



HISTORIC
ENVIRONMENT
SCOTLAND

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STATEMENT OF SIGNIFICANCE

ACHNABRECK CUP AND RING MARKS



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HISTORIC ENVIRONMENT SCOTLAND STATEMENT OF SIGNIFICANCE

ACHNABRECK CUP AND RING MARKS

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1 Summary

1.1 Introduction

Mid Argyll's rock art stands as one of Europe's finest groups of prehistoric monuments. The concentration is unparalleled in Britain. Achnabreck is the most important site in the area by virtue of its size and complexity.

Cup and ring marked rocks are also known as rock carvings and rock art, the latter being the term currently used by rock art researchers.

The Achnabreck Rock Art site consists of two groups of well preserved, decorated rock outcrops containing a wide variety of motifs, some of which are unusual.

Rock art can be defined as the creation of abstract motifs and designs which are pecked into earthfast bedrock, and less frequently, boulders, mostly on gently sloping faces. Rock art (possibly re-used) also appears on elements or components of monuments. It is part of a tradition distributed across Northern and Western Britain down the Atlantic seaboard into France, Spain and Portugal.

Research including excavation over the last 20 years on rock art as a monument type has examined the importance of landscape setting and relationships to other monuments. Although the abstract nature of the motifs challenges any interpretation of their meaning, this work has helped to open a more nuanced debate around chronology, methods of recording, as well as an understanding of the way in which these sites might have held meaning in the past.

Recent work on dating rock art sites points to them being late Neolithic, between 3000 and 2500 BC (Sheridan 2012: 171), although it should be noted that only relatively few carbon dates are available.

1.2 Statement of significance

- The Achnabreck rock art site is the most complex in Scotland (RCAHMS 1988: 87).
- The site has an innate aesthetic appeal best viewed as a visual whole.
- The Achnabreck rock art site, situated as it is in one of Europe's most important prehistoric landscapes, has great landscape value in its own right, but also when viewed in the context of all the other monuments. Research over the last 20 years has brought forth an understanding of rock art as being part of the way in which prehistoric people perceived and actively created both their physical and spiritual/cosmological world.

- The Achnabreck rock art site is thought to contain a sequence of carvings with some being more weathered and overlain with other carvings (RCAHMS 1988: 87).
- The site contains particularly significant motifs - 2 double spirals and 1 triple spiral motifs, and uncupped rings which are thought to be linked to Irish Passage-grave Art, which is dated to the beginning of the 3rd millennium BC (RCAHMS 1999: 8), thus this site may be important in establishing the nature of links between Mid Argyll and Ireland in prehistory.
- A large percentage of tourists to the area cite the archaeological monuments and Kilmartin Museum as a reason for visiting. Cultural tourism is one of the region's largest economic drivers.
- Most researchers' interpretations of the ways in which rock art is significant involve a level of spiritual value being placed upon these sites. Rock art sites are part of a suite of expressions of cosmological concerns evident throughout the Neolithic, Chalcolithic and Bronze Age.

2 Assessment of values

2.1 Background

Overview of Prehistoric Kilmartin Glen

Kilmartin Glen has a wealth of upstanding Prehistoric monuments (RCAHMS 1988), including burial cairns, a linear cairn cemetery, stone circles, standing stones, stone rows, and numerous rock art sites. It is one of Scotland's most important archaeological landscapes. These prominent monuments have attracted antiquarian and archaeological interest since the early 1900s and a wealth of important artefacts have been found as a result of that work.

Survey and recording of much of the Mid Argyll landscape was undertaken by local antiquarian Marion Campbell of Kilberry and her companion Mary Sandeman in the 1960s. In more recent decades, the work of Kilmartin Museum, developer funded and academic archaeologists have discovered many other monuments, subsoil features and artefacts. In addition, members of the public have also found artefacts by chance. All this knowledge has significantly contributed to the understanding of Kilmartin Glen and the surrounding areas, firmly establishing the Glen as one of Britain's most significant archaeological landscapes.

The dramatic topography of the Glen and surrounding landscape lent itself to the creation of a ritual and ceremonial landscape in Prehistory. Most of the Neolithic, Chalcolithic and Early and Middle Bronze Age monuments are of a ceremonial or funerary nature. The earliest evidence of settlement in the Glen dates to the later Bronze Age, leading some to speculate that the area was used solely for ritual purposes. No systematic survey or excavation programme has been undertaken across the whole Glen landscape however.

Therefore the archaeological record is likely to be biased towards large and upstanding monuments than more ephemeral subsoil features and it is entirely possible that people were living in the Glen in earlier prehistoric periods as well as utilising it as a ritual landscape, but we simply haven't yet found the evidence for this.

Archaeological overview of rock art

Rock art can be defined as the creation of abstract motifs and designs which are pecked into both earthfast bedrock, and less frequently, boulders and on elements or components of monuments using a harder stone than the rock face being carved.

It is part of a tradition of art which is distributed across Scotland, (from Orkney to Dumfries and Galloway), Northern England (Northumbria, Durham, Cumbria, the Peak District,) Wales, Ireland and down the Atlantic seaboard into France, Spain and Portugal (Bradley 1997, Sheridan 2012). In addition, Scandinavia has a strong rock art tradition, albeit with a very different motif palate.

Kilmartin Glen and the surrounding area has the highest concentration of rock art of anywhere in the British Isles as well as some of the most impressive sites (Bradley 1997, Beckensall, 2005, Jones et al 2011, Webb, 2012). There are over 100 known earthfast sites in the Kilmartin and Kilmichael Glassary parishes ranging from a single cup marked rock to highly decorated panels. Major sites in the areas include **Achnabreck, Cairnbaan, Kilmichael Glassary, Baluachraig, Ballygowan**, (all of which are Properties in Care), Ardifuir, Glasvar, Leckuary, Ormaig and Potalloch.

A large number of the monuments in the area are also decorated with rock art including some of the standing stones at Ballymeanoch, at **Lady Glassary**, at Torbhlaren. The **Temple Wood** stone circle and also structural elements of **Ri Cruin** and **Nether Largie North** cairn (burial cairns in the linear cemetery) also have decorated elements. As Stevenson has noted, this tradition of decorating monuments makes the region a key area for the study of rock art (Stevenson 1997).

Summary of the history of rock art research

Although early antiquarians and travellers to the West Highlands were interested in some of the area's prehistoric monuments, rock art received little attention. There is no mention of it in the Statistical Accounts of 1793 or 1845, although other monuments receive comment (Statistical Account 1793 and 1845, NLS online). The first description of Argyll's rock art appears in Archibald Currie's 1830 account of the antiquities of the area, which mentions the Cairnbaan rock art site (Currie 1830). 35 years later, Sir James Young Simpson's paper speculated on the meaning of this phenomena across Scotland, illustrating for the first time in a published account, cup and ring marked standing stones in Kilmartin Glen and the Achnabreck rock art site (Simpson, 1864). Morris reports that the Kilmichael Glassary Rock Art site was first noted by Miss C S Campbell in 1900 (Morris, 1977:100). Christison's

account of standing stones and cup marked rocks in Argyll published in 1903 records a variety of Argyll monuments and contains detailed illustrations of a number of sites including the Kilmichael Glassary Rock Art (Christison 1903).

The discovery and recording of rock art sites in Britain remained until relatively recently, largely the preserve of non-professional archaeologists. Of note in Mid Argyll are Marion Campbell and Mary Sandeman, (Campbell and Sandeman 1962) who recorded many sites and monuments including rock art sites. Other extremely important contributions by non-professional archaeologists have been made by Ronald Morris (Morris 1977) and Stan Beckensall (Beckensall 2005).

Professional archaeological contributions have been made by RCAHMS (RCAHMS 1988), who have discovered and recorded sites, using sophisticated drawing techniques to produce some of the most detailed records in the area. RCAHMS also note there are significant challenges in recording rock art (Stevenson 1997:97).

In addition to this, Kilmartin Museum have undertaken systematic field survey over discrete areas of ground, mostly upland farms surrounding the main centre of Kilmartin Glen and neighbouring Kilmichael Glen, work which has revealed 34 never before recorded sites.

There are just over 200 known rock art sites on earthfast rocks and boulders in Mid Argyll, as recorded on Canmore (February 2018).

Interpretation of rock art

The meaning, context and understanding of the phenomena of British Rock art received little consideration in academic circles until the 1990's. Richard Bradley's seminal work on the landscape setting of rock art sites and how these carvings related to other monuments has sparked a more nuanced debate, and allowed the question of meaning to be approached (Bradley 1997).

The abstract nature of the motifs make them very difficult to 'read' and it has been suggested that this challenge is one reason why the question of meaning was ignored for so long (Mazel, Nash and Waddington 1997). Since Bradley's work, an interest in rock art has grown amongst academics, heritage managers, non-professional and professional archaeologists and the general public.

Research has helped to open debate around chronology, methods of recording, as well as an understanding of the way in which these sites might have held meaning in the past. The wide geographic spread of similar motifs has been noted by many researchers as extraordinary and an indication of wide ranging connections, and the possibility of long distance travel (Bradley, 1997, Mazel, Nash and Waddington, 1997, Jones, 2011, Sheridan, 2017). In Mid Argyll, excavations at Ormaig (Ellis and Webb 2007), and Torbhlaren Rock Art sites (Jones et. al, 2011) have contributed to a more nuanced

understanding of context and landscape setting. Importantly, "...while we may never understand *what* these motifs mean, we are potentially able to understand *how* they have meaning, to understand what makes rock art significant" (Jones 2011 (b):7), an acceptance of limitation that has nonetheless not constrained the need for comprehension.

Dating of rock art

Although based on small sample sizes, archaeologists are beginning to gain an understanding of the dating of rock art as being related to the Neolithic period (Mazel, Nash and Waddington 1997). Sheridan points to rock art being Late Neolithic, 3000 - 2500 BC (Sheridan 2012: 171) and this concurs with the 3 carbon dates from the Torbhlaren rock art site in Kilmichael Glen, which ranged between 2920 - 2860 cal BC and 1320-1110 cal BC (Jones and Riggott 2011: 253). It should be noted that further work to confirm these dates is a high research priority.

Achnabreck cup and ring mark rocks

The site came into Ownership of the predecessor body of Historic Environment Scotland in 1932.

In 1995, AOC Archaeology conducted limited excavations prior to the installation of new walkways, stiles and interpretation panels. No previously unknown carvings or other evidence was found during this work.

The site lies in a Sitka spruce forestry plantation owned and managed by Forestry Commission Scotland.

The site consists of two groups of well preserved, decorated rock outcrops which lie on the edge of forestry plantation in the hills overlooking Lochgilphead and out to the open water of Loch Gilp.

The rock art has been created on a gently sloping planes of bedrock.

2.2 Evidential values

The evidential value of the Achnabreck rock art site is high because of the potential for discovering further rock art in close proximity. The site itself is one of the most sophisticated sites in the area, therefore would be included in any future rock art research project. The site has not been excavated and sits in pasture, thus there is potential for associated deposits which may help to understand how these sites were used and at what date.

The potential for discovering further rock art in close proximity to the Achnabreck rock art site is high. Indeed, in May 2008, a further outcrop located some c.150m north of the main site was found by Sally Wilkin (an employee of Kilmartin Museum) following a storm which uprooted several large Sitka spruce trees which had been planted on top of an outcrop. The outcrop contained a motif of a large cup surrounded by 6 concentric rings,

measuring 0.94m in diameter and carved in a very similar style to the main Achnabreck site (Regan, Webb and O'Conner, B 2008).

A further 11 motifs, including two cup marks surrounded by 6 rings were found during excavation, but no artefacts or dating evidence was revealed (ibid).

The possibility of discovering other features around the main Achnabreck site by excavation may be precluded against by the proximity of forestry plantation.

The study of Achnabreck Rock Art site and others has the potential to develop a nuanced understanding of the Late Neolithic, Chalcolithic and Bronze Age period on a regional and national wide level, thus making this site valuable in terms of research potential.

The Achnabreck Rock Art site is also thought to contain a sequence of carvings with some being more weathered and overlain with other carvings (RCHAMS 1988:87), this is an example of phasing, which is unusual to detect.

The site contains 2 double spirals and 1 triple spiral motifs, and uncupped rings which are thought to be linked to Irish Passage-grave Art, which is dated to the beginning of the 3rd millennium BC (RCHAMS 1999:8), thus this site may be important in establishing the nature of links between Mid Argyll and Ireland in prehistory. The presence of these unusual motifs, and the fact that the site contains some of the largest examples of the cup and ring motif means that Achnabreck stands out amongst all the rock art sites in the area as unique.

The description of Achnabreck below has been transcribed from RCAHMS (1988:87).

“Outcrop 1: 350 m N of Achnabreck Farmhouse. The undulating sheet of rock has been decorated in three groupings. The largest exposure has 3 clusters of motifs. Towards the lower end of the sheet (illustrated as the lower group) there is a group dominated by multi-ringed and guttered cups (with up to 7 grooves) as well as an extensive network of grooves and close to the base, a line of 4 exceptionally large plain cup marks. At the centre of the sheet is another group of multi-ringed cups and higher up the outcrop, a 3rd cluster of multi-ringed cup marks.

The middle group of motifs is the smallest of the 3 decorated exposures. At the centre lies one of the largest cup and ring markings in Scotland, measuring 0.97 m in diameter over the outermost of its 7 rings and next to it to the S is a cup with a quadrant of 3 rings. To the NW and SE there are multi ringed cups, one of which has 2 central cup marks, and all have well defined gutters extending southwards from their cups. In addition to the larger marks, there are several single-ringed cups and plain cup marks.

The carvings on the upper sheet which are concentrated at its N end with only a peripheral scatter elsewhere, comprise cups (some with gutters) and up to 6 rings, large numbers of plain cups, lengths of grooving (several of which form enclosures) and some modern graffiti. Amongst the concentration of carvings to the higher (N) end of the outcrop, there are 2 double spirals, 1 triple spiral and several multiple rings (with no central cup). These markings are badly weathered and worn, and in some instances are overlaid with other carvings. It is probable that they represent an early phase of carving on this outcrop (RCAHMS 1988:87)

Outcrop 2: This outcrop is sometimes referred to as Achnabreck Wood, is situated 150 m E of Sheet 1. The decoration includes at least 15 multi-ringed cup marks (with up to 6 rings) many of which have extended gutters trailing from their cups, numerous single-ringed cups and a large number of plain cups.”

There is a third outcrop close by, but not within the Property in Care, which RCAHMS describe as *“Outcrop 3: On the crest of a rock outcrop which lies in a pasture field about 140 m SE of Sheet 1, there are faint traces of what may be a group of cup and ring marks.”* (RCAHMS 1988)

Jones and Tipping analysed the art motifs at the Achnabreck Rock Art site in relation to microtopography and recorded a total of 246 motifs (see Jones and Tipping, 2011:19-20 for a full description).

The two outcrops are fenced separately.

2.3 Historical values

The Achnabreck Rock Art site, along with the others in Mid Argyll are of exceptional importance because they may help us to understand why Kilmartin Glen developed as a ritual centre. Achnabreck is the largest and most complex of all the rock art sites in Britain, thus has the highest historical value. Rock art very probably predates many of the other monuments in the Glen, and may in fact be the reason why later generations chose to signify the importance of the place with other monuments (Freedman, Jones and Riggott, 2011: 244). The study of Achnabreck Rock Art site in particular, because there may be phased carvings present, has the potential to develop a more nuanced understanding of the Late Neolithic, Chalcolithic and Bronze Age period on a regional and national wide level.

2.4 Architectural and aesthetic values

Study of individual panels has established that each has its own character, and although the cup mark is a universal symbol, there is variation in other motifs, ranging from cup marks surrounded by rings, to tails, gutters and key holes, and there is some evidence that the natural characteristics of the bed rock itself was also used as part of the art work, merging natural and cultural features into a single aesthetic expression. Although there has been some

focus on individual motifs, it has been suggested that rock art panels are best appreciated as a visual whole (Jones, 2011 (b): 5).

It has been suggested that the natural cracks and fissures in the bedrock have been used as if they were a frame for the creation of motifs (Jones and Tipping, 2011:29).

Oblique light creates shadows which highlights the rock art, making it more dramatic and easier to see. Rain water sitting in the cup marks creates a different experience.

Because of the profusion of carvings, their large size, and the different types of motifs, some of which are unique, mean that Achnabreck is one of the better sites for visitors to be able to appreciate rock art.

2.5 Landscape and aesthetic values

The Achnabreck site, situated as it is in one of Europe's most important prehistoric landscapes, has great landscape value in its own right. It is the largest rock art site in Britain, but also has great value when viewed in the context of all the other monuments.

Research over the last 20 years has brought forth an understanding of rock art as being part of how prehistoric people perceived and actively created both their physical and spiritual/cosmological world.

The site sits on what might be considered the south eastern entrance to Kilmartin Glen, the Cairnbaan site being situated on the south western side. Both Achnabreck and Cairnbaan are in upland elevations. Achnabreck has spectacular views over the surrounding landscape towards Loch Gilp. The site's landscape position is clearly significant.

The spatial relationship to rock art and natural landscape features, such as easy route ways from Kilmartin Glen into ancillary glens, ridges on the higher hills and possibly more fertile agricultural land was noted by Regan (2008) and an understanding of these inter-relationships has further been developed by Jones et. al (2012). The Achnabreck Rock Art site has good views over the head of Lochgilp, and the southern entrance to Kilmartin Glen.

Jones argues that rock art was a component of a settled landscape occupied by Neolithic agriculturalists and that its creation was an active part of 'socializing' the landscape into a system in which it becomes more organised and that this relates to cosmological concerns as well as economic interests (2011 (a) xviii). Rock art, at least in part, may have circumscribed rights of movement and access to resources, and as such, defined people's relationships with the landscape, making these sites significant in a process which is enhanced by use over time (Freedman, Jones and Riggott, 2011:242-244).

2.6 Natural heritage values
To be assessed

2.7 Contemporary/use values

Social Value

A significant number of artists use rock art sites as inspiration, and have produced work in a variety of media, including weaving and other textile art, painting, drawing, print making, sculpture and glass work.

The Achnabreck rock art site has interpretation boards installed by Historic Environment Scotland and others in the car park, which were installed by the Dalriada Project (a Heritage Lottery Fund funded landscape partnership scheme). The interpretive material provides information on the site and other monuments in the area to visitors. There are also board walks at the Achnabreck site, which were installed to make the site more accessible to visitors.

Kilmartin Museum was founded in 1997 and its mission is to inspire and educate people by interpreting, explaining and conserving the internationally important archaeological landscape, artefacts and natural heritage of Kilmartin Glen, including the area's rock art.

Kilmartin Museum's education service regularly undertake activities related to enabling a deeper appreciation of the Achnabreck rock art site.

A large percentage of tourists to the area cite the archaeological monuments and Kilmartin Museum as a reason for visiting. Cultural tourism is one of the region's largest economic drivers.

Kilmartin Museum and the education service are part funded by Historic Environment Scotland.

Spiritual Values

Most academic interpretations of the ways in which rock art is significant involve a level of spiritual value being placed upon these sites (Bradley, 1997; Jones et. al., 2011; Sheridan, 2012). Rock art sites are part of a suite of expressions of cosmological concerns evident throughout the Neolithic, Chalcolithic and Bronze Age. Ethnographic work amongst peoples who still create rock art supports this understanding.

The act of experiencing is important, and it has also been noted that the act of creation is also significant – described by Jones as an “*act of veneration, closely weaving motifs with the substance and texture of the rock itself. It is simultaneously an act directed towards the future as it marks or defines a significant place in the landscape for future generations to encounter*”. (Freedman, Jones and Riggott, 2011:244).

There is anecdotal evidence that these sites are special for people today and this is evidenced by 'offerings' of flowers and burnt out candles occasionally found at some sites.

3 Major gaps in understanding

There are major gaps in our understanding relating to dating. The relationship to other sites and monuments that may have existed and been in active use at the same time as rock art also requires better understanding. There are challenges around management and the best way to ensure long term preservation of sites, this is especially important given that threats are set to increase.

Other gaps in our understanding of Achnabreck and other sites are:

- Only three sites in Mid Argyll have been excavated to date, these being Ormaig, 'Panel 3' at Achnabreck, and Torbhlaren. Ormaig, and 'Panel 3' at Achnabreck are located in forestry plantation, therefore any deposits or structures around the sites that might have existed would almost certainly not have survived the tree planting process (Ellis and Webb, 2007), (Regan, Webb and O'Connor, 2008).
- No artefacts or dating evidence was found during the excavations of 'Panel 3' at Achnabreck (Regan, Webb and O'Connor, 2008), most likely this had been disturbed or destroyed by forestry plantation.
- More evidence via excavation to establish broader dates for these sites is required, to help consolidate the research already undertaken. Experimentation with forms of dating such as Optically Stimulated Luminescence dating might also yield results.
- We know that rock art is only one component of monument creation in the landscape, and that there may well have been pre-existing monuments and structures also in use at the same time, but our understanding of the relationships between different types of sites and monuments is not well understood (Sheridan, 2012:174).
- The recently published Research Framework for Argyll identified the following as a major gap in our understanding of rock art: "*How does cup-and-ring rock art fit into our overall understanding of the nature of society, beliefs, and external contacts in Argyll and Bute? Currently it tends to be studied in its own right, but it needs to be situated within Late Neolithic practices (and more dating evidence for its creation is needed).*" Sheridan (<http://www.scottishheritagehub.com/rarfa>).
- In general, the written descriptions of rock art sites by different researchers do not often match. Although these accounts are potentially useful in studying possible deterioration in condition of the rock art by making comparisons over time, it is often impossible to determine if differences detected are in fact due to deterioration, or a

recording bias since they are based on arbitrary factors including condition of the site, vegetation, light conditions and individual interpretation.

- There are also challenges around management and the best way to ensure long term preservation of sites, this is especially important given that threats are set to increase. The challenges associated with managing these sites has been acknowledged, however, no standard approach to ensuring their future preservation has yet been determined. Previously unknown rock art sites are being discovered every year in Mid Argyll. Afforestation is a particular threat to buried sites because this activity does not fall under the planning legislation in the same way other large scale land use changes do. Sites are at risk and an example of this is one known site being unwittingly damaged in Kilmichael Glen in recent years. Systematic field survey and machine watching in areas of high sensitivity would be one approach to mitigate against this happening in future, better still would be an approach to land management that privileges archaeology in areas of high sensitivity. An example of this would be in and around Kilmartin Glen.

4 Associated properties

Achnabreck Cup and Ring Marked Rocks,
Ballygowan Cup and Ring Marked Rocks
Baluachraig Cup and Ring Marked Rocks
Cairnbaan Cup and Ring Marked Rocks
Carnassarie Castle
Dunadd Fort
Dunchraigaig Cairn
Kilmartin Churchyard, Crosses, Tombstone and Neil Campbell Tomb
Kilmartin Crosses
Kilmichael Glassary Prehistoric Rock Carvings
Kilmartin Glebe Cairn
Kilmartin Sculptured Stones
Nether Largie Mid Cairn
Nether Largie North Cairn
Nether Largie South Cairn
Ri Cruin Cairn
Temple Wood Stone Circles and Cairns

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Canmore ID: 39552
Site Number: NR89SE 2
NGR: NR 85570 90690

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