

# THE RINGING WORLD

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## PRINCIPAL BELLFOUNDERS

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*These famous bell-founding firms have kindly consented to this adaptation of their advertisements to meet the pressure on our space, due to the compulsory reduction in the number of our pages this week.*

## COMPOSITION.

Last week we pointed out that there are several subjects worthy of a ringer's attention on account of the light they throw, directly or indirectly, on some phase of his art and activities. Some of them, no doubt, have very little to do with what takes place in the belfry, and to be a thoroughly skilled and competent ringer it is not necessary to know anything of the national or ecclesiastical history of England, or of the architecture of the tower in which the ringing takes place, or of the musical principles on which the bells are tuned. A knowledge of these things is of value to a ringer, as a ringer, in a more indirect way, but it is of value. And there are some subjects which, though a knowledge of them is no more essential to the actual practical ringing of bells, do concern the ringer's art intimately. Of these the most outstanding is composition.

To be a first class ringer a man need know nothing about the way peals are composed, and, indeed, throughout the history of the Exercise it has been the custom to look on it as a matter which must be left in the hands of a small number of skilled men who have the desire and the ability to devote themselves to its study. Methods and peals and touches, ringers must have; but, for the most part, they are content to take them from the hands of other men, much in the same way that they use the bells which are necessary for their art without considering the way in which they are cast.

For many years, in fact down to quite recent times, the only object men had in turning to composition was to produce peals and methods; and almost the only object of producing peals and methods was that they should be rung. The standard of a man's ability as a composer was the number of peals to which he could make good his claim and men treasured up the list of peals they had composed in the same way that ringers generally treasure up the list of peals they have rung.

All this was quite natural, but the time came when the number of peals which had been composed reached enormous dimensions. There was not a method in ordinary use which had not been worn, as it seemed, threadbare, and the Exercise had far more compositions at its disposal than it needed for its practical purposes. The chances of a man being able to publish a peal and to maintain his claim against all comers that it was original and that it was his and his alone, became very slender. It was freely said that most methods were "worked out," that practically everything that could be done in

(Continued on page 250.)

composition had been done, and there was no more room or need for new composers.

In a sense it was true; but if it had meant that the Exercise, having got as many peals as it required for practical purposes, need concern itself no longer with composition, it would have been a disaster. One thing is quite certain, which is that one of the greatest incentives to progress in practical ringing has been the study of composition. Eliminate that and change ringing itself would suffer. So far as composition means the putting together of a certain number of course ends which will give a peal fit to be rung, the need for it may certainly be said to have almost, if not quite, passed away, and the old style composer with his ideas of originality and ownership is out of date. But increasing knowledge during the last half century has shown that there is much more in composition than the mere stringing together of course ends and the proving the result. Change ringing is based on a definite mathematical science which is worth studying for its own sake. It is not merely that it presents many problems which call for a mathematical solution. The whole thing is a unity and there are certain definite general laws which decide everything, though there is a great amount of variety in their application.

Some day no doubt a writer will give us a full and authoritative explanation of the science of change ringing as a whole, and in the meanwhile these laws are worth studying, especially by the more intellectual of the younger generation, who are better fitted by education and less hampered by prejudice and preconceived ideas than their forerunners were. They will find that the knowledge will not only add to the general interest of ringing, but help in the practical activities of the belfry.

### HANDBELL PEALS.

ENFIELD, MIDDLESEX.

THE MIDDLESEX COUNTY ASSOCIATION AND LONDON DIOCESAN GUILD.

On Thurs., June 1, 1944, in Three Hours and Five Minutes,

At 45, WALSINGHAM ROAD,

A PEAL OF GRANDSIRE CINQUES, 5037 CHANGES;

Tenor size 17 in B flat.

ALBERT J. WALLMAN ... 1-2	MRS. G. W. FLETCHER... 7-8
MRS. J. THOMAS ... 3-4	*WILLIAM L. B. LEESE ... 9-10
JOHN THOMAS ... 5-6	DENNIS H. LANGDON ... 11-12

Composed by MORRIS J. MORRIS. Conducted by JOHN THOMAS.  
\* First peal of Cinques.

OXFORD.

THE OXFORD UNIVERSITY SOCIETY.

On Sun., June 11, 1944, in Two Hours and Nine Minutes,

At NEW COLLEGE,

A PEAL OF KIDLINGTON COLLEGE BOB MAJOR, 5088 CHANGES;

Tenor size 15 in C.

ALAN WHITE ... 1-2	JOHN E. SPICE ... 5-6
BETTY SPICE ... 3-4	SHEILA M. MCKAY ... 7-8

Composed by J. A. TROLLOPE. Conducted by JOHN E. SPICE.

The first peal in the method.

IPSWICH.—On Sunday, June 11th, at St. Mary-le-Tower, 384 Superlative Surprise Major: Hob. Smith 1, Fredk. Bowell 2, Wm. P. Garrett 3, H. Roper 4, F. J. Tillet 5, C. J. Sedgley 6, Wm. G. Brown 7, John P. Tillet 8. Also 720 Cambridge Surprise Royal: Wm. F. Tillet 1, Mrs. P. E. Marriott 2, Hob. Smith 3, Fredk. Bowell 4, Charles Sedgley 5, H. Roper 6, F. J. Tillet 7, Wm. Brown 8, George Symonds 9, John F. Tillet 10. Conducted by C. J. Sedgley.

PINNER.—On Thursday, June 8th, 720 Bob Minor: Robert Colyer 1, Hugh Mackinder 2, Frank Blondell 3, Norman Genna 4, Tom Collins (conductor) 5, William Bunce 6.

### TEN BELL PEAL.

LOUGHBOROUGH, LEICESTERSHIRE.  
THE MIDLAND COUNTIES ASSOCIATION.

On Sat., June 10, 1944, in Three Hours and Thirty-Seven Minutes,

At THE CHURCH OF ALL SAINTS,

A PEAL OF STEDMAN CATERS, 5079 CHANGES;

Tenor 30 cwt.

SYDNEY O. CHENEY ... Treble	WILLIAM J. ROOT ... 6
HAROLD J. POOLE ... 2	SHIRLEY BURTON ... 7
T. GROOMBRIDGE, JUN. ... 3	REDVERS F. ELKINGTON ... 8
GEORGE STEDMAN MORRIS ... 4	ARTHUR DEBENHAM ... 9
HARRY WAYNE ... 5	*H. PETER RAYNOR ... Tenor

Composed by G. LINDOFF. Conducted by T. GROOMBRIDGE, JUN.

\* First peal on ten. First peal of Stedman Caters as conductor.

### EIGHT BELL PEALS.

DARTFORD, KENT.

THE KENT COUNTY ASSOCIATION.

On Thurs., June 8, 1944, in Two Hours and Fifty-Seven Minutes,

At THE CHURCH OF THE HOLY TRINITY,

A PEAL OF GRANDSIRE TRIPLES, 5040 CHANGES;

PARKER'S TWELVE-PART.

Tenor 18½ cwt.

JOHN WHEADON ... Treble	HARRY RAYNOR ... 5
*ROBERT WAKE ... 2	HARRY HOVERD ... 6
*DENIS L. HALL ... 3	JAMES E. BAILEY ... 7
HARRY HOSKINS ... 4	NORMAN CHADDOCK ... Tenor

Conducted by HARRY HOVERD.

\* First peal of Grandsire Triples.

FELTHAM, MIDDLESEX.

THE OXFORD DIOCESAN GUILD.

On Sat., June 10, 1944, in Two Hours and Fifty-Five Minutes,

At THE CHURCH OF ST. CATHERINE,

A PEAL OF BOB MAJOR, 5058 CHANGES;

Tenor 11 cwt. 2 qr. 19 lb. in F sharp.

WALTER SPARROW ... Treble	G. WILLIAM MORRIS ... 5
*RICHARD E. PRICE ... 2	WILLIAM WELLING ... 6
H. WILLIAM BARRETT ... 3	WILLIAM HENLEY ... 7
JOHN M. GAYFORD ... 4	TONY PRICE ... Tenor

Composed by J. R. PRITCHARD. Conducted by TONY PRICE.

\* First peal of Major. The clappers were fitted with softeners.

### SIX AND FIVE BELL PEALS.

NORTON, WORCESTERSHIRE.

THE WORCESTERSHIRE AND DISTRICTS ASSOCIATION.

On Sat., June 3, 1944, in Three Hours and Five Minutes,

At THE CHURCH OF ST. EDWIN,

A PEAL OF GRANDSIRE DOUBLES, 5040 CHANGES;

Forty-two six-scores, ten different callings.

Tenor 14 cwt.

JUBILEE BEASLEY ... Treble	WILLIAM HUGHES ... 4
GEORGE BAYLIS ... 2	*RALPH HARRIS ... 5
R. STEPHENS ... 3	*G. OSBOURNE ... Tenor

Conducted by RALPH HARRIS.

\* First peal.

BLACK NOTLEY, ESSEX.

THE ESSEX ASSOCIATION.

On Sat., June 10, 1944, in Two Hours and Thirty-Three Minutes,

At THE CHURCH OF SS. PETER AND PAUL,

A PEAL OF DOUBLES, 5040 CHANGES;

Being 12 extents each of Plain Bob and St. Simon's and 18 extents of Grandsire.

REV. J. R. SOUTHERN ... Treble	STANLEY BONES ... 3
DERYCK TALBOT ... 2	HENRY PRATT ... 4
RONALD SUCKLING ... Tenor	

Conducted by RONALD SUCKLING.

First peal of Doubles by all in three methods. Rung for the re-opening of the church after damage by enemy action.

EGHAM, SURREY.—On Thursday, June 8th, 2,520 Grandsire Triples: W. C. Parker 1, W. A. Peck 2, E. Armstrong 3, W. Shepherd (conductor) 4, J. B. Hessey 5, R. Andrews 6, E. Morey 7, R. Greenough 8.

## ADMIRAL SIR FRANCIS GEARY.

### A DISTINGUISHED COLLEGE YOUTH.

When William Woty wrote his 'Campanalogia, a poem in praise of ringing,' he had to mention one or two distinguished ringers and the names he selected were not Fabian Stedman, or Benjamin Annable, or John Patrick, but John Hardham, the Fleet Street tobacconist, Samuel Blackwell, the Member of Parliament, and Francis Geary, the Admiral. The reason he did so was, of course, that they were well known to the general public to whom he addressed his poem, and each in his own way held a prominent position in public life. None of the three can be said to have occupied a leading position in the Exercise, but two of them at least were practical peal ringers when peal ringers were very rare, and the Society of College Youths has more justification in being proud of Geary as one of themselves than is the case with many of the names on its membership roll.

Francis Geary was the only son of a country gentleman of no great substance who lived at Cheddington in Buckinghamshire. In the tower of St. Giles' Church in that village there are five bells which were already old in Geary's time, and on them the boy most probably learnt to ring. The bells are interesting as being by little known founders — the treble and third are by James Keene, 1638 and 1634; the second is by John Dier, towards the close of the sixteenth century; the fourth probably by John Saunders, of Reading (1539-1559); and the tenor by R. Chandler, 1638. A few years ago the bells were in their old frame with their old fittings (they may still exist), two of the wheels were of a very old pattern, and one of the stocks had a mortice cut in it for the insertion of a lever, showing that it dated from the time of the oldest style of bell hanging.

Francis Geary was baptised on October 4th, 1709. He was entered as a boy for the Navy, and the fifteen months or so when he was waiting for a ship after having been accepted were spent with his maternal grandfather in London. Then it was he made the acquaintance of Benjamin Annable and the band of the College Youths, most of them not much more than boys themselves, who, first among ringers, made peal ringing the highest ambition of a ringer's career. He showed such aptitude in the art that, though no more than sixteen years of age, he at once took a place in the company's leading band. He owed his rapid advance perhaps to something besides ability and social position, for he was a person of singularly sweet temper and of a lovable disposition, though without any claims to intellectual brilliance.

Geary joined the College Youths in 1725. At that time the society had rung only two peals, Grandsire Cinques at St. Bride's and Grandsire Caters at St. Magnus', both in the same year. Then they turned their attention to Major, and when on April 26th they rang at St. Bride's the first peal of Plain Bob ever accomplished, Geary was at the second. In the following November he rang the same bell to the first peal ever rung of Royal, and three months later to the first of Maximus.

In March, 1725, he stood in a peal of Grandsire Caters at St. Giles', Cripplegate, and in June in a 6,832 of Bob Major at Lambeth, the first long peal by any company. As up till then no more than sixteen peals are known to have been rung throughout the country, this was a good record. Then the Navy claimed him and his peal ringing days were over. He did not, however, lose his in-

terest in the art. In 1744 he held the office of steward in the Society of College Youths, and we may suppose that when he had the opportunity he visited his old friends and took a rope in the belfry.

The European politics of the eighteenth century and the many wars which rose out of them form a tangle which is not easy to unravel, but for this country the main factor was the rivalry between France and England and the struggle for trade and colonies in India and America. In these wars the English Navy played an important part. Geary first saw service on the 'Revenge' in 1727, when a fleet, under Sir John Norris, was sent to the Baltic as a demonstration against Russia. Spain in the same year laid siege to Gibraltar and the 'Revenge' was dispatched to support it, though there was no actual fighting. Geary was promoted lieutenant in 1734.

In 1739 war was declared against Spain amid the general rejoicing of the people. This was the occasion when Sir Robert Walpole made his famous pun: 'They are ringing their bells now. They will be wringing their hands soon.' Geary served on board the 'Victory,' and soon afterwards was in command of the 'Squirrel,' of 20 guns, then of one or two frigates and of one or two battleships. He did good service, though he missed all the big naval battles, and he advanced steadily in rank, becoming rear admiral, vice admiral of the blue, and admiral of the white. He held the post of Port Admiral at Portsmouth for two terms, and in 1780 was appointed to the command of the Channel Fleet. In war time this was a most responsible position, but he lacked the ruthless energy and dogged determination necessary for a great commander, and during his command nothing particular happened. At the end of the year he resigned on the grounds of ill health, and that no fault could be found with his conduct is shown by the fact that he was created a baronet when he retired. It was well, however, for England that she had at the time other admirals like Hawke and Rodney.

Sir Francis Geary died on February 7th, 1796. He was universally beloved; by the ringers with whom he associated in the belfry, by the sailors whom he commanded in war, and by all sorts of men he came in contact with in ordinary life. He was by no means a great man or a great ringer, but his is a name of which the Exercise has a full right to be proud.

### BEDFORDSHIRE ASSOCIATION.

#### MEETING AT WOBURN.

Ringers from Luton, Leighton Buzzard, Linslade, Dunstable, Stony Stratford, Newport Pagnell, Maulden, Chicheley, Weston Underwood, Turvey, Tilsforth, Lavenham and the local band met at Woburn on Saturday, June 10th.

The methods included Stedman and Grandsire Triples, Plain and Little Bob Major, Double Norwich and Cambridge Surprise.

Tea was followed by a short business meeting at the Magpie Hotel, presided over by the Rev. W. E. Bloss.

### GLOUCESTER AND BRISTOL ASSOCIATION.

#### MEETING AT HIGHWORTH.

Ringers from 15 towers were present at a meeting of the Swindon Branch of the Gloucester and Bristol Diocesan Association, held at Highworth on June 10th. The bells do not go very well, but some fairly good ringing in the four standard methods was achieved. Tea was provided by the local ringers, and at the business meeting Brinkworth, South Marston and Lydiard Millicent were chosen for the next three meetings.

CAMBRIDGE UNIVERSITY.—On handbells, on Wednesday, June 7th, 720 Bob Minor: B. D. Price 1-2, G. Dodds (first 720 on handbells) 3-4, Rev. A. C. Blyth (conductor) 5-6.

**'THE RINGING WORLD.'**

The official journal of the Central Council of Church Bell Ringers.

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 Hon. Secretary of the Council: GEORGE W. FLETCHER,  
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By calling the peal of Stedman Caters at Loughborough, Mr. Thomas Groombridge, jun., added to a very fine record. He has now conducted peals of Grandsire and Stedman on five, seven, nine and eleven bells; Plain Bob on six, seven, eight, ten and twelve; and Cambridge Surprise on six, eight, ten and twelve.

The Nottingham District meeting at Sawley on June 3rd had to be cancelled owing to serious illness close to the church.

**THE MONTH'S PEALS.**

During the month of May 41 peals were rung, 32 of them on tower bells and nine on handbells.

The tower bell peals consisted of Plain Bob Doubles 3, Minor 3, Major 3; Grandsire Doubles 2, Triples 6; Stedman Triples 2, Caters 2, Cinques 3; Kent Treble Bob Major 3; Cambridge Surprise Major 1; Three Minor Methods 2; Seven Minor Methods 1; St. Simon's Doubles 1.

The handbell peals were Grandsire Triples 1, Caters 1; Bob Major 2, Royal 1, Maximus 1; Double Bob Major 1; Spalding College Bob Major 1; Double Norwich Court Bob Major 1.

The number of peals in January was 50, in February 34, in March 37, and in April 48; making a total for the year, so far, of 210.

**SERVICE TOUCHES.**

**TREBLE BOB MAJOR.**

1,024				1,024			
23456	M	B	W R	23456	M	B	W R
24536	1	—	2 2	43526	1	—	1
25346		1	2	25346		2	2
23456		1	2	23456		1	2
1,024				1,024			
23456	M	B	W R	23456	M	B	W R
45236	1	—	2 1	62534		—	2 2
25346	1	—	1	54326	1	—	1 2
23456	1	—	2 2	23456	1	—	2
1,056				1,056			
23456	M	B	W R	23456	M	B	W R
43526		2	1	52364	2	—	2 2
25346		2	2	65243		—	2
23456	1	—	2 2	23456	1	—	1 2
1,088				1,088			
23456	M	B	W R	23456	M	B	W R
24536		1	2	56234	2	—	1
25346	1	—	2 2	34625	2	—	2
23456	1	—	2 2	23456	2	—	2 2

**STEDMAN TRIPLES.**

1,260  
 231456 H L Q

345261	x	x
428315	x	x
125346	x	x

Four times repeated.  
 Corrected from last week.

**MIDDLESEX COUNTY ASSOCIATION.**

**MEETING AT UXBRIDGE.**

A meeting of the South and West District of the Middlesex County Association was held at Uxbridge on June 10th, and was attended by about 50 members and friends from Acton, Ashton-under-Lyne, Chester, Ealing (Christ Church, St. Mary's and St. Stephen's), Farnham, Goring-on-Thames, Harmondsworth, Harrow, Hatch End, Hillingdon (St. Andrew's and St. John's), Hughenden, Kensington (St. Mary Abbot's), Kingsbury, North Mimms, Pinner, Ruislip, Uxbridge, Westminster (St. Stephen's) and Weybridge.

The bells at St. Margaret's were rung at intervals from 3 p.m. till 8.30 p.m., and those of St. Andrew's, Hillingdon, from 6.30 p.m. till 9 p.m., under the supervision of Mr. E. C. S. Turner, Ringing Master, and Mr. T. G. Bannister, Deputy Ringing Master. The methods included Grandsire and Stedman Triples, Plain Bob and Double Norwich Court Bob Major, Cambridge, Superlative and London Surprise Major and rounds.

Choral evensong was at St. Margaret's. The Vicar, the Rev. R. Bruce Eadie, welcomed the association and referred to a previous meeting with them when he was Vicar of St. George's-in-the-East, now destroyed.

A short business meeting followed in the vestry, at which the vice-president, Mr. J. A. Trollope, thanked the Vicar, who said he hoped the meeting would be one of many to come.

Five new members, all of Uxbridge, were elected. It was decided to hold the next meeting at Cranford, probably on July 8th, and it is hoped to follow it with one at Harmondsworth a few weeks later. Mr. F. W. Goodfellow drew attention to the monthly ten bell practice at St. John's, Hillingdon, and invited anyone interested to attend.

Thanks were accorded to the Vicars of St. Margaret's, Uxbridge, and St. Andrew's, Hillingdon, and to Miss E. Bedford and Mr. F. Corke and their local companies.

**KENT COUNTY ASSOCIATION.**

A meeting of the Tonbridge District of the Kent County Association was held at Sundridge on June 3rd and was attended by 20 members, including Mr. T. Groombridge, sen. Service was conducted by the Rector, the Rev. E. J. Eyre, and afterwards tea was served at Beechcroft.

At the business meeting the Rector took the chair. Mrs. Richardson, of Sundridge, was elected an honorary member, and Marden was selected for the next meeting on August 5th. Mr. A. Bullin proposed a vote of thanks for the tea and to the Rector. The ringing ranged from rounds to Cambridge Surprise Minor.

**MIDLAND COUNTIES ASSOCIATION.**

**MEETING AT SHEPSHED**

A meeting of the Loughborough District of the Midland Counties Association, held at Shepshed on June 3rd, was attended by members from Copt Oak, Hugglescote, Ibstock, Kegworth, Loughborough, Thrumpton and Whitwick, together with several of the local company and visitors from Ashby and Leicester. The Vicar, the Rev. A. C. Worman, conducted the service and 28 ringers and friends sat down afterwards to tea. Mr. C. Harrison, vice-president of the association, took the chair at the business meeting which followed.

An invitation to a joint meeting with the Burton and Derby Districts at Melbourne on June 17th was discussed, but the date was not convenient, and Ashby was suggested as a more suitable place for a meeting to be held early in August. Copt Oak was chosen for the next district meeting on July 8th.

The decentralisation of the association was again debated, and the reports from the various towers in the district, which had been sent a draft of the scheme and asked to discuss it, showed practically a unanimous opinion in its favour.

Mr. O. A. Over (Hugglescote) was elected a member of the association, and Messrs. J. H. Rudkin and A. James (Woodhouse) rejoined. Thanks were given to the Vicar and to the local members.

**DEVONSHIRE GUILD.**

**MEETING AT NEWTON ABBOT.**

The Mid-Devon Branch of the Devon Guild held a quarterly meeting at Newton Abbot on June 10th, when members and friends attended from Honiton Clyst, Exeter, Kenn, Dawlish, Newton Abbot, Paignton, Buckfastleigh and Plymouth.

During the afternoon touches of Grandsire and Stedman Triples, Plain Bob and Kent Treble Bob Major and rounds were rung on the bells of Highweek Church.

Tea was followed by the business meeting, presided over by the Rev. W. R. D. Mill (chairman), supported by Mr. A. L. Bennett (secretary). It was reported that the General Committee had decided to hold the annual general meeting at Exeter on August Bank Holiday if possible. An apology was received from Mr. A. Newman, of Dartmouth, who was indisposed. It was decided to hold the next meeting at Paignton on October 7th. The chairman welcomed the members of other branches and hoped that they would continue to support the branch. Thanks were given to the Rectors of Highweek and Wolborough for the use of their bells, to Mr. C. R. Walker and to the secretary. It was found necessary to cancel the visit to Wolborough Church in the evening.

## ENGLISH CHURCH ARCHITECTURE.

By MAJOR J. HOWARD FREEBORN, M.A.

(Continued from page 243.)

### THE NORMAN PERIOD (1066—1189).



FIG. 8.

Norman Enrichment. round-headed windows are narrow and deeply-splayed, and in the early phases are quite plain. Later, both door and window arches are elaborately decorated, especially the latter, which are adorned

The Normans were great builders but indifferent engineers; they relied upon massive walls and piers, and the round arch of the Romans. Their foundations were often so inadequate, and their towers so weighty, that the comparatively weak round arches supporting them gave way; which explains why so many Norman churches possess towers of a later age. The

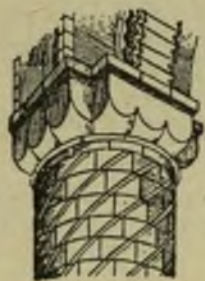


FIG. 9.

Norman Pillar and Capital.

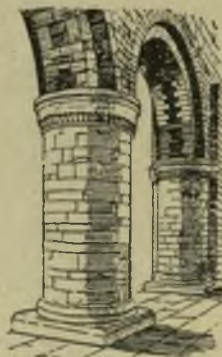


FIG. 10.

Norman Arcade.

with as many as five rings of ornament, each springing from a jamb-shaft. The popular enrichments are the zig-zag or chevron, billet, rosette and cable (Fig. 8).

The early capitals are of plain cushion type, later to be scalloped (Fig. 9), and in some cases, as at St. Peter's, Northampton, use is made of Classical detail. The piers are round, sometimes ornamented with designs chiselled *in situ*, as at Durham, with plain square base and abacus. The arcading is round-arched (Fig. 10), as are the triforium arches, which appear in a



FIG. 11.

Norman Vault.



FIG. 12.

Barrel Vault (Crypt).

variety of designs, with jamb-shafts and sub-arches. The Normans did not adopt the pointed arch until their day was nearly done; their vaulting was of barrel or semi-circular type (Fig. 11, Durham), which they did not dare to use for wide nave spans, and confined to the narrower aisles, except at Durham, whose builders were better

engineers than their contemporaries. Wall arcading, of intersecting arches, is a usual form of decoration in the more important churches (Fig. 13, West Door, Stewkley).

The buttresses were broad and shallow, for the thrust of the round vault was downwards and not outwards. There was often a corbel-table under the eaves and around the top of the tower, carrying the squat and solid parapet. Towers had small twin-shafted windows and plain pitched and gabled roofs, or a pyramid. Most of these towers which survive to-day have received a later upper storey or, at any rate, a later parapet. Many Nor-



FIG. 13.

Norman West Door and Wall Arcade.

man churches, also, have received later—and larger—windows, and new arcades; but the doorways, proving adequate for the needs of later generations, and being beautiful withal, have mercifully been spared. The smaller churches had a three-cell plan—the chancel, the nave, and the western tower—the larger churches were cruciform, and there was a general development of the plan later in the period. The Chancel was often apsidal, a legacy from the Continent, where nearly all east-ends were semi-circular or polygonal. Crypts became much less common, the best examples being at Lavingham, Rochester, Winchester, Canterbury (Fig. 12) and Gloucester.

Norman churches, typical of the best work, may be found at Adel, Christchurch, Hemel Hempstead, Iffley, Kilpeck, Melbourne, Northampton (St. Peter), Peterchurch, Romsey, Old Shoreham, Stewkley, and Walsoke. There is also the fine Norman tower at Bury St. Edmunds.

### GLOSSARY.

- ARCADE. A range of arches borne on columns or piers.
- AISLE. The bays on either side of nave, chancel or quire, separated therefrom by the arcades.
- BUTTRESS. Masonry projecting from external walls to add strength and resist the thrust of roofs.
- CHANCEL. The eastern limb of the parish church.
- CRUCIFORM. In the form of a cross; the plan of a church made by nave, chancel and transepts.
- CORBEL-TABLE. A range of corbels or brackets beneath a roof.
- JAMB-SHAFT. Slender columns at the side of a doorway or window.
- PARAPET. A low wall, solid, pierced and/or embattled, surrounding a roof.
- PIER. A vertical support, round or rectangular, stouter than a pillar.
- PILLAR. A straight-sided vertical support, slender in comparison to the superstructure.
- TRIFORIUM. The arcaded storey, usually blind, between the nave arcade and the clerestory of the greater churches.
- VAULTING. Any form of arched roofing, except the dome.
- WALL-ARCADING. A blind arcade used as a form of wall decoration.

(To be continued.)

OXHEY, HERTS.—On Tuesday, June 6th, 1,260 Boh Minor: \*E. Rosson 1, \*Miss T. Waldron 2, \*J. Cleaver 3, \*L. Tarr 4, \*J. Rosson 5, P. W. Brinklow (conductor) 6. \*First quarter-peal of Bob Minor.

## MISCELLANEOUS PERFORMANCES.

**HORNCHURCH, ESSEX.**—On Whit Sunday, a quarter-peal of Kent Treble Bob Major: G. L. Joyce 1, J. Carrott 2, J. G. Macdougall 3, E. Groves 4, J. Cornford (conductor) 5, E. M. Bailey (first quarter-peal of Major) 6, R. Stannard 7, F. Freestone 8.

**SANDAL.**—On Whit Sunday, a date touch, 1,944, consisting of 720 of Sandal Exercise, 720 Kingstone, 504 Oxford: H. Spencer 1, A. Lamb 2, J. W. Moxon 3, C. Netherwood 4, W. Womack 5, G. Cutt (conductor) 6.

**ALDBOURNE, WILTS.**—On Whit Sunday, 1,260 Grandsire Doubles: N. W. Hawkins 1, A. Adams 2, T. J. Palmer 3, T. A. Palmer (conductor) 4, G. G. Jerram 5, F. D. Jerram (first quarter-peal) 6.

**WILLESBOROUGH.**—On Whit Sunday, two 720's Bob Minor: M. Gillham, J. Ireland, R. Newton, M. Lancefield, W. Lancefield and E. S. Ruck.

**ST. ALBANS.**—On Whit Sunday, at St. Peter's, 1,260 Grandsire Triples: B. Johnson (first quarter-peal) 1, S. Jones 2, W. J. Southam 3, E. J. Gale 4, R. Dobson 5, R. Darvill (conductor) 6, A. Day 7, R. Smith 8.

**SCUNTHORPE, LINCS.**—On Whit Sunday, 1,260 Grandsire Triples: M. Lings 1, F. Lacey 2, \*Miss J. Lacey 3, J. Bray 4, †Rev. A. Muxlow 5, G. Hobbins 6, F. Lord (conductor) 7, †G. Thompson 8. \* First quarter-peal. † First quarter-peal in the method.

**LYTCHETT MATRAVERS, DORSET.**—On Whit Sunday, 1,260 Doubles in eight methods (240 each of Plain Bob and Antelope, 120 each of St. Simon, Reverse Canterbury, April Day, St. Dunstan's and London Singles and 180 of Grandsire, 11 callings in all): Miss V. Maberly 1, Miss P. Marsh 2, L. H. Pink 3, W. C. Shute 4, H. E. White (conductor) 5, G. Wareham 6.

**LEISTON.**—On Sunday, May 28th, 1,024 Kent Treble Bob Major: A. D. Wilson 1, C. Whiting 2, F. Youngman 3, H. J. Bulton 4, E. S. Bailey 5, J. G. Rumsey 6, L. P. Bailey 7, J. M. Bailey (conductor) 8.

**PETERBOROUGH.**—On Whit Sunday, 1,008 Grandsire Triples: T. Vaughan 1, S. Wright 2, \*C. Woods 3, W. H. Waldron 4, W. Cross 5, H. Goakes 6, W. Rose (conductor) 7, \*E. Warner 8. \* Longest length.

**EYTHORNE, KENT.**—On Friday, June 2nd, 1,260 Grandsire Doubles: Mrs. H. George (first quarter-peal) 1, C. George 2, C. Turner (conductor) 3, T. E. Ellender 4, Bernard Smith 5.

**LUTON, BEDS.**—On June 3rd, 1,260 Stedman Triples: A. Rushton 1, A. King 2, J. Herbert 3, A. Smith 4, H. Wood 5, R. Kendall 6. L. A. Goodenough (conductor) 7, D. Newman 8.

**STAVERTON.**—On Sunday, June 4th, 1,260 Grandsire Doubles: Miss N. Jackson (first quarter-peal) 1, Miss M. Clarke 2, D. C. Birkinshaw 3, Mrs. Powell 4, Rev. E. S. Powell (conductor) 5, H. Groom 6.

**SUDBURY, SUFFOLK.**—On Sunday, June 4th, at St. Gregory's, 784 Double Norwich Court Bob Major: S. Gridley 1, H. Herbert 2, T. Chinery 3, O. W. Clarke 4, A. Fitch 5, D. H. Elliot (conductor) 6, S. T. Howell 7, A. Haynes 8.

**DINDER.**—On Sunday, June 4th, a quarter-peal of Grandsire Doubles: H. Horler 1, P. Hull (conductor) 2, S. Vowles 3, F. Harvey (first quarter inside) 4, F. Bird 5, R. Morgan (first quarter-peal) 6.

**CUCKFIELD, SUSSEX.**—On Sunday, June 4th, 1,260 Grandsire Triples: F. F. Godsmark 1, G. Apps 2, C. Starley 3, F. Quickenden 4, G. Lewery 5, T. Gasson (conductor) 6, T. Mitchell 7, G. T. Gasson 8.

**NORTON-IN-THE-MOORS, STOKE-ON-TRENT.**—On June 4th, for morning service, 720 Cambridge Surprise: S. Bellinge 1, Andrew Shufflebotham 2, J. E. Wheeldon 3, S. Ryles 4, W. P. Deane (conductor) 5, J. Walley 6.—For evening service, 720 Biddulph Surprise: S. Bellinge 1, S. Ryles 2, J. E. Wheeldon 3, W. C. Lawrence 4, W. P. Deane (conductor) 5, J. Walley 6.

**DAYBROOK, NOTTINGHAM.**—On Sunday, June 4th, 1,260 Grandsire Triples: T. Groombridge jun. (conductor) 1, Mrs. R. A. Ward (first quarter-peal) 2, F. Bradley 3, P. E. Ball 4, R. A. Ward (first quarter away from the tenor) 5, H. Paling 6, J. A. Barratt 7, W. Perkins 8.

**BEXLEY, KENT.**—On Sunday, June 4th, 1,260 Grandsire Triples: Betty Frost 1, H. A. Holden 2, Audrey Holden 3, D. Hall 4, A. Ball 5, A. Hall 6, A. Williams (conductor) 7, D. Shepherd (first quarter-peal) 8. First quarter-peal by an entirely local band.

**SHIRLEY, BIRMINGHAM.**—On Sunday, June 4th, 720 Plain Bob Minor: Edward Leadsam (first 720) 1, Mrs. Kathleen Watts 2, Oscar Thomas (first 720 of Plain Bob 'inside') 3, Arthur D. Cook 4, Arthur Morris 5, V. A. Hemming 6.

**RICKINGHALL SUPERIOR, SUFFOLK.**—On Sunday, June 4th, 720 Kent Treble Bob Minor: F. Shemming 1, Barbara Hill (first in the method) 2, W. Goodson 3, A. E. Cook 4, L. Wright 5, J. Bailey (conductor) 6.

**BANSTEAD.**—On Sunday, June 4th, 1,260 Grandsire Triples: \*Jill Brittain 1, \*Margaret Pitslow (under 14) 2, \*D. N. Lavton 3, A. J. Cheesman 4, H. J. Smerdon 5, A. G. Oliver 6, H. N. Pitslow (conductor) 7, E. T. Woolloff 8. \* First quarter-peal.

**ASTON, BIRMINGHAM.**—On Sunday, June 4th, 1,287 Stedman Caters: W. Pettigrew 1, F. E. Havnes 2, H. C. Spencer 3, F. Price 4, A. Short (conductor) 5, W. Best 6, F. Rishworth 7, E. Franklin (first quarter-peal of Caters) 8, W. Davies 9, A. Inett 10.

**LONDON.**—On Sunday, June 11th, at St. Giles-in-the-Fields, 1,280 Bristol Surprise Major: W. Nudds 1, J. A. Trollope 2, Miss H. Oakshott 3, G. M. Kilby 4, C. T. Coles (conductor) 5, W. Hewitt 6, E. C. S. Turner 7, J. Bennett 8.

## NOTICES.

**THE CHARGE FOR ONE INSERTION** of a notice of a meeting is 2s. Other insertions are at the rate of 1s. each. Altered notices count as new notices.

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**NOTICES** must be received **NOT LATER THAN MONDAY.**

**HERTFORD COUNTY ASSOCIATION.**—St. Albans District.—The meeting arranged for June 1<sup>st</sup> at Wheathampstead is cancelled.—R. Darvill, Dis. Sec.

**YORKSHIRE ASSOCIATION.**—Southern District.—Joint meeting with Barnsley, Doncaster and Sheffield Societies at Ecclesfield, Saturday, June 17th, 3 p.m. to 10 p.m. Tea at Black Bull Hotel, 5 p.m. Business meetings follow tea.—Sidney F. Palmer, Acting Hon. Dis. Sec.

**MIDLAND COUNTIES ASSOCIATION.**—Derby, Burton and Loughborough Districts.—Meeting at Melbourne, June 17th. Bells (8) 3 p.m. Tea at Public Cafe 5 p.m. Important business.—W. Lancaster, J. Cotton and A. Rowley, Hon. Dis. Secs.

**OXFORD DIOCESAN GUILD.**—Newbury Branch.—Meeting at Compton (6 bells), Saturday, June 17th. Service 4.30 p.m. Tea 5 p.m.—T. J. Fisher, Hon. Sec., Arniston, Manor Lane, Newbury.

**ESSEX ASSOCIATION.**—South-Western Division.—Meeting at Epping, June 17th. Service 4.30. Tea and business meeting to follow.—J. H. Crampion, Hon. Sec., 14, Wellesley Road, Wanstead, E.11.

**ANCIENT SOCIETY OF COLLEGE YOUTHS.**—Meeting, Bell Foundry, Whitechapel, Saturday, June 17th, 3 p.m. Ringing, St. Dunstan's, Stepney. Sunday ringing, Stepney, June 18th, 9.30.—A. B. Peck, 1, Eversfield Road, Reigate.

**WORCESTERSHIRE AND DISTRICTS ASSOCIATION.**—Northern Branch.—Meeting, Hagley, Saturday, June 17th, 3 p.m. Service 4.15 p.m. Tea and business.—Bernard C. Ashford, Sec., Bowling Green Road, Stourbridge.

**LANCASHIRE ASSOCIATION.**—Furness and Lake District.—Practice meeting at St. Peter's R.C. Church, Lancaster (8 bells), Saturday, June 17th, 2.30 p.m.

**ESSEX ASSOCIATION.**—Northern Division.—Meeting at Black Notley, Saturday, June 24th. Service 4 p.m. Tea afterwards. Ringing at Braintree in the evening. Names by June 21st to H. A. Pratt, 6, Council Houses, Black Notley, near Braintree, Essex.—Hilda G. Snowden, Hon. Dis. Sec.

**MIDDLESEX COUNTY ASSOCIATION.**—North and East District.—Meeting at Harrow Weald, Saturday, June 24th, 2.30 p.m. Service 3.45 p.m. Tea 4.30 p.m. No. 114 bus from Edgware Tube Station to Brockhurst Corner.—T. J. Lock.

**SOCIETY FOR THE ARCHDEACONRY OF STAFFORD.**—Annual meeting at Walsall, Saturday, June 24th. Bells (12) 3 p.m. Service 4.15. Tea at 5, followed by general meeting. Names by June 20th.—H. Knight, 15, Rugby Street, Wolverhampton.

**WORCESTERSHIRE AND DISTRICTS ASSOCIATION.**—Meeting at Tewkesbury Abbey, Saturday, June 24th, 3 p.m.—7 p.m.

**PETERBOROUGH DIOCESAN GUILD.**—Northampton Branch.—Meeting at Cogenhoe on Saturday, June 24th, 3 p.m. Service 4.15 p.m. Cup of tea provided. Bring food.—R. S. Cowley, 83, Beech Avenue, Northampton.

**LANCASHIRE ASSOCIATION.**—Rochdale Branch.—Meeting at Oldham Parish Church (12 bells), Saturday, June 24th, 3 p.m. Business meeting 6.30 p.m.—I. Kay, Branch Sec.

**BATH AND WELLS ASSOCIATION.**—Axbridge Deanery.—Meeting at Burnham-on-Sea, Saturday, June 24th. Bells (8) 2.30 p.m. to 9 p.m. Service 4.30 p.m. Tea and business, Blue Bird Tea Rooms, 5 p.m.—E. J. Avery, Hon. Local Sec., Sandford, Bristol.

**LEEDS AND DISTRICT SOCIETY.**—Meeting at Idle, near Bradford, Saturday, June 24th, 3 p.m. Bring food, tea for drinking supplied. Business meeting in Schools.—H. Lofthouse, Hon. Sec., 8, Wortley Road, Leeds 12.

**LANCASHIRE ASSOCIATION.**—Rossendale Branch.—Meeting at Bacup (St. Saviour's), Saturday, June 24th, 3 p.m. Cups of tea only. Bring food.—H. Parkinson, Acting Branch Sec.

**OXFORD DIOCESAN GUILD.**—E. Berks and S. Bucks Branch.—Meeting at Hughenden, Saturday, June 24th, 3 p.m. Service 4.30. Tea 5.15. Names by June 19th.—A. D. Barker, Cambridge, Wexham, Slough, Bucks.

**SURREY ASSOCIATION.**—North-Western District.—Meeting at Hershams, Saturday, June 24th, 5.30. Service 5.30, followed by tea and meeting in Church Hall. Names for tea to Mr. W. Simmonds, 33, Burwood Close, Hershams, by Wednesday, June 21st.—D. Cooper, Hon. Dis. Sec.

**ELY DIOCESAN ASSOCIATION.**—Wisbech Branch.—Meeting at Terrington St. John, Saturday, June 24th. Bells (6) 3 p.m. Service 4.30. Tea at 5. Bring food.—W. W. Cousins, Terrington St. John, Wisbech.

**SUFFOLK GUILD.**—Practice at Helmingham and Framsden, Saturday, June 24th, 2.30 p.m. Tea at Framsden Greyhound at 5.—T. W. Last, Helmingham.

**OXFORD DIOCESAN GUILD.**—Oxford City Branch.—Half-yearly meeting at Marston, Saturday, June 24th, 2.30 p.m. Service 3.30 p.m. Tea afterwards. Headington, ringing, 6 p.m. Names by June 20th.—M. R. Cross, The School House, Radley, Abingdon.

**HERTFORD COUNTY ASSOCIATION.**—Northern District.—Meeting at Great Wymondley, June 24th. Bells (6) 3 p.m. No teas.—A. E. Symonds, The Cottage, Windmill Hill, Hitchin.

**DURHAM AND NEWCASTLE DIOCESAN ASSOCIATION.**—Eastern District.—Meeting at Houghton-le-Spring Parish Church (8 bells), Saturday, June 24th, 2.30 p.m. Cups of tea provided.—Frank Ainsley, 30, Aysgarth Avenue, Grangetown, Sunderland.

**GLOUCESTER AND BRISTOL ASSOCIATION.**—Bristol Rural.—Meeting at Marshfield, Saturday, June 24th. Bells (8) 3 p.m. Service 4.30. Tea and meeting to follow. Advise for tea.—R. C. Gifford, Branch Hon. Sec., Diamond Jubilee, Short Hill Road, Westerleigh, Bristol.

**MIDLAND COUNTIES ASSOCIATION.**—Burton District.—Meeting at Netherseale, Saturday, June 24th. Bells (8) 3.30. Cups of tea provided. Bring food.—J. W. Cotton, Hon. Sec., Overseal.

**DONCASTER AND DISTRICT SOCIETY.**—Meeting at Campsall, June 24th, 3 p.m. Bring food. Cups of tea provided at 3d. per head.—W. E. Lloyd, Sec.

**SUSSEX COUNTY ASSOCIATION.**—Southern Division.—Meeting at Uckfield, Saturday, July 1st, 2.30 p.m. Service 4.30 p.m. Tea 5 p.m. Names to Mrs. E. L. Hairs, The Oaks, Theobolds Road, Burgess Hill, by June 27th.

**SOCIETY OF ROYAL CUMBERLAND YOUTHS.**—A meeting will be held at Kingston-on-Thames, July 1st. Further details later.

**MIDLAND COUNTIES ASSOCIATION.**—Nottingham District.—Meeting at Bingham, Saturday, July 1st, 2.30. Tea at 5. Names by Monday, June 26th.—T. Groombridge, Jun., Hon. Dis. Sec., 74, Dornoch Avenue, Sherwood, Nottingham.

**ST. MARTIN'S GUILD, BIRMINGHAM.**—Meeting at King's Norton Parish Church, Saturday, July 1st. Business meeting at 3.30. Tea 4.15. Bells 5. Names to Mr. W. B. Cartwright, 115, Westhill Road, King's Norton, Birmingham 30, by June 28th.—T. H. Reeves, Hon. Sec.

### DEATH.

**GILBERT.**—On Thursday, June 8th, at the Grange Loan Hospital, Edinburgh, at the early age of 20, from injuries, Captain Eric George Gilbert, R.E.M.E. (eldest son of George Gilbert, Burnham, Bucks, and Mrs. G. Gilbert, Rainham, Kent). 'He did what was asked of him.'

### SALISBURY DIOCESAN GUILD.

#### MEETING AT WARMINSTER.

A meeting of the Devizes Branch of the Salisbury Diocesan Guild, held at St. Denys' Church, Warminster, on June 3rd, was attended by 30 members from the towers of Warminster, Melksham, Trowbridge, Westbury, North Bradley, Keevil, Longbridge Deverell, Bishops Cannings, Devizes (St. John's and St. Mary's) and Southbroom, in addition to visitors from Salisbury, Welton, Frome, Hitchin and Southampton.

Service was conducted by the Vicar, the Rev. C. T. Coulston, who gave an address and welcomed the ringers. Tea was in the school-room, and the business meeting which followed was presided over by Mr. E. F. White, the branch chairman. The methods rung during the afternoon and evening were Grandsire, Stedman, Bob Major and rounds.

**SHOREDITCH, LONDON.**—On Sunday, June 11th, at the Church of St. Leonard, 1,259 Grandsire Caters: H. E. Audsley 1, \*D. L. Hall 2, \*R. A. Constant 3, \*J. Wheadon 4, A. J. Hughes 5, \*N. Summerhayes 6, \*R. Wake 7, N. Chaddock 8, J. E. Bailey (conductor) 9, H. Hovard 10. \* First quarter-peal of Caters. First quarter of Caters as conductor.

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