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Spence Bate Su; F. RS. With the Author's Kink regards.

## A GROUP OF CUMBRIAN MEGALITHS.

## BY C. W. DYMOND, ESQ.

"These antiquities are so exceedingly old that no bookes doe reach them, sc. that there is no way to retrive them but by comparative antiquitie, which I have writt upon the spott from the monuments themselves."—JOHN AUBREY.

THE four plans<sup>1</sup> which illustrate this short paper have been selected for publication as representing the most important megalithic antiquities in the county, and as the only ones connected with that part of England in my possession which have been accurately surveyed. At the same time, they are remarkable as exhibiting most of the distinctive peculiarities which characterise various classes of these remains in Britain. For instance, we have—1st, a fine specimen—taking rank as the fourth in England-of the great stone-circle, with the added feature of a gateway or rudimentary avenue, and an external mênhir; 2nd, an excellent example of the smaller circle, with stones in close order, and with a perfect entrance gateway; 3rd, an instance of a circle, partly in open and partly in close order, with some sepulchral indications, and with an inclosed chamber on the eastern side; 4th, a typical specimen of an irregularly inclosed cemetery, with no marked peripheral feature.

To the memoranda written on the plans I will add the following particulars :---

LONG MEG AND HER DAUGHTERS.—The earliest published account of these remains is that of Camden, who made a survey of Cumberland in 1599. He says :—

"At Little Salkeld there is a circle of stones, seventy-seven in number, each ten foot high: and before these, at the entrance, is a single one by itself, fifteen foot high. This the common people call *Long Megg*, and the rest *her daughters*: and within the circle are two heaps of stones, under which they say there are dead bodies bury'd."

A little later we find Aubrey writing of the same at about the middle of the seventeenth century. His information,

<sup>1</sup> Of Long Meg and her Daughters, the circles at Swinside and Keswick, and the principal circle on Eskdale Moor.

he says, was derived "from Mr. Hugh Tod, Fellow of University College in Oxford, a Westmorland man," and runs thus :—

"In little Salkeld in Westmorland are stones in an orbicular figure about seventie in number which are called Long Meg and her daughters, Long Meg is about ..... yards : and about fifteen yards distant from the rest." And, in a note, he adds : "Quære Mr. Robinson the minister there, about the Giants bone, and Body found there. The Body is in the middle of the orbicular stones."<sup>1</sup>

The same writer has the following, which can hardly have referred to anything but the same object of antiquity, whose distance from Kirk Oswald is only about three miles; though, if it be a description of this circle, most of the particulars are greatly exaggerated :—

"From S<sup>r</sup> Will. Dugdale Clarenceaux : but 'tis not entred in his Visitation of Cumberland ; but was forgot by his servant." "In Cumberland neer Kirk-Oswald is a Circle of stones of about two hundred in number, of severall Tunnes. The Diameter of this Circle is about the diameter (he guesses) of the Thames from the Heralds-Office, which by Mr. J. Ogilby's Mappe of London is [880] foot. In the middle are two Tumuli, or Barrowes of Cobble-stones, nine or ten foot high."<sup>2</sup>

If this be a description of the circle in question, we must reduce the diameter from that guessed at 880 ft. (I have supplied the hiatus by measuring on a modern plan of London) to the real, average one of 332 ft.; and, if the alleged number of stones (200) be reduced in the same proportion, we shall have 75, which agrees very closely with the evidently much more accurate account in the former description, that the number of stones was about 70. The statement as to the two tumuli or barrows seems to harmonize with the report about the giant's bone and body, and also with what is stated by Camden.

All traces of these two cairns have long since been obliterated by cultivation. The number of stones is now 69, exclusive of several rather large fragments lying by the roadside; so that it looks as though but few, if any, have been entirely removed since Aubrey's date. At the same time, there can be no doubt, after reports which I heard on the spot as to the depredations of former occupiers of the ground, that the sizes of many of the stones must have been

<sup>1</sup> From Part I, Monumenta Britannica, MS., in the Bodleian, a copy from which has been kindly lent me by our associate, Mr. Long.

<sup>2</sup> Ibid.



## SIZES OF I

000

NT		BROAD FE INS			-	BROAD FE ING	
1	6.4	4.11	2.6	8	5.4	5.1	3.
2	7.4	8.8	5.6	9	3.11	3.1	3.1
3	2 10	4.10	4.3	10	3.3	5.9	5.:
+	5.2	5 10	2.9	11	57	50	5.1
5	6.10	1.5	5.11	12	2.10	6.5	4.0
6	+6	5.5	3.+	13	6.9	8.8	5.
7	5.5	5.10	3.9	1+	+.5	5.5	3

## PLAN

OFA

## STONE CIRCLE AND MENHIR,

CALLED

## "LONG MEG AND HER DAUCHTERS,"

NEAR

## LITTLE SALKELD,

## CUMBERLAND.

## MEMORANDA.

This Plan is plotted from an accurate instrumental survey. The magnetic bearings were taken with a prismatic - compass. The local deviation of the needle was ascertained to be 23% W.

Those stones which remain frect are filled in with black on the plan : prostrate ones are stippled and line-shaded. These latter have generally been sodislocated, and, for many years, have been subjected to so much destructive violence, - having, until a comparatively recent period, been wantonly broken - up for walling and road - materials, - that it is seldom possible, in the case of any prostrate stone, to say with any degree of assurance which was the base, and where it stood; but whenever this can be conjectured, it is indicated by a small cross.

The open road which intersects the eastern half of the peristalith was formerly bounded on the west side by a hedge, - since grubbed-up, - on the site of which lie two or three large fragments of the stones of the original work. These, being evidently at some distance from their original place, are not shewn upon the plan.

The number of stones that remain, including Tiong Meg, but not including the small stone in front of No 4, or the fragments by the road side, is 69, of which 27 are erect\_ Dia: North and South , 305 few

a .. . . . .

0

LONG MEG

SCALE

30

SCALE OF ORIGINAL

Surveyed by C.W.Dym

## STONES.

100							THICK 77 188
14	16.0	5.0	4.0	21	8.0	6.0	4.6
4	1.6	6.6	3.6	22	5.6	70	5.3
1	4.6	6.+	2.2	23	5.9	7.5	4.8
8	13.3	6.0	5.0	24	3.6	+.+	3.0
4	11.10	4.10	+6	25		8.8	3.8
14	1.8	6.11	33	26	5.5	3.6	2.6
24	10000	a Barris	1212	100	100.000	1000	

0

E

VIEW OF LONG MEG. (LOOKING S.W.) FROM A SKETCH.

## MEMORANDA.

A gateway or rudimentary avenue interrupts the peristalith in the direction of the menhir. This last is a monolith of hard red sandstone which, it is believed, was brought either from the banks of the Eden, 12 m. N.W. or from Leazonby Fell, on the farther side of the river, in the same direction. All the other stones are of a very hard porphyritic nature. The rock of the site is a red sandstone of the Permian group; but small stones of, apparently, the same kind as those used in the circle, are found almost everywhere on the surface, and are both built extensively into the walls, and used for repairing the roads over a large area in the locality. Traces remain of a ring-embankment, from 10 to 14

wide, and now, at the most, a few inches high, forming the seat of the circle, especially of the western half. These Remains stand on nearly the highest part of a plateau, elevated about 550 feet above the surrounding valleys. The site dips from Long Meg, which is erected at the highest part, toward stone Nº1, where the ground is about 201' lower\_\_\_\_\_

Overhangs are shown in unshaded outline. The dot ted lines indicate, approximately, the buried portions. Abt 638 y 4, N.,63°E., from the centre of this circle is a cist inclosed in a ring of 11 stones, formerly cord with a mound.

ast and West , 360 feet.

10

1.5.

C.E., 21st Septs, 1875.

INCH = SO FEET

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# A STONE CIRCLE NEAR KESWICK, CUMBERLAND

# MEMORANDA.

northern and at a flat ridge, 12 m. E. from Keswick, 706 Pabore al survey. The magnetic bearings were carefully taken with a the sea , and in the midst of an amphitheatry of mountains. M These Remains are situated on a nearly level site, at the N Vaddle beck flows N. through an adjoining valley, 2 M. E. of the This Plan has been plotted from an accurate instrument-Circle; and the river Givta washes the loot of the ridge on the N. prismatic compass. Ascertained local deviation, 23 to W ... and N. W. Sides at a distance of from 2 M to 3 M.

erect, or which have only declined somewhat from the perpend. is exposed , and is shewn in the Plan. Those stones which are x icular, are filled - in with black, the overhangs being shewn in outline. Prostrate stones are stippled and line-shaded. In one or two cases - as, 4.g., Not 25 and 27 - there may be some room for doubt as to whether the stones are in situ or have been overthrown but as appearances are in favor of the former, they are so The stones are set in a ring-bed of small rubble, some of which

z

# MEMORANDA.

stones, 33 of these being erect, and 5 prostrute : the rectangular inclosure is fenced by 10stones, 8 erect, and 2 prostrate A All the stones appear to be of metamorphic state from the xx rocks of the locality. Portions of some of them exhibit both a represented. Thus arranged, the peristalith now consists of 38 Disregarding small fragments, the total number of stones now remaining is 48. Nº 49 is the bed of a removed stone. grith and a granitoid structure.

The peristalith is ranged on an irregular oral, or rather Within the area of the peristalith is a shallow circular trench. 96 feet 8 inches. The clear area of the inclosed rectangupear shaped figure, the longest diameter of which, from centre to centre of the stones, is that measuring 107 feet N. and S. between Nos 38 and 21, and the shortest , that lying E. and W. between Nov II and 30, and measuring 13 P in diameter, probably the remains of a barrow. lurchamber measures 22 feet × 11 feet.



	2 S	NO HEIGHT LENGTH BREAMIN THIEN- FFINE FFINE SFINE FINE FINE 25 2.55.5 2.3	FLINT	BREADTH FT ONE	THICH- HESS. FI INT
	26	7.6	1		4.5
45.	37	5.3	;	6.3	3.8
	38	+ 0	1	2.11	64 69
	5,0	4.4	1	3.9	3.1
as .	30	2.11	1	3.1	60 53
32	31	3.8	1	5.4	2.11
8	33	2.10	1	3.10	2.8
	1	• •			

SIZES OF STONES.







greatly reduced ; and, probably, some have been overthrown in comparatively recent times. Among the largest of the prostrate stones there are two measuring respectively 10 ft. by 8 ft. 8 ins., and 9 ft. 11 ins. by 8 ft. 6 ins. A sufficient number remain erect to show that this peristalith was an irregular oval, the departure from continuity being very manifest on the northern side, especially about the stones numbered 24, 25, and 26. It may, however, be well to note here that No. 25 is so much inclined as to make it difficult to decide whether it should be called prostrate or erect; and, thus, it may possibly not be in situ; though, even with this angle removed. No. 24 is still considerably out of the line of the curve. For the information of those who set a high value on such facts, it may be well to mention that the eastern face of Long Meg-the only one that is distinctly flatpoints  $26\frac{1}{2}^{\circ}$  W. of N. The spacing of the stones seems to be a mean between the open order and the close; and, if we supply seven evident gaps with one stone each, we shall obtain an average distance, from centre to centre of the successive stones, of a little over 14 ft. As to the aspect of the gateway, it points nearly S.W., and slightly up-hill, in contrast to the majority of examples which I have examined, and which usually look toward a valley with a stream.

SWINSIDE CIRCLE.—This is a very good example of a circle built in close order, for it is probable that, when perfect, all the stones nearly touched one another. The gateway points slightly down-hill. But few of the stones seem to have been removed—probably because plenty of materials for walling and road mending could be collected from the neighbouring hill-side. It is curious that a rowan tree has sprung up in a rift in stone No. 2, which has been rent asunder by its growth. The occurrence of such a tree in such a place has been seized upon by the advocates of the Druid-theory, who view it as a veritable relic of the cult which they associate with these structures. The falling of all the stones but one (and that a doubtful one) inward is a rather singular circumstance, for which I do not quite know how to account.

KESWICK CIRCLE.—It has generally been the fashion to class this with the temples of the prehistoric ages. The magnificence of its site, and the existence of a rectangular inclosure on the eastern side,—which has been thought to 1878 be an *adytum*, foreshadowing the chancel of the Christian church,-have lent strength to the idea. In the present crude state of our knowledge on this subject, it is, however, better to refrain from using any technical terms which involve the advocacy of premature theories, and to confine ourselves to such as are simply descriptive of that which meets the eye. Nothing now remains to show for what purpose this chamber was constructed. If it once contained a barrow, it is singular that all traces of this should have disappeared, while the shallow trench of what appears to have been another barrow still remains within the circle. Had there been no such indications existing in the second case, it might, with more show of reason, have been conjectured that barrows might have occupied any part of the area, and that they have since vanished. The existence, however, of the relics of this one barrow (if such they are), while giving to this circle a quasi sepulchral character, affords an argument rather against than in favour of the former existence of others.

I have described the principal features of this peristalith on the plan; and therefore proceed to notice here one or two which involve the element of speculation. On reference to the plan, it will be observed that the circumscribed area narrows up toward the north, and there, exactly bisected by the meridian of its centre, occurs an opening, nearly 11 ft. wide, flanked by two fine stones, set, with the smaller ones which adjoin them, in a peculiarly symmetrical position. This gives it the appearance of having been intended for a gateway. As possibly throwing light upon this point, it is noteworthy that the very remarkable, but little known, compound circle at Gunnerskeld, near Shap, which consists of two concentric rings of prostrate stones-giving the impression that they were never erect—is also, at the north point, distinguished by a *pylon* formed by a pair of very fine monoliths-the only standing stones of any consequence in the work. This gateway looks out along the low flat ridge on which the circle is found, parallel to the stream which flows north, hard by on the eastern side. Returning to our plan, and noticing the transverse position of stone No. 26, the question arises, May not this also have been one jamb of a gateway of which the other may have been stone No. 27 (if that has fallen), or, more probably, a missing one between Nos. 26 and 25? Its position, as to the points of the com-





Photo Lithographed & Printed by James Akerman, 6, Queen Square, W.C. which the surface dips, at first very gently, toward tion from exact regularity - vanged on a stream which flows S.E., at the distance of a the circumterence of a circle, 92 I' diam. Stone, Nº 2, has been vent by a Ronag-tree The stones, which consist of a perphyrid neighboring hill stopes. They are founded in a seating of small rammed stones which pasture, at the foot of a mountain - spur from quarter of a mile from the circle. The view from Grey Cobbles" and were furnished by the ic slute, are of a kind locally known as across the floor of the gateway, but is not These Remains are situated in un elevated. extends around the whole of the ring, and REIGNT LENGTHANLADIN 7.9 4.0 5.0 + 0 4.0 6.6 4.4 2.9 2.9 SILES OF PRINCIPAL STONES MEMORANDA. 5.0 which has grown through it ... raised into an embankment. 7.6 1 5.7 6.6 1 the spot is not extensive .-Î +1 2 Nº NEIGHTLENCTHAREADTH Nº 0 10 23 11 6.10 3.9 6.5 3.6 2.0 6.0 RE 1 14 6.9 4.5 8.0 5.4 FT 111 PT INE 6.0 1 1 1 1 1 5 -\* 0 -2 Surveyed by C.W. Dymond, C.E., in April, 1872. Revised and redrawn, 13th October, 1877. Diameter of average virele = 92 feet SCALE OF ORIGINAL PLAN, I INCH- 20 FEET 99 40 SCALE OF FEET. 30 20 z 5 3 -SWINSIDE, NEAR BROUGHTON, West of Nº 9 are the stats of two more stand Net I and 14. all of these leave fallen inward. If the leaning stones were restored to their evident than it is now, that the members of Erect stones are filled in with black: prostrate ones are stippled and line-shaded. Overhangs of which 32 are still standing, I though seve-The number of stones now remaining is 55,ral of these have declined considerably from the upright.) and 23 are prestrate. With the original upright position, it would be nove the peristalith were - with some little deviadoubtful exception of the fruguient between CUMBERLAND. STONE - CIRCLE ≥ Viation of the needle was found to be 232W. This Plan has been plotted from a cureful instrumental survey. The local deare represented by unshaded outline .-F V 4 which have been removed .--MEMORANDA.

SCALE OF FEET



pass, would be almost identical with that of the gateway of the Swinside circle. A slight peculiarity, common to both the circles at Keswick and at Long Meg, may be noticed in the breach of continuity made by No. 49 (missing stone) of the former, and No. 25 of the latter—each at about the same part of the circumference.

ESKDALE CIRCLE.—This, though the finest, is only one of several similar remains on the same moor. About one hundred yards W. are two smaller rings in an imperfect state, each about 50 ft. in diameter, and each inclosing one barrow. A quarter of a mile W.N.W. on Low Longrigg are two others; one apparently perfect, about 50 ft. in diameter, consisting of nine stones, and inclosing one barrow; the other imperfect, with diameters of about 75 ft. and 65 ft., and inclosing two barrows. A number of ancient "dykes", each consisting of a slight ditch and embankment, intersect the moor near these remains. An imaginary plan of this circle appears in Dr. Fergusson's Rude Stone Structures. In addition to a conventional representation of the existing stones, it shows an outer concentric circle of megaliths, fourteen in number, and an inner, nearly rectangular inclosure fencing-in the eastern barrow. There is no evidence on the ground to show that such an outer ring ever existed; nor is it likely that, placed as these remains are, out of the way of risks of molestation, such evidences, if there were any, would have disappeared. One small erect stone stands as an outlier to the N.W.; and three or four others, equally small, lie prostrate on the surface, or partly sunk into the ground, on the N., E., W., and S.E. sides. That is all. Not the slightest trace of a barrow-inclosure can be found, though I carefully sought for it by probing. The eastern barrow was being opened at the time of my first visit in 1866, though the exploring party were not then on the spot.

Now I think a comparison of the four examples herein described will lead to the conviction that, though they have an outward similarity of arrangement, they may not all have been devoted to the same purposes. The character of the last mentioned is, I think, purely sepulchral. There is a careless irregularity in the ranging of the peripheral stones, which gives the impression of being sufficient for purposes of separation, while little congruous with the dignity of a structure intended for ceremonial uses. Much of the area is occupied by the barrows; while, hard by, we find four other similar inclosures, also devoted to sepulture. Who can resist the conviction that, in this case, but one end was to be answered—that of consecrated interment?

There is, I believe, no record of any barrow having been observed within or near the Swinside circle. The ruins are those of a bold and carefully constructed peristalith. The stones were ranged nearly on a true circle, well founded on a dry site in a rammed stone bed, and placed, for the most part, in juxtaposition-often, indeed, so close that it is possible there would have been no convenient access to the interior, except through the gateway. Hence, in this case, a necessity for this feature, which evidently was considered an important one, and must have been designed to give ceremonial access to the sacred inclosure. Perhaps this is one of the best examples we have of a structure which, according to our ideas, would be eminently suited to be a hypæthral temple; and I suggest that, in the absence of evidence to the contrary, this may have been the chief purpose for which the Swinside circle was erected.

The importance of a gateway is much enhanced when we find it, either in its simple form, a characteristic feature of an open stone peristalith, as in the case of Long Meg, or extended into a short avenue, as at Stanton Drew, or into a long one, as at Callernish, and in other English and continental examples. In all these, the inference is irresistible, that the recognised mode of entering and issuing from these inclosures-which were open on every side--was by the prescribed avenue; and hence we arrive, by an easy step, at the conclusion that processional services were a common feature of their use. Whether these were connected with religious, political, judicial, or sepulchral objects, or with all of them, we know far too little of the customs of our remote ancestors to decide. Suffice it for the present, then, to say that, for anything we know to the contrary, some of these structures may have been temples, primarily; courts of judicature, secondarily; sometimes memorial buildings, thirdly; and, thus consecrated, the great may have sought to take their last sleep around, and even within their pale, as, in later times the remains of the departed came to be laid in the church-yard; and, in special instances, within the walls of the building itself.