pasture lay alongside the South Close arable, but was distinct therefrom. The separating hedge has disappeared, but is recorded in Inclosure Award, and remembered by old residents.

Excavations were made in some broken ground about the "Lost" tyddyn. That which was found was little. To use Mr Walker's words, it was "sufficient to stimulate, but not enough to satisfy." Had I been hunting for relics I should heartily endorse the verdict. Undertaken as they were for confirmation of the site as that of the "Lost" homestead, that which was found was in such remarkable agreement with that, and with what is to follow, that I must briefly summarise my reading of the remains.

The area may be divided into three sections lying diagonally from N.E. to S.W.; the middle section being a narrow strip from corner to corner. The two triangular sections to right and left of this strip may be dismissed curtly. The pottery there found was broken into mere atoms, and was in heterogeneous mixture, scraps of Roman, mediaeval and modern type being jumbled together side by side.

The explanation is to hand. Across London Lane is the Congregational Chapel with its burial ground. A very old farmstead, that which I have called "Piper's," was demolished to make room for it. At that time, A.D. 1780, Mr Benjamin Wedd its promoter was tenant on long lease of the Manor Farm; the ground we are exploring being his South Close Pasture, and contiguous to his hog-yard. There can be little doubt that the ruins of Piper's were dumped on the low, wet ground of this S. Close.

The third section, that from corner to corner, was spared from the rubbish; and the "Inclosure Award" map tells us why. From London Lane two footpaths started: the one inclining back to the boundary between the Manor and the "Lost" farms; the other striking across S. Close for the Waterden. The course of the latter public path, closed in 1845, is the ground of our third section. And so ancient was that right of way that, on the further side of the adjoining arable, the hedgerow follows the footpath "on the skew." The footpath sufficiently accounts for the "moved" rubbish not being found thereon, and for a penny of 1772 and a farthing of 1752 being found on its course.

Digging into this unmolested ground we struck, at 20 inches

from the present surface, a cobble floor, from the surface of which was picked a defaced, but unmistakeably Roman, brass coin.

The pathway throws back the age of anything under its surface behind the date when the tyddyn ceased to be occupied; for no path would trespass upon premises in occupation. The coin gives approximate date of the last occupation, viz. at some period of the Roman supremacy.

The cobble floor measured from N. to S. 15 ft. 6 in.: from E. to W. 9 ft. 6 in. On the E. side was a projection of 3 ft. 6 in. by 3 ft. wide, apparently the entrance through the thick turf wall. About 10 ft. in front of this entrance we found a pit, 4 ft. 9 in. deep, entered by three rough steps, but absolutely empty of anything. The only things found by the cobble floor were (1) a bit of Niedermendig millstone, and (2) a much worn rubbing-stone. But, on the N. side of the floor, we followed for 42 ft. a narrow trench, or much worn path, to a pit, 9 ft. in diameter, 5 ft. 4 in. deep, which soon had 9 in. of water standing in it, and which therefore I call "the Well." Just at the bottom of this, but above the waterline, were some pieces of blackened pottery of Romano-British type, and the bones of a cock. The finds were scanty enough, but at least they betoken human habitation.

If a human habitation the hut must have had a roof; and, for a roof, the hut must have been circular. I am reminded that the floor shows no circle, and therefore was possibly not a human habitation. But we find this floor not in a pit, as is often the case. It is on the solid marl surface; and indications, but no more than indications, were there of a drip-trench suggesting a circular roof. A circular cobble floor would be unnecessary for British custom. A part of the hut circle would be taken up with the dais for seat and bed, made of turf stacked against the side. If I am right about the drip-trench, such a dais readily accounts for the curtailment of the cobbles.

If it were human habitation, why are there no clearer signs? Why this absence of pottery and utensils? Two reasons may be given, combining in a third. Either the place was deliberately abandoned, everything worth taking being taken away; or, whenever the pits were filled in, the workman

appropriated all that was left; or both these may have co-operated to "lick the platter clean."

We have seen how the path and the coin indicate an early date for the disappearance of the "Lost" tyddyn. From time immemorial it has been merged in the Manor Farm. All the indications, positive and negative, on the ground agree with this fact of a "Lost" farm at the hither end of my paper. What bearing they may have on the latter end we shall presently see.

It may, however, be as well to remind the reader that, even if my reading of the cobblestones be wrong, my argument about the 12 homesteads and the Trev is not overthrown. It is that which sustains this about the hut: not the hut that supports the other. If my hut and mill-stones, pit, well, coin, path, do not give us the site of the homestead, we have the *domicilia* for sure, and the tyddyn alone is lost, and yet recoverable from the grass of that South Close Pasture.

PART II.

FROM CELT TO SAXON.

Over the Celtic settlement that we have found in Fowlmere, as a Rune over an Oggam script, comes the tale of another settlement whose signs we must decipher. Our Oggam tells us of the Free Man in the Free Hold. Our Rune, of which we hold one end to-day, talks of Free Men and Free Holds over-lording Customary Men in the semi-servile tenure of Customary Holdings.

We want to know what really happened to those Pre-Saxon farms: whether the change was by a system new *ab initio*, or by some process of assimilation. The one would imply conquest, and a race of new comers with new customs: the other an intrusion of a people with much in common between them and the older people alongside whom they settled, and whom, and whose possessions, they absorbed.

In following out this enquiry I shall embody the conclusions

of a paper which I read in 1906, but which I withheld from publication because of its incompleteness. Amended and verified this paper will start us from the halfway house of the Domesday Record upon "The Footsteps of the Villein and Bordar in Fowlmere."

The Numbers of the holdings are those of the Inclosure Award Map, and the areas from its Schedule.

D. B. and I. C. C. tell us that in our village were domiciled in A.D. 1086 the households of 22 Villeins, 10 Bordars or Cottiers, and 4 Serfs. If we can find where these were housed we shall be well on our way towards the discovery of the method by which their advance was made.

The Serfs are soon disposed of. Unable to pay rent, and completely at the disposal of their lord, their hovels must have been on the freehold of the domain. One such miserable tenement, gardenless and yardless, stood till recent years at the corner of High Street and Rectory Lane, on ground once domain later of the Glebe Farm. Three others, freehold on the edge of copyhold, stood fronting High Street where now is the garden-wall of the Green House. All are gone, yet are still in memory of old villagers. We can, with easy mind, assign them to the Serfs.

Take the other end of the social scale—the Villeins. D. B. tells that there were *in dominio v hidae*. Evidence is to hand that each "hide" had its own farmstead. Therefore if each farm had one Villein as its "bailiff," we have accounted for five Villeins at the Lordship, Bury, Home, Glebe, and "Lane" farmsteads respectively.

A sixth, perhaps the Tungerefa, or my lord's Seneschal, would be at Townhead, a freehold residence held, without arable concomitant, "at the Annual Rent of Two Shillings and Six Pence."

All those freeholds had the Right of Common Pasture. This gives us a clue for the identification of the other 16 Villeins and 10 Bordars. Messuages held of Customary Service yet enjoying this same Right are likely to be of better class and more ancient assignment than such as do not have that privilege.

Customary messuages with the Right of Common Pasture, for which compensation was given at Inclosure, I find situated as follows :—

LONG LANE, 17, 18, 22, 25, 28.

HIGH STREET, 24, 40, 44, 52, 53, 69, 70, 73, 74, 90.

LONDON WAY, 79, 81, 82.

BROOK LANE, 85, 109, 114.

THE LYNCH, 54, 56, 56a, 58, 64.

The above numbers refer, not to premises, but to the section on which stands the dwelling house.

Here we have 26 messuages, the exact number required by the 10 Bordars and 16 Villeins still on our list.

It is not impossible to apportion these between the 16 and the 10. The Quit-rents are for the most part known. In one or two instances the Quit-rent is above the actual value of the immediate neighbourhood. Circumstances, such as use for a public-house, have added to the amount. We can write such down to the surrounding value. In cases where I have done this, or have had no value stated for the premises, I mark the guess by a note of interrogation (?).

VILLEIN TENANTS. 16 in number.

RENT 18s.....109. The land seems to have lain in Severals.

6s. 10d.....24. The Swan Inn.

6s. 8d.40. The Chequers' Inn.

5s.....18, 22, 28, 44, 52 (?), 53.

4s. 6d.69, 81, 82 (?).

2s. 9d.56, 58.

2s. 7d.85.

2s. 4d.64.

BORDAR TENANTS. 10 in number.

2s.....54, 56a (?).

1s. 6d.79, 90 (?).

1s. 2d.17.

1s.....73 (Black Horse Inn), 74, 114 (?).

9d.25.

8d.70.

No other messuages than these carried the Right of Common. On the principle of first come first served it is conceivable that these are the original Customary messuages, and that those who were without the Right are later comers, and, from the evidence, post-Domesday.

These, then, somehow and at sometime crept in, and dented their mark upon the Celtic freeholds. They came, as we say, to stay; for they are with us to-day, 830 years after the Great Survey.

To understand something of their arrival I grade them in three steps of advance.

1st GRADE. Those that are outside that which is the natural boundary of the Parish, and, with the exception of this group, is so used. THE LYNCH, of 15 a. 0 r. 17 p., measuring 28 chains along the brook by 58 chains along the Thriplow Road, is the spot where that step is planted. On it we have found five such messuages. None of these intruded on any Celtic farmstead. They were in "Thriplow Field." But the fact that this Lynch looks to the Fowlmere Lordship, and is customary of the Manor of Fowlmere, bears out the argument for these 5 homesteads being there settled by the primary sufferance of the then Maer, "lord," or *Villicus*, as shown below.

2nd GRADE. Those that have chipped a fragment off the Celtic freehold, and therewith been content. Of such we have on the HIGH STREET 8, all of our former list but numbers 69 and 70. In LONG LANE 4, only No. 17 being excepted. On LONDON WAY all three as given. On BROOK LANE 1, Purkiss's having intruded into Piper's.

3rd GRADE. Those that have obtained entire possession of tyddyn and *domicilia*. On HIGH STREET 2, viz. 69, 70 together absorbing Cassander's farm. On LONG LANE 1, viz. 17, Dyer's. On BROOK LANE 2, viz. 109 and 85, the latter being absorbed by two (of which 90 is one).

Of the 12 tyddyn, then, Cassander's, Dyer's, Whitehall, and the Brook Farm were swamped under the new system of semi-servile tenure; the other eight, but for bites taken from the edge, still remained freehold, viz. the "Lost," the Manor, Town-head, the Bury, the Home, the Glebe, the Lane, Piper's.

Domesday Book gives us a glimpse of a change that was being worked out under the new system; a change that completely altered the allotment of the arable.

By law every tyddyn had its 100 acres of corn-land in the Open-Field. The 12 tyddyn had, therefore, 1200 acres of arable. D. B. tells us of the arable that *Fuglemaere pro x hidis se defendit*, and, of these, *v hidae in dominio*; the implication being that the other five were in Villeinage. The Cambridgeshire hide was always 120 acres. It certainly was so in Fowlmere where the Virgate, the $\frac{1}{4}$ part of a hide, *continet xxx acras*¹. The 10 hides, then, preserve the total acreage, 1200, but redistribute it—600 acres to domain, and 600 to Villeinage: i.e. the corn-land of six tyddyn fall on one side, and of six on the other; and in the domain those six tyddyn and appurtenances were adjusted as five farms of 120 acres each.

Looking at the list just given we see exactly what was done to the eight which had kept their chins above the flood of Villein occupation. The "Lost," the Manor, the Bury, the Home, the Glebe, the Lane farms are the six tyddyn that fell to the lordship; and the extinction of the "Lost" gives the five *in dominio* which are with us unto this day.

Villeinage already had four tyddyn, and presumably their corn-land. To Villeinage is now given the arable of Piper's and of Townhead: all of the 600 acres thus allotted being held in semi-servile tenure by the 22 Villeins and 10 Bordars. Their home-paddocks remained freehold of the lordship till the sale of the estate in 1867.

The grades of encroachment and the hidage bear plain evidence to the existence of some power that was able to check, direct, patronise the advance of the new system, and to adapt it and redistribute the arable in accordance with its peculiarities. The new, semi-servile system was firmly established before 1086; indeed before 1066, as nothing was then changed but the person of the lord. The older Celtic system of freeholds could not have endured much beyond 410 when the Romans

¹ Hundred Roll, 1279.

began to pack up. The power, then, must have been exercised either by Briton, by Roman, or by Saxon.

The Briton, crushed and enervated, was impotent. The Saxon, even if there were strength sufficient in East Anglia or Mercia, in Cnut or Offa, was hardly likely to rivet on himself shackles which were a degradation of his own "heuerling" freedom (cf. *Appendix*). Rome alone had the power and the experience. She was doing the like within her *limes* on the S. German frontier. Diocletian (284—305) introduced a system of jugation, having much in common with what we know as hidage. Between 320 and 390 a system of *sordida munera* was effected very like the Villeinage of English Saxondom. About 285 was appointed the *Comes* of the Saxon Shore to regulate the entry of the Saxon hordes, Carausius being its first titular¹. It is more than probable that the continental *sordida munera*, being but the tyrannical adjustment of Teuton customs, would follow the Saxon invasion.

Generally speaking in rural districts, where the British chief had a *Maer* to administer the taxes of a dozen Trev, such as Fowlmere, the Roman appointed a *Maior Villae* or *Villicus* to administer each *Villa* or Trev. The Roman coin on our cobbles declares that for Fowlmere the "Lost" farm was abolished during the Roman dominion, and at the time when the British centuriation was being altered to the Roman jugation. The change for this *Villa* must have been made before 410, but not earlier than 284.

As I spell out the Oggams and Runes of fence and farm the tale is, briefly, this. Up the Wash and the Ouse to Cambridge, at the head of navigation and almost on tidewater, came the rising Aegir of Saxon immigration. Its wavelet along the Cambridge-London Way was checked upon the Lynch while the *Villicus* consulted head-quarters. The rising tide was next directed into little pockets eaten out of the British freeholds. Saxon farming, being shown to yield better fiscal returns than that of the incapable Celt, was later conducted into the tyddyn and *domicilia* of the Briton; ultimately put in charge of the

¹ Mr Seeböhm's pages summarise the literature on the subject, and to them I am indebted.

freehold farms that, under the new jugation, were administered under the eye of the *Villicus* himself.

Thus, when the last Roman had left—the *Villicus* from Fowlmere, the legionary from Melbourn camp—there is no need to move a single man. Each Villein was in his place. Past Fowlmere, thus quietly settled, swept the fresh flood of rising Englishry: and undisturbed, but for the Inclosure of 1845, the Customary tenure is known to-day, and the Pightels and Closes keep their ancient bounds.

If critics, better read than I, do not allow that I have satisfied the want voiced in Mr Seebohm's words prefixed to this paper, I hope they will admit that I have added some reliable facts to our Cambridgeshire story; have shown how the insistent questions with which we started find their answer; and have demonstrated that our homely and familiar surroundings hold

Secrets that, to those who seek,
Are precious in the finding.

APPENDIX.

An Extract from *Britain's next Campaign*, by Julie Sutter.
Pub. R. Brimley Johnson. 1903.

The following extract is so apt to our subject that it demands a place in these pages.

Note that Bielefeld is in Westphalia, in the N. of Germany, far beyond the Roman *limes*. It is in the parts whence flowed the tide of "Saxon" immigration upon the *litus Saxonicum*. The customs on this "peasant" property are of manorial type. *Heuerling* is exactly our English rustic "hoireling." The *Meier* is of course a blood-relative of the *Villicus maior* (see Spelman), and seems to claim kin with the Celtic *Maer*. As one reads it is impossible not to speculate whether "Aluric

Camp" of D. B. was not a "champion" farmer, rather than a "champion" of the host.

"In the neighbourhood of Bielefeld...one day last autumn I came upon a peasant holding, an almost patriarchal farm, which has descended from father to son for upwards of 1000 years. That peasant's name, and family, and ownership of that particular farm, can be traced in the archives of Bielefeld to the days of Wittekind. And even as this old Saxon hero, the compeer of Charlemagne, was followed to the grave by his caparisoned but riderless horse, so is this peasant; many of the old customs surviving in that country side, which, somehow, like an island in a turbulent sea, was almost the only spot in Germany not touched by the 30 years war; and so the line of descent and ownership has never been broken.

"A family property surely: yet the owner is nothing but a peasant, and proud to be one:—a peasant rising at three on a summer morning to see to his own fields, his wife rising at the same time to attend to her dairy....This man is lord of all he surveys, of the fields stretching away to the hill-chain, and of a couple of hills too, well wooded and yielding their timber; yet he is but a peasant. Of course he needs labourers, but his very labourers are small owners on his farm, holding their bits of land from which he cannot oust them, in perpetual lease as we should call it. Those lesser peasants in that part of the country are called 'hirelings' (they actually have the word, being Saxons, though spelling it *heuerling*, the diphthong pronounced *oi*)—the hireling giving the larger peasant, instead of rent, a certain amount of labour at seed-time and harvest-time, and threshing-time, being free otherwise to work on his own little farm. And some of these hirelings have been in their home-steads for generations....

"Nor is that man an isolated specimen of his country; that Ravenspurger land within the Province of Westphalia is fairly stocked with them—a peasantry for a poet's dream....I have purposely kept to the appellation 'peasant' in its true sense—a free-hold tiller of the soil....In that particular part of Germany the larger peasant owner is called *Meier*, but everywhere

else in Germany the word *Bauer* holds, as does *paysan* in France."

I strongly suspect that Fowlmere might have shown us something like this idyllic peasantry, but that Roman rule degraded the "service" of the dependent, and Norman rule aggrandised the lordship of the owner.

Kemble tells us that "the centre and groundwork of the whole Teutonic system is the individual Freeman...The Free man is emphatically called Man...waepned man, *armatus*."

Amongst the Celts too only the Free man could bear arms and fight for his home and country.

Monday, 29 May, 1911.

ELLIS HOVELL MINNS, M.A., Vice-President, in the Chair.

EDWARD S. PRIOR, M.A., F.S.A., read a paper, illustrated with lantern-slides, on

MEDIAEVAL FIGURE-SCULPTURE OF ENGLAND.

ON THE LIBRARY OF S. MARK, VENICE.

By J. W. CLARK, M.A.

PREFATORY NOTE.

During the last few years of his life Mr Clark frequently expressed a desire to publish a book on the Library of S. Mark at Venice. For this he had some notes and the manuscript of a lecture delivered before the Cambridge Antiquarian Society on May 28, 1906. Other work, however, and increasing weakness, prevented him from putting his materials in order; and at last it became apparent that he would never be able to complete his task. During his last illness he asked me to examine his lecture- and note-books with a view to publication. Mr Clark died October 10, 1910. On reading the manuscript I found that to remove all trace of its having been delivered as a lecture would necessitate re-writing it entirely. This I was unwilling to do; and it is, therefore, printed substantially as delivered, with a few alterations and corrections.

With regard to the note-books, I found that the documents which Mr Clark had copied, or caused to be copied, in Venice were, for the most part, in print in easily accessible books. I have contented myself, therefore, with giving references to the books in which the documents mentioned in the text may be found; and I have added a few notes. It should be remembered that the description of the adaptation of the Zecca at Venice to library purposes had a special interest in Cambridge at the time of the lecture; for though the scheme for roofing in the East Court of the University Library was thrown out by the Senate, after an animated controversy, on November 21, 1901, it was still fresh in the minds of both its supporters and its opponents.

I wish to express my gratitude to Dr G. Coggiola of the Biblioteca Nazionale Centrale di Firenze (late of the Marciana Library) for his kindness in lending me the photographs from which Plates XXIII, XXIV, and XXV have been made.

A. T. BARTHOLOMEW.

June, 1911.

I.

It is an article in the creed of every true Venetian that the Library of S. Mark was founded by Petrarch. I will begin, therefore, by investigating the evidence on which this belief rests. Petrarch returned to Italy in 1353, and, after trying Milan, Padua, and other cities, he determined to settle at Venice, which he hails, in one of his letters, as "the only home, in these days, of freedom, peace, and justice; the only refuge of the virtuous; the only harbour where those who would lead useful lives can find shelter for their vessels, shattered as they are elsewhere by tyranny and war¹." He resided in Venice from 1362 to 1368; but, before establishing himself and his books, without which he never travelled, he made a prudent bargain with the Republic. The Grand Council, by a formal vote taken 4 September, 1362, undertook to provide him with a house—the Palazzo delle due Torri on the Riva degli Schiavoni—for the term of his natural life; and the body called the Proctors of S. Mark undertook to find the money required for a place in which the books could be deposited². Petrarch, on the other hand, in a document of the greatest interest, appended to the above minute of the Grand Council, expresses his own intentions in clear and definite language. Saint Mark is to inherit the books which he now has, or one day may have, on condition that they are neither sold nor

¹ *Epistolae de rebus senilibus*, iv. 2. Fran. Petrarcha Petro Bononiensi Rhetori. Cp. P. de Nolhac: *Pétrarque et l'Humanisme*, i. 78-79 (Nouvelle éd. Paris, 1907).

² Nolhac, i. 80, 94. The document is published in facsimile in the volume issued 27 April, 1905 to commemorate the removal of the Library to the Zécca.

alienated, but kept for ever in some place where they will be safe from fire and water, to the honour of the Saint, the perpetual memory of himself, and the help and refreshment of all studious and noble persons in that State who may chance to take pleasure in such things. This preamble is succeeded by a passage of supreme interest, in which the poet, rising above considerations of the moment and of himself, gives utterance to his desire that out of this gift of his there may grow a great library, which, had his idea been realised, would have been the first public library of Italy. These are his words :

"He—Francis Petrarch—does not impose these conditions because his books are either very numerous or very valuable, but in the hope that hereafter not only will that renowned State add other books to his from time to time out of the public funds, but that noble citizens who love their country, and even strangers, following their example, will in their last directions bequeath some portion of their books to the aforesaid Church; so that it will not be hard to arrive at last at a single great and famous library, equal to one of those in the ancient world; and what reputation will thereby be conferred upon the State no man can surely ignore, whether he belong to the profession of letters, or whether he be only a simple citizen. On which subject, should the matter go forward, he, Petrarch, will write more at large. But, in order to make it clear that he is not limiting himself to words in so great a matter, he is willing to carry out what he has undertaken to do, etc.¹"

This is a noble passage, and it is sad to have to relate that no library connected with the name of Petrarch exists at Venice; and, sadder still, that none was ever established there. What happened? Was Petrarch insincere, and, after accepting the hospitality of Venice for at least six years, did he change his mind, and give his books to another State? Not so; I hope that he may be acquitted of any crime more heinous than carelessness. As time went on he seems to have tired of

¹ This document is printed by Nolhac, i. 94, and published in facsimile in the Commemorative volume, see p. 301, note 2.

Venice; perhaps it proved to be not quite so tranquil a place as he had imagined, for the Riva degli Schiavoni is even now one of the noisiest spots in the city, and in the days of the maritime ascendancy of Venice must have been far noisier. So Petrarch betook himself to Padua, where he found more congenial society at the court of Francesco Carrara; while at Arquà, a small town in the Euganean Hills, he met with a rural simplicity which recalled the Vaucluse of his earlier years, and which was impossible at Venice. So he stayed on there till the end came, quite unexpectedly and peacefully, 18 July, 1374. He had retired, as usual, to his study, and there he was found in the morning, lifeless, his forehead resting on an open book.

What became of the library¹? In virtue of the arrangement of 1362 it was the property of Venice; and that Petrarch acknowledged this may explain the absence of all reference to it in his Will, dated at Padua 4 April, 1370. But, when he died, the relations between Padua and Venice were strained, and presently a war broke out, in the course of which the Venetians had to consider other matters more important than the fate of a library. What that fate was can easily be traced. At some period after 1379, when we find the library still at Padua, and intact, it was sold. "Francis Petrarch," said Poggio, "had a vast quantity of books; but after his death they were sold, and dispersed among various persons." It has been shown that there are 36 manuscripts still in existence which undoubtedly belonged to Petrarch; and that the greater number of these once formed part of the library of the Visconti at Pavia². That family had doubtless obtained them when the independence of the reigning house of the Carrara at Padua came to an end, and Carrara was probably one of the "various persons" who had enriched his own collection when the library was sold by Petrarch's executors. By a curious freak of fortune only one has found a home at Venice.

I have told the plain truth about Petrarch's books, but I strongly suspect that there are not a few romantic and

¹ Nolhac, pp. 87 sqq.

² *Ibid.*, pp. 103—4.

patriotic souls who believe that they have been hid away in some secret recess, like Montezuma's treasure, and that one day they will reveal their existence to a fortunate researcher. The attempt to find them has been made once already, by one Jacopo Filippo Tomasini, whose *Petrarcha Redivivus* saw the light in 1650; but alas! the failure was as conspicuous as the effort was daring. He was told, in 1634, that in the upper part of the façade of S. Mark's Church, close to the bronze horses, there was a small room; and that in this room he would find Petrarch's books. He obtained leave to enter, and, sure enough, there lay some eighty mouldering volumes. Petrarch had given his books to S. Mark's; books had been found in a secret chamber there; they were evidently the long-lost manuscripts. "Ours the treasure," cried Tomasini and his friends; and, as the world of Venice wished to believe, believe it did¹. Some few critics, more enlightened than the rest, dared to doubt; but it was reserved for M. de Nolhac, some fifteen years ago, to point out that several of the manuscripts were written in a hand of the fifteenth century, and therefore could not have belonged to Petrarch; while, as for the rest, there was no evidence whatever to justify the theory that he had once owned them².

II.

The real founder of the Library of S. Mark was Cardinal Bessarion, who, just a century after the acceptance of Petrarch's offer, approached the State of Venice with a similar proposal. Bessarion, a native of Trebizond, came to Italy in the train of the Emperor John Paleologus, and distinguished himself at the Council of Florence in 1439 as the advocate of the union of the Greek and Latin Churches. The Council having adopted the union, Bessarion was made a Cardinal by Pope Eugenius the Fourth, and took up his abode in Rome, where he became

¹ The question was re-opened in 1739 when by a decree of 14 September it was decided to include the MSS. found in S. Mark's in the catalogue in course of preparation.

² *Pétrarque et l'Humanisme*, p. 98.

the friend and counsellor of four successive Popes, Eugenius the Fourth, Nicholas the Fifth, Calixtus the Third, and Pius the Second. But affairs of State, though he was thoroughly conversant with men and courts, and frequently employed on delicate and difficult negotiations, were not allowed to interfere with the dominant passion of his life, the formation of a library. The letter which he wrote to the Doge of Venice, with the offer of his books, 31 May, 1468, is a living document, describing the way in which the collection had been got together, and the feelings which prompted him to select Venice as the permanent home of his treasures¹. I will give a free translation of a few sentences:

"From my earliest childhood, books on every subject have been my delight; as a boy and as a young man I copied a large number with my own hand; and every small piece of money that I could with the utmost frugality set apart, I spent upon their purchase....A large number of books was not so much my object, as books of the first quality....I have always devoted my best energies to this pursuit, but I redoubled my efforts after the destruction of Greece, and the sad captivity of Byzantium. Then I exhausted all my care, my energy, and my means in the acquisition of Greek books, for I feared that works of the highest order of merit, which had long illuminated the world, would speedily and utterly perish....These it is my desire to deposit, during my life-time, under such conditions that even after my death they may not be scattered or alienated, but be kept together in a place at once safe and convenient, for the common use of Greeks as well as Latins."

He concludes by telling the Doge that he had thought of many cities of Italy, but that he had finally made choice of Venice, partly by reason of the excellence of the government and the high character of the people, but still more because of the number of Greeks who land there, and find it a second Byzantium.

Bessarion, as a Greek, was doubtless moved by the considerations here set down; but it appears from some of the documents that his dispositions in favour of Venice were strengthened by Paolo Morosini, Venetian envoy at the Papal

¹ Printed by G. Valentinelli in the history of the Library of S. Mark prefixed to his *Bibliotheca manuscripta ad S. Marci Venetiarum*, pp. 16-19, and by H. Omont in his paper on Bessarion's gift published in the *Revue des Bibliothèques*, Mai-Juin, 1894, pp. 138-140.

Court, and possibly by the Pope himself, who was a Venetian. Further, he had himself been received at Venice with more than usual splendour, when he came there on a special embassy from Rome, the Doge meeting him in the State Galley as if he had been a Sovereign Prince.

Bessarion's first idea had been to give his Greek books only to the Benedictine House of San Giorgio Maggiore; but as it was represented to him that it would not be easy to consult them, if placed on an island, he obtained a Bull (dated 16 September, 1467) from Pope Paul the Second, allowing him to cancel the gift to San Giorgio, and to give all his books, Greek as well as Latin, to the Church of S. Mark, on condition that they were placed "in some safe library near S. Mark, with right of public entry to all who wished to study or to read".¹

Bessarion's gift was ratified by a formal conveyance, dated from the Baths of Viterbo, 14 May, 1468²; and on 30 August, 1468, 100 ducats were voted towards the expenses connected with the gift, to be charged to the salt tax³. The manuscripts, 746 in number, whereof 482 were Greek and 264 Latin, were sent off soon afterwards, in 48 cases; for early in the following year (21 April, 1469) the Senate decides that the Cardinal's major domo, in consideration of his trouble and expense in bringing the books from Rome to Venice, with 15 mules and servants, shall receive 400 ducats. This liberality did not please all the members of the Council, for 15 votes against it are recorded⁴.

Let us now imagine the books in Venice in their cases—out of which they were not taken, as we shall see, for many a long year—and the Senate gazing helplessly at them, quite unable to decide what to do with them or where to bestow them. Sansovino did not begin to build the Library till 1537, or about 70 years after Bessarion's gift. What was being done in the interval?

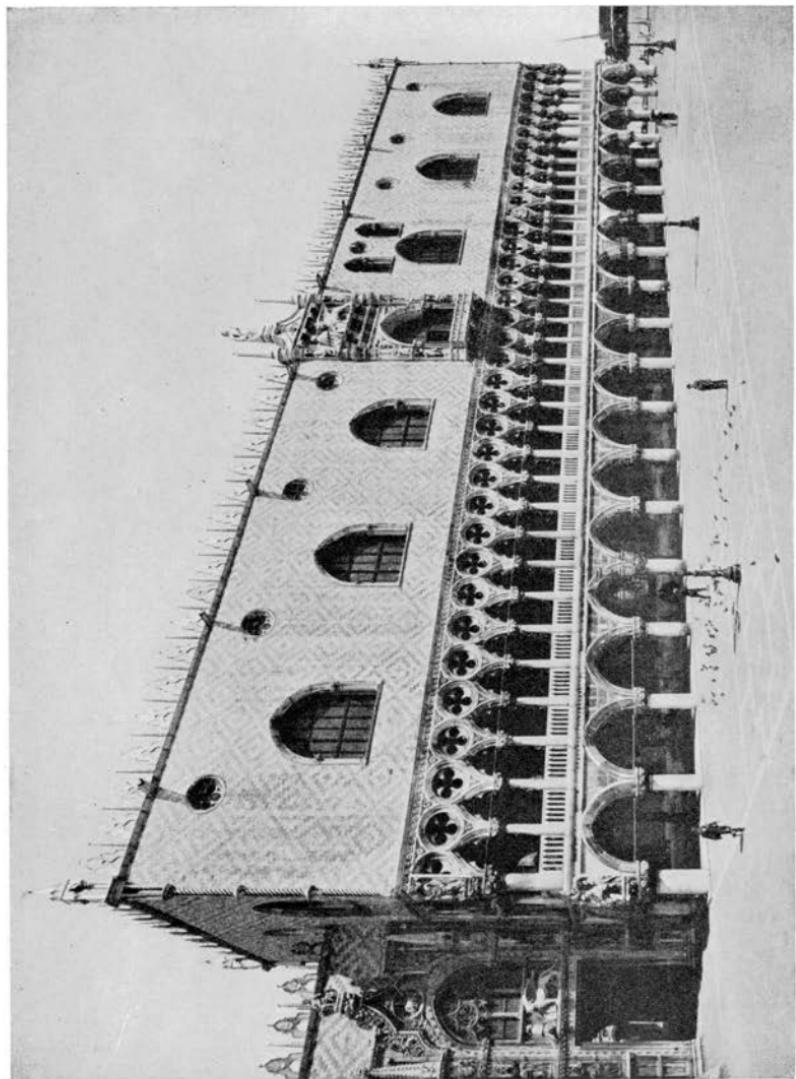
The answer is to be found in a number of curious minutes

¹ Omont, pp. 140–143.

² *Ibid.*, pp. 145–148.

³ Valentinielli, p. 22; Omont, p. 135.

⁴ Omont, p. 135.



Venice. The Ducal Palace, West facade

of the Senate or of the Proctors of S. Mark which have been preserved, like the other public records of Venice, in excellent order.

The first of these minutes is dated 23 March, 1468. The conditions of the coming gift are quoted at length, and it is agreed unanimously that the Cardinal must be thanked and a suitable room provided¹. The Council meets again 2 May, 1468, and agrees that no better place can be found than "the newly built hall of our palace (*sala novissima palatii nostri*)"², that is the room in the Ducal Palace now known as the Sala dello Scrutinio (Plate XXI). The hall in question is a magnificent apartment, 164 feet long by 65 feet wide; and no more dignified or suitable abiding-place for books could be imagined; but it was in a building that was being used for a totally different purpose, and from the first the books were intruders.

Bessarion died at Ravenna, 19 November, 1472; and, after his death, much time and energy were devoted to recovering what is called in the next minute (dated 23 July, 1473) "the rest of his books (*residuum librorum*)," probably those which he had bought after his gift to Venice had been signed, or those which had been lent³.

Now begins a right merry comedy—I can really call it nothing else—glimpses of which are revealed to us by the minutes to which I have already alluded. Would that we could get behind the scenes, and learn the names of the players, and the motives which actuated them! There was evidently a party of action and a party of obstruction. The former, every few years, indites a minute, in which frequently an indignant, not to say a scolding tone is employed, and immediate action is carried by an overwhelming majority⁴. But nothing is done for five, or ten, or even twenty years; and then another minute in a similar style is indited! Possibly the political difficulties of Venice may have had something to

¹ Valentinelli, pp. 14-15; Omont, pp. 132-133. The Doge's letter of thanks is dated 10 August, 1468 (Omont, p. 134).

² Valentinelli, p. 15; Omont, p. 133.

³ Valentinelli, p. 33.

⁴ *Ibid.*, p. 36.

do with her inaction; certainly she must have been very short of money till after the Peace of Cambrai in 1529.

As regards the fate of the books I gather that they reposited in their cases, in the Sala dello Scrutinio, or in some other room in the Ducal Palace, till the beginning of the 16th century; that in 1494 the General of the Dominicans offered them a home, to be called the Library of S. Mark, in his convent; that his offer was accepted by 161 to 19, but not carried out for some reason long since forgotten¹; that in 1515 the Proctors of S. Mark assigned a place to the library "in the Square, and in the New Building (*in Foro ipso apud Novam Fabricam*)," in consideration of which it is proposed to allow them 80 ducats a year (about £16!)²; and that before 1535 the books were transferred, still in their cases, to some room or rooms in the Church of S. Mark, for in that year the Sala della Libreria in the Ducal Palace is being adapted to some other use, which proves that the books were no longer in it³.

Meanwhile, in 1529, the Proctors of S. Mark had lost their presiding architect, and they elected in his room Jacopo Sansovino, a Florentine architect who had worked successfully in Rome. He is said to have been born in 1486, and if this be true he would have been 59 years of age when he came to Venice.

He made his *début* in Venice with certain important repairs of the Church of S. Mark; in 1535 he built the Mint or Zecca; and lastly the long-talked-of Library of S. Mark, the commencement of which cannot have taken place before 1537, in which year it was agreed to "build the library, on the site of the one lately begun, according to the model made or to be made by Signor Jacopo Sansovino"⁴. The "library lately

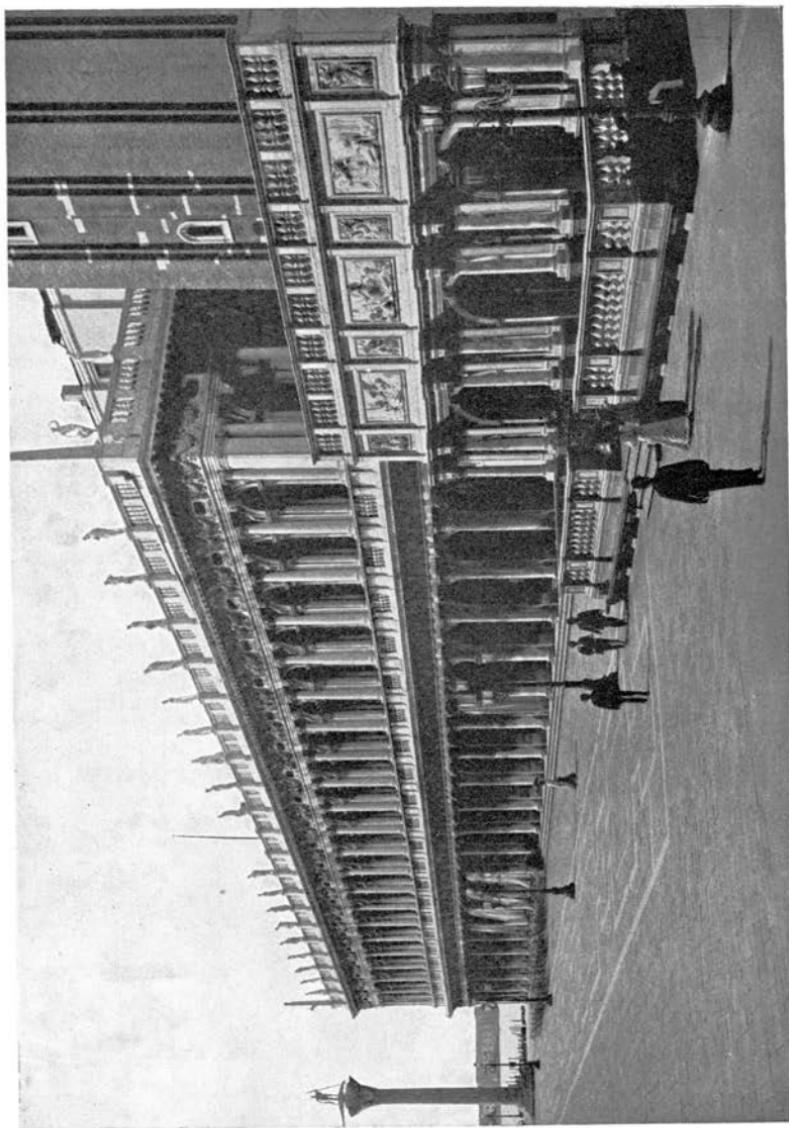
¹ Valentinelli, pp. 37-38.

² *Ibid.*, p. 39.

³ *Ibid.*, pp. 40-41.

⁴ Die Sexto Martij 1537

Celsissimi Domini Petrus Lando, et Colleghe Procuratores de Supra Ecclesie Sti Marci, absente tantum Celsissimo Domino Joanne de Lege eorum Collega, Cupientes et intendentes exequi et adimplere voluntatem Illustrissimi Dominij nostri circa fabricam librarie edificandi pro collocandis libris q. Reverendissimi



Venice. The Library of Sansovino, East facade

begun" may be that to which reference has been already made in the Minute of 1515; for "the new building" would seem to be the Procuratie Nuove on the south side of the Square of S. Mark.

Sansovino's building (Plate XXII) occupies the whole of the west side of the Piazzetta; but it was not finished during his life-time, and the present extent of it is due to alterations made after his death. On the other hand his son tells us that it was intended to carry his father's building not only along the Piazzetta, but round the whole of the Piazza as well. However this may be, the work was interrupted in 1558, after the completion of 21 arches, counting from the corner next the Campanile (the base of which is shown in Plate II). Possibly funds ran short.

The lower story is Doric, the upper Ionic, with a heavy frieze and cornice, surmounted by a balustrade supporting statues. These details are best seen from the corner next the mole. The library occupies the first seven arches counting from the Piazza. The room thus formed is 87 feet 6 inches long, by 34 feet 8 inches wide. The windows at the north end are said to have been always closed. Whether this be true or not the proximity of the Campanile would effectually block their light. The library is succeeded by an ante-chamber occupying the three next arches. This was at first used for

Domini D. Cardinalis Niceni deliberaverunt ballotari debere infrascriptam opinionem propositam circa dictam librariam; Tenoris infrascripti; Vt.

Quod fieri beat libraria pro collocandis et gubernandis libris Grecis et Latinis bone memorie q̄i Reverendissimi Domini Cardinalis Niceni super loco fabrice noviter inchoate, ubi erant appoteche panatarie appellate super platea Sancti Marci, secundum formam, et modum modeli facti seu fiendi per Dominum Jacobum Sansovinum Protum Procuratie nostre, et quod pro fabrica dicte librarie expendi, neque tangi possint, neque debeat ullo pacto pecunie existentes, et exacte, ac que in futurum exigentur, per Procuratiam nostram de ratione, tam Capitalis Montis noui conditionati, quam committiarum in Procuratia nostra existentium

Suffragata, et approbata per omnia suffragia de sic.

Testes { D. Petrus de Ludovicis Tattaldio
 { D. Sanctus Barbadico.

Januarius de Nigris
Coadr Not̄.

lectures, but subsequently became a Museum. Beyond this again is the staircase, occupying three more arches. The destination of the rooms between the staircase and the south end is obscure. Sansovino probably carried out his instructions so far as the library proper was concerned; and completed his model with an eye to architectural beauty rather than to the use to be made of the rooms behind its façade.

How was it fitted up? On this subject I find important information in the reports which successive librarians addressed to the Seignory when they entered upon their office.

The first of these is by Silvestro Valier who afterwards became Doge. It is dated 11 September, 1680—about a century after the completion of the building:

"I will begin," he says, "if your serene worships will allow me, by clearing away the desks which block up the whole room. Arranged as they are in numerous narrow rows, they hinder study instead of assisting it, they furnish opportunities for the stealing of leaves, and do damage to the books, which are exposed to continuous dust. Four large tables placed at the corners of the room will render reading easy, and invite to study.... The addition of certain presses for the storage of the books to be detached from the desks will make order more complete and subdivide the room more gracefully."

At this time, then, the library must have been arranged as that of the Vatican was at the same period. The librarian says nothing about chains, but it is obvious that they must have been in use—and in fact the librarian Mocenigo mentions them in 1762, as does Morelli¹.

The Senate gave leave to order the presses asked for the very next day (12 September, 1680)². These are probably the same which still exist in the Ducal Palace.

In 1719 a second series of presses was ordered to contain the manuscripts and printed books bequeathed by Bertuccio Contarini. They were copied from the previous set, but were made rather plainer.

These pieces of furniture having arrived, we can picture to

¹ Jacopo Morelli was librarian of S. Mark's from 1778 until 1819, when he died. He wrote *Della pubblica libreria di San Marco in Venezia. Dissertazione storica* (Venezia, 1774).

² Valentinelli, p. 67.

ourselves the splendid room, with its coved ceiling in the most approved style of Venetian work of that class, adorned with symbolic paintings set in frames of heavy gold ornaments. On the walls above the presses are said to have been portraits by Titian, Veronese, and other less famous artists of the Venetian school; while busts, after the manner of the ancients, stood upon the presses.

Gradually, as the number of books increased, a few rooms opening out of the library, or near it, were allowed to be used for storage.

III.

In 1812, when Eugène de Beauharnais was Viceroy of Italy, the Procuratie Nuove on the south side of the Piazza, which had been built after Sansovino's death, were adapted for his use; the Church of S. Geminiano, at the west end of the square, opposite to S. Mark's, was pulled down, and that end of the square was built as a set of reception rooms and added to the palace; and, lastly, the books were carried across the Piazzetta, and accommodated in the Ducal Palace, whence, as we have seen, they had been removed rather less than three centuries before.

No step could have been more disastrous for the well-being of the library. The books were scattered over the vast halls, to the great inconvenience of those who had charge of them, while the readers were confined to a small and badly lighted room at the west end of the Sala del Collegio. Moreover, the presence of bookcases spoilt the appearance of the rooms; while the weight of their contents either was, or was thought to be, dangerous.

Soon after 1866, when Venice became Italian, various librarians made suggestions for the removal of the books to various palaces or convents more or less suitable. Finally, in 1885, Signor Carlo Castellani, librarian, suggested the Mint, or Zecca; but he proposed to keep some of the books in the Ducal Palace. The question, however, was not considered urgent by official Italy; and as it has been pleasantly said

"the marriage of the Marciana with the Ducal Palace" would never have been dissolved, had not the authorities got thoroughly alarmed on the question of danger. These points were debated at length in 1898 and 1899, and finally a bill was got through the Chamber in 1900 authorising an expenditure of 275,000 lire (about £11,000) for the adaptation of the Zecca to library purposes¹.

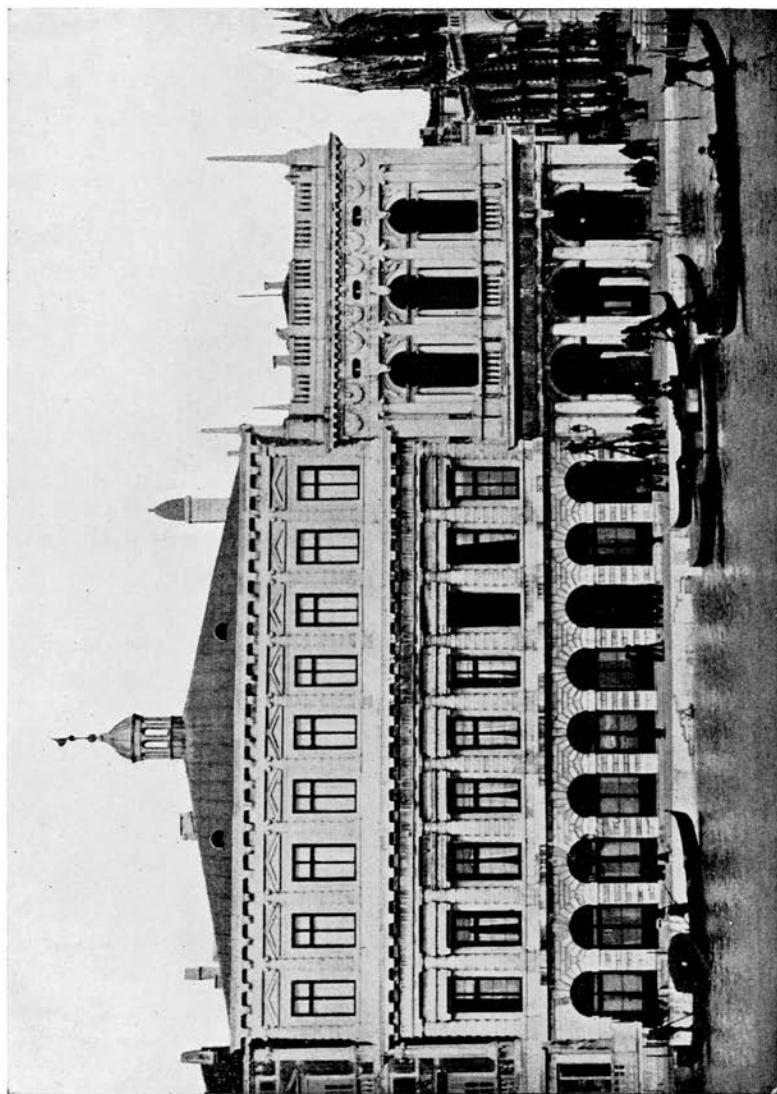
The building divides itself naturally into two parts—a massive, four-square construction (Plate XXIII), with façade facing south towards the sea, in four floors, or three floors and a mezzanine; and behind this, three narrow galleries in three floors, disposed round a court. The building to the left as you look at the façade is extremely shallow and does not obstruct light on that side.

Speaking generally, the front building is occupied by the rooms devoted to manuscripts and rare printed books, the rooms in which to study them, and the rooms for the librarian and sub-librarian; while the general library of printed books occupies the galleries on three sides of the court.

The building is entered from the Piazzetta, through a door opposite to the fifth arch of Sansovino's library, counting from the south end. This door gives access to a vestibule, out of which a student turns to the right to consult the catalogue. This is a card-catalogue, and it is arranged on the ground floor of the right-hand gallery. When he has found his book he hands his ticket to one of the clerks at the desk at the end of the vestibule. From this desk and the rooms behind it the distributing clerks have ready access to the galleries on the west and north sides of the court, while the court itself, of which more will be said later, and which serves as a reading-room, is entered immediately from the vestibule.

On this floor the centre of the front building is occupied by the room in which manuscripts and rare printed books are studied; and adjoining this is a second room for similar purposes. Here is the systematic catalogue, and the catalogue of manuscripts; and when a manuscript is wanted, there is easy

¹ The Campanile fell 14 July, 1902, and the work at the Zecca was hurried on.



Venice. The Zecca (Mint) and South facade of the Library of Sansovino

communication with the upper floors by means of a telephone and a lift. The rest of this floor contains the rooms for the resident caretaker and the furnaces.

Between the room described above and the vestibule is the staircase leading to the upper floors. Let us now mount to the first floor.

In the centre of this floor—the place of honour—is the room in which Bessarion's manuscripts and the rest of the manuscript collections, including the famous Grimani Breviary¹, are preserved; and adjoining it is another room for manuscripts. The rest of the floor is occupied by the librarian, the sub-librarian, and the staff; and especially by those members of it who have charge of the manuscripts in any way. If a manuscript requires to be copied, it is copied on this floor. All these rooms are admirably lighted from the south and west—on which side is the garden of the Royal Palace—and perfectly quiet. North of them is the second flight of stairs leading down and up; and the vestibule leading to the store-galleries already described.

The floor above this—a mezzanine—is contrived, so far as the front building is concerned, above the staircases, and the vestibule behind them; and it extends also over the galleries. All these rooms are devoted to the storage of books.

The last floor—the fourth in the main building, and the third in the building round the court—contains also rooms for storage; a room for the photographer; and a room for the bookbinder. It should be recorded that all the bookcases are of iron, on a German system.

The distinguishing feature of the library however is the ingenious device by which, without altering the building in any way, the court has been turned into a reading-room for students. Francesco Sansovino, son to the architect, whose description of Venice was published in 1581, tells us that round the court on the ground floor “were the shops or forges where the money was coined”; and certainly the heavy stone bench alternating with an open arch indicates a stall or shop of some kind. In the centre was the well, which is

¹ Valentinelli, p. 59.

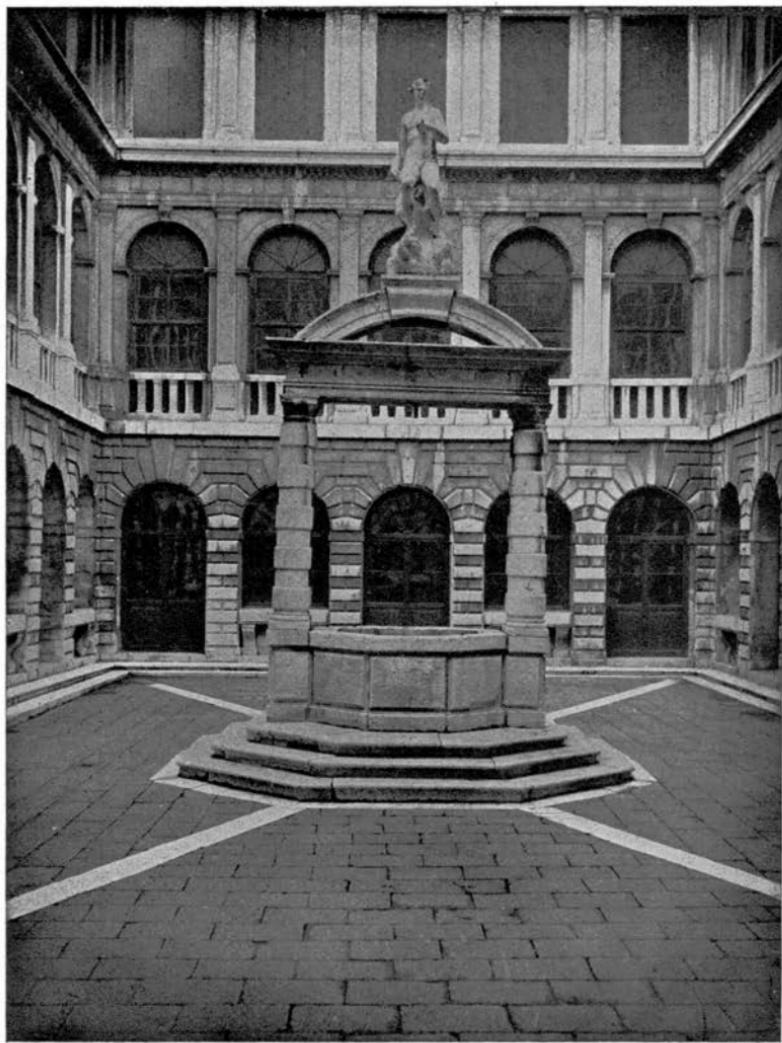
so frequently seen in Venetian courts, surmounted in this instance by a statue of Apollo executed by Danese Cattaneo (Plate XXIV).

As adapted to library purposes (Plate XXV) no architectural feature has been in the least altered or interfered with, but the well with its statue has disappeared, and in its stead we have a wooden floor with tables and chairs sufficient for the accommodation of from 100 to 120 students, should so large a number present themselves. The room measures 79 feet 6 inches by 39 feet. The central niche on the ground floor, facing the entrance, is now occupied by a half-length figure of Petrarch, on a pedestal, bearing a suitable inscription. By this happy device the reading-room and library round it recall the poet's intention, while the building between it and the sea commemorates Bessarion's benefaction.

The roof rests on the cornice which surmounts the upper story of the court. It is made of wood and glass, of the simplest construction. Special care has also been taken to provide for the shovelling away of snow, and to prevent rain from penetrating. Up to the present time it has answered perfectly. The ventilation and warming are also entirely satisfactory; and, lofty as the hall is, the light is amply sufficient.

The work began at the Zecca in March, 1902. It was finished, and the books were moved in, in December, 1904. The library was opened to the public privately, 19 December in that year; and publicly, with a fitting ceremonial, 27 April, 1905.

It should be commemorated that the crowning feat of adaptation, the enclosure of the court, was decided by the vote of the Minister of Public Instruction, Signor Nasi.



Venice. The Court of the Zecca before alteration



Venice. The Court of the Zecca as adapted to library purposes

Monday, 15 May, 1911.

A Loan Exhibition of Stuart and Cromwellian relics, together with objects of interest relating to the period between the reign of Mary Queen of Scots and the death of Cardinal York in 1807, was held in the Guildhall, Cambridge, from Monday, 15 May, until Saturday, 20 May.

The Lord Bishop of Bristol, who has been a member of the Society during the past forty years, performed the opening ceremony on 15 May.

Nearly one thousand objects lent by one hundred and sixteen exhibitors were on view. Some three thousand people visited this important exhibition.



INDEX

- Ady, Thomas, of Shudy Camps, surgeon, 205
Alböke, early mediaeval font at, 23
and note
Allectus, coin of, 195
Allot, Dr., will of, 210
Ambrose, Robert, of Ickleton, surgeon, 204
Andrew the Great, St, Poor House rules, 139
Annual Report 1909-10, 1
Apothecaries Company, 207
Arcadius, coin of, 181
Archaeological Societies, Congress of, 7
Arctic Europeans in the seventeenth century and their relation to British ethnology, 69
Athena, birth of, 279
Atkinson, T. D., Some Consecration Crosses, 143
— The Sign of the Cromwell Arms, Ely, 150
— Inn Signs painted by R. H. Leach, 154

Barber Surgeon, 207, 208
Barham Manor, MS. book of recipes belonging to, 215
Barnes, Monsignor, Tombs of SS. Peter and Paul, 41
Bayeux tapestry, 30
Bessarion, Cardinal, real founder of the library of St Mark, Venice, 304-307
Bin Brook, 190, 191
Bishop's Stortford, A sub-fossil horse skeleton found near, 199
Bonesetters, 212
“Bonnets” in Tudor ships, 36, 37
Borgholm, “Noah’s Ark” near, 21
Botolph’s, St, Workhouse, Inventory of goods, 134-137
Bourn, Cambs., excavations in the tumuli at, 166
Bradwell, excursion to, 6
Brindley, H. H., the ship in the St Christopher window in Thaxted Church, with remarks on early methods of reefing sails, 26
— Exhibition of tokens by, 197
Bro Church, Gothland, 23
Brydon, Th., of Cambridge, apothecary, 223-225
Buck, Martin, apothecary, 259
Bulleyen, William, physician, 213
“Bullocks Haste” field near Cottenham, earthmarks at, 9
Butler, Th., of Parson’s Drove, surgeon, 252-254
Butler, William, of Cambridge, physician, 248-252

Calais sous la domination anglaise, lecture, 196
Cambridge, Guild of the Thanes at, 51
— Parish Workhouses, 69-142
— Union, 124-127
— Water Course, 190, 191

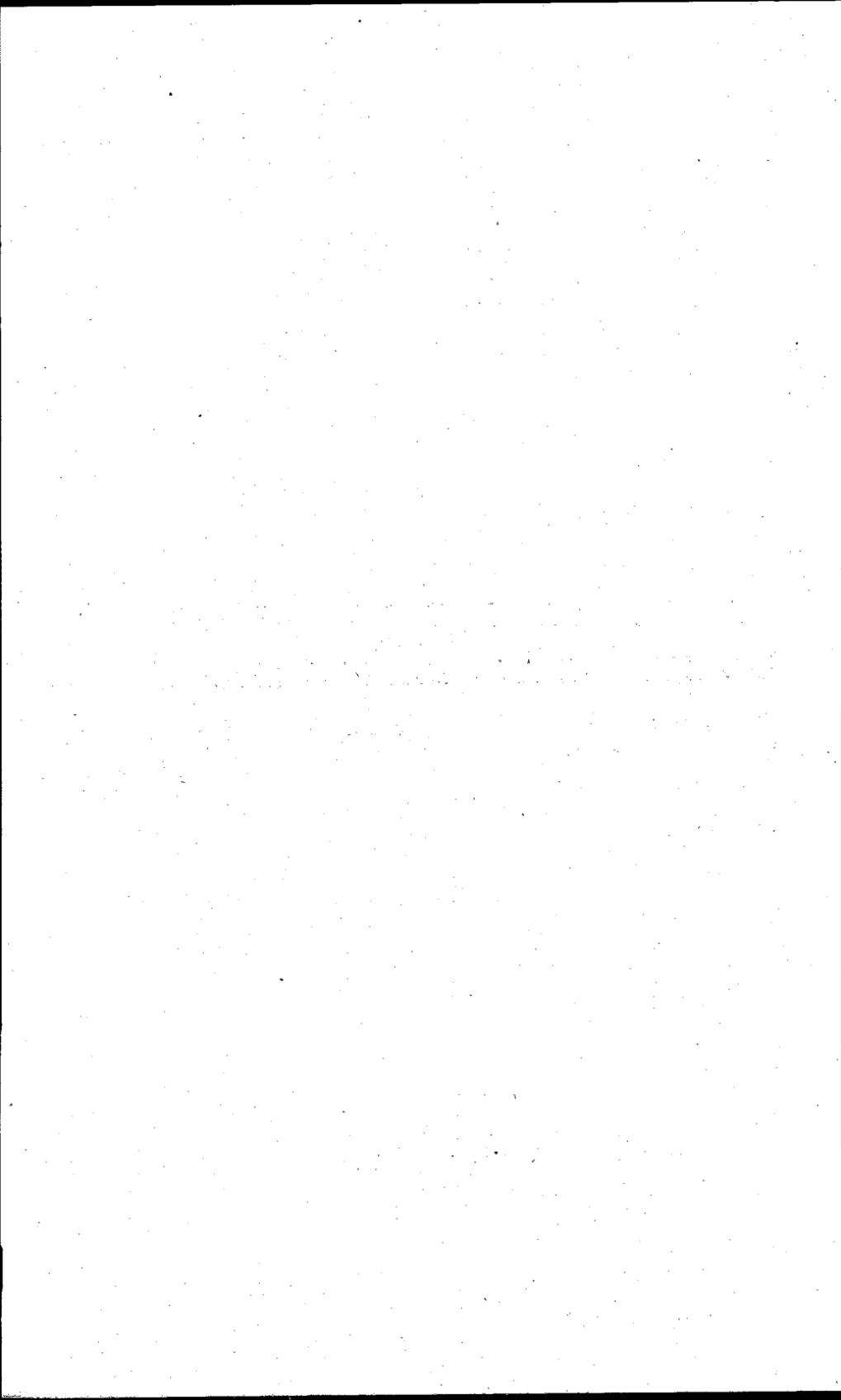
- Cambridgeshire Doctors in the Olden Time, 200-279; sources of information, 200-206; grades of practitioners, 206-213; the country village practitioner, 213-220; drugs used, 220-225; Cambridge doctors, 225-252; medical fees, 252-257; surgical instruments, 257-259; medical libraries, 259-263; modes of conveyance, 264-266
- Canoe, an Ancient Irish dug-out, 62
- Carausius, coin of, 195
- Caxton Moats, 9
- Chaucer, Man of Lawes Tale, 48
- Cherryhinton, war ditches near, 8
- Christopher, St, window in Thaxted Church, 26-41
- Clark, J. W., death of, 1, 13-19
— On the library of St Mark, Venice, 300
- Claudius Gothicus, coin of, 195
- Clement, St, Hostel, 81
- Colchester, excursion to, 6
- Cole, William, antiquary, 251
- Collins, John, Regius Professor of Physic, 208, 209
- Communications 1909-10, list of, 2-4
- Consecration Crosses, 143
- Constans, coin of, 180, 181
- Constantinopolis, coins of, 195
- Constantius II., coin of, 181, 184
- Cook, A. B., The birth of Athena, and its significance, 279
- Cooke, William, Provost of King's, 251
- Corpus Christi College, visit to, 6
- Cottenham, earthmarks at "Bullocks Haste" field near, 9
- Council, changes in the, 7
- Crane, John, of Cambridge, apothecary, 249
- Crispus (as Caesar), coin of, 184
- Crofts, Henry, of Ely, apothecary, 219
- Cromer Forest Bed, 156
- Crowland, devils of, 45
- Crucifix, iron, exhibited, 197
- Day, Thomas, apothecary, 210, 259
- Dent, Peter, apothecary, 210, 211
- Dewlish, elephant-bed at, 162
- Diocletian, coin of, 195
- Dobson, John, vicar of Melbourn, illness, 267-269
- Drugs, 220-225
- Duckworth, W. L. H., Öland, a Swedish island, 20
— An ancient font at Skanör, Skåne, Sweden, 24
— Notes on the Cromer Forest Bed, 156
- Duffield, Leonard, surgeon, 207
- East Anglia, on the late survival of a Celtic population in, 42
- Edward IV., Coat of Arms, 26
- Edward VII., death of, 2, 4
- Edward's, St, resolution for building new Parish Workhouse, 138
- Egypt, cult of the twenty-four Elders in, 25
- Ely, Sign of the Cromwell Arms, 150
— Sextry barn, 150
- Excavation Fund, 4, 8, 9
- Excavations during Long Vacation, 4, 5
- Excursions, 5
- Exeter Cathedral, Consecration crosses in, 143-146
- Fen Drayton, tumuli and early fortification near, 9
- Fowlmere, 281-297
- Fue, William, bonesetter, 212
- Furtho, John, bequest to Trinity College Library, 262
- Gallienus, coin of, 195
- Gamlingay, recently discovered Neolithic site at, 64
- Gaselee, S., the cult of the twenty-four Elders in Egypt, 25
- Glastonbury, Consecration crosses at, 146-149
- Glyn, Dr, 251
- Gogmagog, 53-62
- Gout, recipe for, 215, 216
- Gratianus, coin of, 195

- Gray, Arthur, on the death of Mr J. W. Clark, 17-19
 — On the late survival of a Celtic population in East Anglia, 42
 — On the Wandlebury legend, 53
 Green, F. W., The Soudan, ancient and modern, 67
 Grey Friars, site of the monastery of the, 81
 Grocers' Company, 207
- Haddon, A. C., Art of Palaeolithic man, 196
 Hamdy Bey, death of, 2
 Harrison, Miss J. E., a rain-making ceremony on a fragment of a Dipylon vase, 165
 Hastings, seal of, 30
 Hatcher, John, physician, 212, 238-245; medical library of, 261
 Hauxton Mill, Ford way at, 9
 Havelok, Lay of, 46, 47
 Hayes, Henry, of Wisbech, surgeon, 220; inventory of his goods, 270, 271
 Helena, coin of, 180
 Herrade of Lansberg, Hortus deliciarum, 62
 Hobhouse's Act, 76
 Hobson's Charity, 82, 87-94
 Holland, John, second Earl of Huntingdon, seal of, 31
 Honorary Members elected, 2
 Horham Hall, visits to, 6
 Horseheath, floor of Roman building at, 184
 Howard of Effingham, Lord, seal, 34
 Hügel, Baroness von, lays foundation stone of New Building, 4
- Irving, Rev. Dr. A sub-fossil horse skeleton recently found near Bishop's Stortford, 199
 Isleham, visit to, 6
 Ivo, St, bones of, 49
- Jackson, T. J., Winchester Cathedral, lecture, 63
- James, M. R., on the death of Mr J. W. Clark, 13-16
 — Hortus Deliciarum of Herrade of Lansberg, 62
 Jemmy Gordon, 110-112
- Kalmar Sound, 20
 King's College ditch, 190, 191
 Köping Church, stone circle near, 22
- La Rochelle, seal of, 30
 Law V, alteration in, 2
 Leach, R. H., Inn signs painted by, 154
 Lemster, Walter, of Cambridge, physician, 225-229
 Lennel, F., Calais sous la domination anglaise, lecture, 196
 Lewis, John, of Cottenham, surgical licence granted to, 202, 203
 Longworthy, John, of West Wrating, house and premises of, 217-219
 Lorkyn, Thomas, Regius Professor of Physic, 245-247; medical library of, 262; list of English and French books owned by, 277-279
 Love, Richard, apothecary, 207
- MacRitchie, David, Arctic European in the seventeenth century, 69
 "Mad Tom," 85
 Magdalene College, excavations, etc. at, 4, 5, 178
 Magnentius, coin of, 195
 Marshall, Thomas, of March, apothecary, 219
 Mary, St, the Great, inventory of goods in workhouse, 137
 Mauer, jaw-bone found in the sands of, 165
 Meakes, Richard, barber-surgeon, 208
 Mediaeval figure sculpture of England, 299
 Medical Acts, 201, 203
 Medical fees, 254-257
 Medical libraries, 259-263
 Memphis, discoveries at, lecture, 12
 Meydum, discoveries at, lecture, 12

- Midwives in the Isle of Ely, 205
 Morley, Henry, apothecary, 219
 Museum of Archaeology and Ethnology, Foundation stone laid, 4; purchases by Curator, 10-12
- Newmarket Heath, tumuli, 8
 Niedermendig mill-stones in tumuli at Bourn, 170-172
 Nigerian Head-hunters, lecture, 63
 Nutcrackers exhibited and described, 197
- Officers elected, 280
 Öland, a Swedish island, 20
 Olmo skull, 164
- Pakefield, Forest-bed at, 159
 Palaeolithic man, art of, 196
 Palmer, W. M., Cambridgeshire Doctors in the Olden Time, 200
 Papworth, John, of Duxford, surgeon's licence granted to, 202
 Paris, Sir Philip, will, 214
 Parman, John, surgeon, 211, 259
 Paske, John, surgical instruments of, 258
 Pauper's badge, 85, 115
 Peile, Dr, death of, 1
 Perse, Stephen, personal property of, 250
 Peter and Paul, Saints, tombs of, 41
 Peterboro', Probate records, 217
 Peter's, St, Church, N.E. corner of Chancel, sinking of, 188
 Petrarch, the founder of the library of St Mark, 301
 Petrie, W. M. Flinders, discoveries at Meydum and Memphis, lecture, 12
 Pickering, Robert, of Cambridge, physician, 234-238; list of books in the house of, 273-277
 Plague in Cambridge, 80, 82
 Poor Law Amendment Act, 77
 Poor Law Commissions, 75-79
 Prior, Edw. S., Mediaeval figure-sculpture of England, 299
- Publications 1909-10, 5
 Queens' College, visit to, 5
- Rain-making ceremony, 165
 Recipes, 215
 Redfern, W. B., exhibits by, 197
 Reef, origin of the word, 37, 38
 Reefing Sails, early methods of, 26
 Report, Annual, 1909-10, 1
 Ridgeway, W., An ancient Irish dug-out canoe, 62
 — A cist grave in County Wexford, 62
 Rochell, Thomas, apothecary, 211
 Roman Rubbish pits found near the River Farm, Latham Road, 5
 Roumaine, La, ship, 33, 34
 Rye, seal of, 30
- Salisbury Cathedral, Consecration Crosses at, 143
 Settlement Acts, 74, 85
 Severus Alexander, coin of, 195
 Shells from excavations at Magdalene College, 183, 186
 Skanör, Skåne, Sweden, an ancient font at, 24
 Slepe, Hunts., 49
 Smith, Richard, apothecary, 211
 Smith, R. Parker, exhibits by, 197
 Soudan, The, ancient and modern, 67
 Soward, John, surgical instruments of, 258
 Spinning House, *see Hobson's Charity*
 Stacey, John, of Linton, surgeon, 214
 Stokes, H. P., Cambridge Parish Workhouses, 69-142
 Stuart and Cromwellian relics, Loan Exhibition of, 315
 Sturbridge Fair, 80
 Sturges Bourne's Act, 76
 Surgical instruments, 257-259
 Sutter, Julie, Britain's next campaign, 297-299
 Sweating sickness, 234
 Swetson, Dorcas, will of, 209, 210
 Swetson, John, will of, 209

- TégeLEN forest-beds, 165
 Tetricus, coin of, 195
 Thaxted, excursion to, 6
 Thaxted Church, the Ship in the St Christopher window in, 26
 Theodosius I., coin of, 180
 Therfield, Ramsey monks estate at, 50
 Thomas, John, of Cambridge, priest and physician, 207, 229-234; list of books found in the house of, 272, 273
 Tokens, seventeenth century, exhibited, 197
 Torslunda, gold collar from, 21 *note*
 Treasurer appointed, 7
 Tremearne, Capt. A. J. N., some Nigerian Head-hunters, lecture, 63
 Trumpington, excavations near Latham Road, 192
 Urbs Romana, coin of, 181
 Vagrant Acts, 72, 73
 Valens, coin of, 180
 Valentianus, coin of, 181, 184, 195
 Vatteville Church, *ex voto* windows in, 32, 33
 Venice, on the library of St Mark, 300
 Victorinus, coin of, 195
 Village, A, in the making, 281
 Villequier Church, *ex voto* windows in, 32
 Walker, F. G., a recently discovered Neolithic site at Gamlingay, 64
 —— Excavations in the tumuli at Bourn, Cambs., 166
 —— Excavations at Magdalene College, 178
 —— Excavations near Latham Road, Trumpington, 192
 —— Exhibits by, 197
 Wandlebury legend, 53
 Welsh brigands in England, 50
 Wendel, discoveries at, 22
 West Wrating, 217
 Wexford, cist grave in Co. Wexford, 62
 Wherry, G. E., exhibits by, 197
 Widdows, Dr, 214
 Willis, Professor, 14, 18
 Willows, Richard, surgical instruments of, 258
 Winchester Cathedral, lecture, 63
 Winterton, Ralph, Regius Professor of Physic, 208, 209
 Woodcock, Elizabeth, nutcrackers belonging to, exhibited, 197
 Workhouse, Parish, life in a, 127-133
 Workhouses, Cambridge Parish, 69-142
 Workhouses, proposed public, in Cambridge, 86
 Workhouses, duties as to, 139
 Yorke, A. C., A Village in the making, 281

CAMBRIDGE ANTIQUARIAN SOCIETY
PROCEEDINGS AND COMMUNICATIONS



PROCEEDINGS
OF THE
Cambridge Antiquarian Society,

WITH
COMMUNICATIONS
MADE TO THE SOCIETY.

VOL. XV.



NEW SERIES.

VOL. IX.

1910—1911.

CAMBRIDGE:

PRINTED FOR THE CAMBRIDGE ANTIQUARIAN SOCIETY.

SOLD BY DEIGHTON, BELL & CO.; AND BOWES & BOWES,
LONDON, G. BELL AND SONS, LTD.

1911.

Cambridge:

PRINTED BY JOHN CLAY, M.A.

AT THE UNIVERSITY PRESS.

CONTENTS

MICHAELMAS TERM 1910.

(No. LVIII.)

	PAGE
Report for the year 1909-10	1
Discoveries at Meydum and Memphis. Professor W. M. FLINDERS PETRIE, D.C.L., F.B.A. (n. p.)	12
1. Öland, a Swedish Island (One Text Figure and Plate I). 2. An Ancient Font at Skanör, Skåne, Sweden (Plate II). W. L. H. DUCKWORTH, M.D., Sc.D.	20
The Cult of the Twenty-four Elders in Egypt. Mr S. GASELEE (n. p.)	25
The Ship in the St Christopher Window in Thaxted Church, with remarks on early methods of reefing sails (One Text Figure and Plate III). Mr H. H. BRINDLEY	26
The Tombs of SS. Peter and Paul. The Very Rev. Monsignor Barnes (n. p.)	41
I. On the Late Survival of a Celtic Population in East Anglia. II. On the Wandlebury Legend. Mr ARTHUR GRAY	42
1. An Ancient Irish Dug-out Canoe. 2. A Cist Grave in County Wexford. Professor RIDGEWAY, F.B.A. (n. p.)	62
Hortus Deliciarum of Herrade of Lansperg, a Picture-book of the Early Middle Ages. Dr M. R. JAMES, F.B.A. (n. p.)	62
Some Nigerian Head-hunters. Captain A. J. N. TREMEARNE (n. p.)	63
Winchester Cathedral. Mr T. G. JACKSON, R.A. (n. p.)	63
A recently discovered Neolithic Site at Gamlingay, Cambridgeshire. Rev. F. G. WALKER, M.A. (One Text Figure and Plates IV, V)	64
The Soudan, Ancient and Modern. Mr F. W. GREEN (n. p.)	67

LENT TERM 1911.

(No. LIX.)

	PAGE
Arctic Europeans in the Seventeenth Century and their relation to British Ethnology. Mr DAVID MACRITCHIE, F.S.A. (Scot.) (n. p.) .	69
Cambridge Parish Workhouses (Plates VI.—VIII). Rev. Dr STOKES .	70
1. Some Consecration Crosses (Six Text Figures). 2. The Sign of The Cromwell Arms, Ely (One Text Figure). 3. Inn Signs painted by Richard Hopkins Leach. Mr T. D. ATKINSON	143
Notes on the Cromer Forest Bed (Plate IX). W. L. H. DUCKWORTH, M.D., Sc.D.	156
A Rain-Making Ceremony on a Fragment of Dipylon Vase. Miss J. E. HARRISON (n. p.)	165
1. Excavations in the Tumuli at Bourn, Cambridgeshire, 1909 (Four Text Figures and Plates X—XII). 2. Excavations at Magdalene College, Cambridge, 1910 (Six Text Figures and Plates XIII—XV). 3. Excavations near Latham Road, Trumpington (One Text Figure and Plates XVI—XIX). Rev. F. G. WALKER, M.A.	166
Calais, sous la Domination Anglaise. Monsieur F. LENNEL, Professeur au Collège d'Arras, Docteur-ès-Lettres (n. p.)	196
The Art of Palaeolithic Man. A. C. HADDON, Sc.D., F.R.S. (n. p.)	196
Open Meeting	197

EASTER TERM 1911.

(No. LX.)

A Sub-Fossil Horse Skeleton recently found near Bishop's Stortford. Rev Dr IRVING (n. p.)	199
Cambridgeshire Doctors in the Olden Time. W. M. PALMER, M.D.	200
The Birth of Athena and its significance. A. B. COOK, M.A. (n. p.)	279
Seventy-first Annual General Meeting	280
A Village in the Making (Plate XX). Rev. A. C. YORKE	281
Mediaeval Figure-Sculpture of England. EDWARD S. PRIOR, M.A., F.S.A. (n. p.)	299
On the Library of S. Mark, Venice (Plates XXI—XXV). J. W. CLARK, M.A.	300
Loan Exhibition of Stuart and Cromwellian relics	315
Index to Vol. XV	317

LIST OF ILLUSTRATIONS

	PAGE
Plate I. "Noah's Ark," the representation of a Viking ship, near Borgholm, Öland, Sweden (fig. 1)	21
Part of a stone circle near Köping Church, Öland, Sweden. Each stone in the circle is supported by three or four smaller ones (fig. 2)	21
Sketch-plan of the megalithic remains grouped around Köping Church, Öland	22
Plate II. Ancient Font at Skanör, Skåne, Sweden	24
„ III. Thaxted church, Essex	26
Ship in St Christopher Window in Thaxted Church	28
Neolithic site at Gamlingay	65
Plate IV. Flint Implements from Neolithic site, Gamlingay, Cambridgeshire	66
Plate V. Flint Implements from Neolithic site, Gamlingay, Cambridgeshire	66
Plate VI. Hobson's Workhouse, or The Spinning House, in St Andrew's Street, now replaced by the Borough Police Station	87
St Andrew's-the-Great Workhouse (St Andrew's Hill, St Tibb's Row)	87
Plate VII. St Andrew's-the-Less Workhouse (now 8 and 9 Staffordshire Gardens)	100
St Clement's Workhouse (back view, in St Peter's Street)	100
Plate VIII. St Giles's Workhouse (at the back of "The Borough Boy," Northampton Street)	113
St Michael's Workhouse (Gifford Place, Green Street)	113
Exeter Cathedral. A. Plan of the Cathedral. B. Plan of Speke's Chantry Chapel. C. Cross on Speke's Chapel (fig. 1)	144

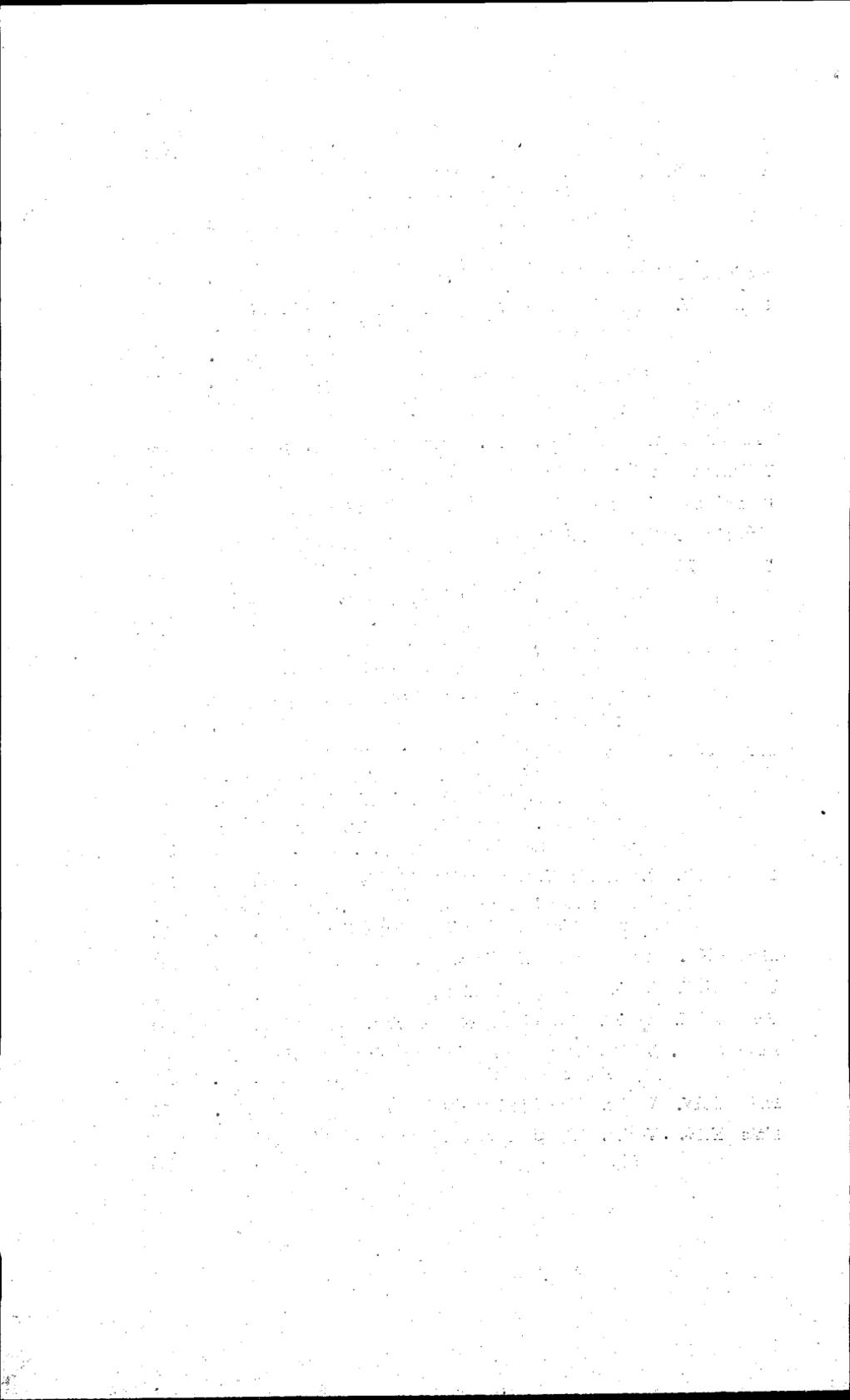
	PAGE
Exeter. Crosses on the wall of the south aisle (fig. 2)	145
Glastonbury. X. Plan of the Abbey Church. Y. Plan of St Joseph's Chapel and Porch. Z. Pin-holes for crosses (fig. 3)	147
Chichester. Marks of Crosses. (From <i>Archaeologia</i>) (fig. 4)	148
Glastonbury. Conjectural restoration of Crosses (fig. 5)	149
Glastonbury. St Joseph's Chapel from the north-west (fig. 6)	149
The Sign of <i>The Cromwell Arms</i> , Ely	151
Plate IX. The Forest-bed as exposed on the foreshore near Happisburgh. Three masses or billets of driftwood are seen practically uncovered as they were exposed by tidal action. In the cliff, the first and second "Tills" can be distinguished, the first being more evident to the right of the photograph. (From a photograph taken by J. J. Lister, Esq., F.R.S., St John's College, Cambridge) (fig. 1)	157
Two flaked flints. That marked CR was found on the shore near Cromer, and in the Forest-bed. It is partially encrusted with a ferruginous deposit ("pan"). The second specimen (No. 13) is one of several found in cave "S" at Gibraltar (in September, 1910). It is of the type known as that of Le Moustier. (Reproductions approximately $\frac{1}{2}$) (fig. 2)	157
Plan of Bourn Village (fig. 1)	167
Bourn Tumuli (fig. 2)	168
Section of Tumulus No. 1 (fig. 3)	169
Plate X. Bronze articles. Tumulus No. 1	170
Iron nails, Hone and Bronze articles. Tumulus No. 2	170
Section of Tumulus No. 2 (fig. 4)	172
Plate XI. Hones and Tesserae. Bourn Tumuli	173
Iron knife, Bronze strap end and ornament. Flat piece of bronze with lead attached from Tumulus No. 2.	173
Iron nails from Tumulus No. 1	173
Plate XII. Shallow basin from Bourn. Tumulus No. 2	175
Shallow basin from Barton Moats, 18 inches diameter, 5 inches deep	175
Plate XIII. Roman window glass, glass counter and two fragments of thin glass bottles	179
Sketch-plan of the excavations at Magdalene College, Cambridge, 1910 (fig. 1)	179

LIST OF ILLUSTRATIONS

ix

PAGE

Plate XIV.	Magdalene College. Knife, nails and bronze pin from 1st cutting in bank	180
	Magdalene College. Knife, nails, hone, and bronze pin from 2nd cutting in bank	180
Section of northern portion of trench (fig. 2)		182
Plate XV.	Magdalene College. Large Roman rubbish-pit. Roman mortar, fragment of "Samian" ware with dancing figure, 2nd century, and fragment of stamped ware	184
	Magdalene College. Iron spur from 1st cutting in bank	184
Section of southern portion of trench (fig. 3)		185
St Peter's Church, Cambridge. N.E. corner of chancel (fig. 4).		188
Probable course of newly discovered stream (fig. 5)		189
Plan of excavations at Magdalene College, Cambridge (fig. 6)		190
Plan of excavations near Latham Road, Trumpington (fig. 1)		194
Plate XVI.	Latham Road. Roman Rubbish Pits. Marble basin	195
	Latham Road. Roman Rubbish Pits. Mouth of jar, castor ware	195
Plate XVII.	Latham Road. Roman Rubbish Pits. Iron knife and shears, bronze key and part of fibula and bone needle	196
	Latham Road. Roman Rubbish Pits. Fragment of unglazed red ware	196
Plate XVIII.	Latham Road. Roman Rubbish Pits. Fragment of bowl with ridged neck. Fragment of 1st century black glazed ware pierced for rivetting loom weights	196
	Latham Road. Roman Rubbish Pits. Stamped ware and fragments of cullenders	196
Plate XIX.	Latham Road. Roman Rubbish Pits	196
	Latham Road. Roman Rubbish Pits. Stamped ware and portion of a baby's feeding bottle	196
Plate XX.	Sketch-plan of Fowlmere	281
Plate XXI.	Venice. The Ducal Palace, West façade	307
Plate XXII.	Venice. The Library of Sansovino, East façade	309
Plate XXIII.	Venice. The Zecca (Mint) and South façade of the Library of Sansovino	312
Plate XXIV.	Venice. The Court of the Zecca before alteration	314
Plate XXV.	Venice. The Court of the Zecca as adapted to library purposes	314



CAMBRIDGE ANTIQUARIAN SOCIETY.
RECENT PUBLICATIONS.

QUARTO (NEW) SERIES.

I. THE DUAL ORIGIN OF THE TOWN OF CAMBRIDGE. By ARTHUR GRAY, M.A. pp. 32 + 2 plates. 1908. 3s. 6d.

II. KING'S HOSTEL, TRINITY COLLEGE CAMBRIDGE. By W. D. CAROE, M.A., F.S.A. pp. 38 + 13 plates and 26 illustrations. 1909. 10s. 6d.

OCTAVO SERIES.

XXXVI. CAMBRIDGESHIRE PLACE-NAMES. By the Rev. W. W. SKEAT, Litt.D. pp. 80. 1901. 3s. 6d. net. (*Out of print.*)

XXXVIII. THE VERSES FORMERLY INSCRIBED ON THE TWELVE WINDOWS IN THE CHOIR OF CANTERBURY CATHEDRAL. Edited by M. R. JAMES, Litt.D. pp. 42. 1901. 2s. net.

XXXIX. CAMBRIDGE GILD RECORDS. Edited by MARY BATESON, with a preface by the Rev. W. CUNNINGHAM, D.D. pp. 176. 1903. 7s. 6d. net.

XL. ANNALS OF GONVILLE AND CAIUS COLLEGE, by JOHN CAIUS. Edited by J. VENN, Sc.D. pp. xiii + 431. 1904. 15s. net.

XLI. THE CHAPLAINS AND THE CHAPEL OF THE UNIVERSITY OF CAMBRIDGE (1256—1568). By the Rev. H. P. STOKES, LL.D. pp. viii + 100 + 5 plates. 1906. 5s. net.

XLII. THE PLACE-NAMES OF BEDFORDSHIRE. By the Rev. Professor W. W. SKEAT, Litt.D. 3s. 6d. net. For PLACE-NAMES OF CAMBRIDGESHIRE see No. XXXVI and PLACE-NAMES OF HUNTINGDONSHIRE *Proceedings* No. XLIV.

XLIII. THE RIOT AT THE GREAT GATE OF TRINITY COLLEGE, FEBRUARY, 1610—11. By J. W. CLARK, M.A., F.S.A., Registrar of the University. pp. xxvi + 42 + 1 plate. 1906. 2s. 6d. net.

XLIV. OUTSIDE THE TRUMPINGTON GATES BEFORE PETERHOUSE WAS FOUNDED. By the Rev. H. P. STOKES, LL.D. pp. 88 + 2 plates. 1908. 5s. net.

EXTRA PUBLICATIONS.

Not gratuitous to members.

LUARD MEMORIAL SERIES: RECORDS OF THE UNIVERSITY. To be completed in about five volumes, 8vo. Subscribers, 21s. Members of the Society, 15s.

Vol. I. "GRACE BOOK A," CONTAINING THE PROCTORS' ACCOUNTS AND OTHER RECORDS OF THE UNIVERSITY OF CAMBRIDGE FOR THE YEARS 1454—1488. Edited by STANLEY M. LEATHES, M.A. pp. xliv + 276. 1897.

"Many a biographer who has grieved over the fact that Cooper's *Athenæum* began in 1500 and no earlier will find in Grace Book A a most precious appendix."—*Athenæum*.

Vol. II. "GRACE BOOK B," Part I, 1488—1511. Edited by MARY BATESON. pp. xxvii + 309. 1903.

Vol. III. "GRACE BOOK B," Part II. Edited by MARY BATESON. 1905.

CONTENTS

OF PROCEEDINGS, No. LX.

VOL. XV. (NEW SERIES, VOL. IX.) No. 3.

	PAGE
A Sub-Fossil Horse Skeleton recently found near Bishop's Stortford. Rev. Dr IRVING (n. p.)	199
Cambridgeshire Doctors in the Olden Time. W. M. PALMER, M.D.	200
The Birth of Athena and its significance. A. B. COOK, M.A. (n. p.)	279
Seventy-first Annual General Meeting	280
A Village in the Making (Plate XX). Rev. A. C. YORKE	281
Mediaeval Figure-Sculpture of England. EDWARD S. PRIOR, M.A., F.S.A. (n. p.)	299
On the Library of S. Mark, Venice (Plates XXI—XXV). J. W. CLARK, M.A.	300
Loan Exhibition of Stuart and Cromwellian relics	315
Index to Vol. XV	317

n. p. means that the Communication has not been printed in full.