The Effect of Christianity

upon

the British Celts

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This paper studies both the spread of Celtic Christianity into Britain and the way in which the Celtic peoples reacted to the new religion. The study examines possible reasons for the Celts’ acceptance of Christianity and examines the effect Christianity had on the beliefs of the Celts as well as on their daily lives. This paper looks at how Celtic Christianity manifests itself in the archaeological record, using evidence such as religious buildings, cemeteries, carved stones, and other forms of Celtic artwork that incorporate both Celtic and Christian aspects as documented in books and site reports. Descriptions and attributes of pagan and Christian artifacts from the Celts are also compared.
Introduction

Christianity was a powerful force that had great influence in Britain. This paper focuses on the influence of Christianity on the Celtic peoples of Britain and Ireland from the introduction of Christianity into Britain in the third century to A.D. 1100. The Celtic Church is explored in the form of its history, the similarities between Celtic and Christian beliefs, elements of Christianity found in Celtic beliefs and mythology, and evidence in archaeology. The archaeological aspect concentrates on identifying evidence of continuity from the pagan Celtic beliefs and practices to the Christian ones in an effort to show that Celtic Christians incorporated pagan Celtic practices and beliefs into their traditions rather than replaced them.

Methodology

I have researched the various forms of evidence of the Christian presence in Britain from its emergence in the third century to about A.D. 1100 when the Roman Catholic Church gained power over the Celtic Church (Allen 2004). I looked for evidence of elements of continuity between pagan Celtic and Christian beliefs. When Christianity came to Britain, I believe the similarities between pagan and Christian religions allowed for Christianity to be accepted by the Celts, who retained some of their pagan practices even after they accepted Christianity. I compared that evidence with elements of pagan Celtic artifacts, looking for evidence of continuity between pagan Celtic and Christian beliefs in an effort to understand why the Celts accepted Christianity and what happened after they did accept it. The types of evidence examined includes: artwork on illuminated texts, monasteries, cemeteries, Celtic Crosses, Christian inscriptions, elements of artwork (the eternal knot, animal motifs, representations of
nature, etc), and other pagan images at Christian sites.

**Background on Celtic Studies**

One of the earliest references to the Celts comes from the poem *Ora Maritima*, which was written by Rufus Festus Avienus toward the end of the fourth century A.D. (Cunliffe 1997). He quoted from a much earlier author of a sailing manual called *Massilliot Periplus*, thought to date to 600 B.C., mentioning a land occupied by a people called the Celts (Cunliffe 1997).

Many other Greek and Roman writers made references to or gave information on these Celtic peoples. Among these writers are Hecataeus of Miletus, Herodotus of Halicarnassus, Plato, Aristotle, Pytheas of Massalia, Polybius, Livy, Pausanias, Caesar, Lucan, and Tacitus (Cunliffe 1997).

The Saints’ *Vitae* or *Lives* are a major source of information about the history of the ancient world and the Middle Ages. These *Lives* are also our most important sources for social and cultural history during the Medieval Period. They supply scholars with information on such things as: details of daily life, food and drink, the organization of local rural and urban society, the impact of commerce, both gender and class relations, and occasionally they give specific dates for military and political history (Harsall 1996).

The sixteenth and seventeenth centuries saw a growing popularity in establishing national prehistories in Western Europe. John Leland collected data on the Celts while William Camden tried to explain the origins of Britain through his work, *Britannia* (Cunliffe 1997).

In the eighteenth century in Britain, a movement was led by William Stuckely to combine classical texts, ethnological analogies, and knowledge of the prehistoric monuments and artifacts
to create a picture of the past Celtic peoples. Stuckely began writing a *History of the Ancient Celts*, which he never finished, but his volumes on Stonehenge and Avebury that were published ascribed the monuments to Celtic Druids (Cunliffe 1997).

Sir Barrington Windsor Cunliffe is a more recent Celtic scholar. His main interest is in Iron Age Britain and Europe, which has produced a number of publications. He has become an acknowledged authority on the Celts. Cunliffe’s works include: *The Celtic World* (1987) and *The Ancient Celts* (1997).

**Historical Background on the Celts**

The earliest Celtic cultures are known to have been in existence in Europe as early as ca. 800 B.C. during the first phase in Celtic history known as the Hallstatt period (Wood 1998), though according to Peter Berresford Ellis—a historian and known authority on the Celts—the first Celtic peoples arrived in Britain as early as ca. 2000 B.C., but no later than ca. 1000 B.C. (Ellis 1985). The last migrations of Celtic tribes into Britain then took place in the second century B.C. while the Belgic tribes were trying to escape pressures from Roman and German expansion (Ellis 1985). During the Hallstatt Period and the Iron Age, the Celtic world included areas from the Balkans and Bohemia to present-day southern Germany. The power of the Celts expanded in the centuries after 800 B.C. and by ca. 300 B.C., the Celtic world had spread its power to Italy, Spain, Portugal, France, parts of central Turkey, and eventually Ireland and Britain (Wood 1998) (Figure 1).

Celtic societies developed in different ways, responding to a broad range of geographical and historical circumstances. Some Celtic groups depended on trade while others relied on
farming and stock herding. The focal point of Celtic power started shifting around the fifth century B.C. to a location where the Celts could make better use of Alpine trade routes that led to the Etruscan centers of Italy that were becoming more and more powerful during that time. This second phase in Celtic history was called the La Téne period and was characterized by beautiful forms of Celtic artwork. The Hallstatt period artwork had been characterized by simple geometric designs. The La Téne artwork, however, had a curvilinear style with intricate geometric designs and intensely stylized animal and plant motifs. It was during this time that Celtic civilization stretched to its farthest extent (Wood 1998).

Rather than being a homogeneous whole, the Celts formed a set of societies that were complex and varied in nature. The social and religious customs differed between Celtic groups and even the organization and nature of these groups were not the same. Certain Celtic peoples belonged to confederations that were rather large and loosely bound together while others were condensed into small units that were knit tightly together (Wood: 1998:9). Celtic societies were mainly warrior societies which were ruled by warrior kings, queens, and aristocrats. The Celts were a linguistic group, not a racial one (Ellis 1985). Their language and culture were the only things that distinguished the Celtic peoples from the other peoples of Europe. However, language was not the only unifying factor among the Celts. A commonality in religion very effectively tied the various Celtic peoples together as well.

Despite the decentralized structure of Celtic society, an order of pagan priests existed throughout the Celtic world and acted as a unifying force for the Celts. This order of priests was the Druid order. They transcended the divisions of society, traveling from village to village and were so respected that it was a taboo among the Celts to attack a Druid. According to ancient Greek writers, Druidism was an ancient institution among Celts already by 200 B.C. They
functioned as bards, interpreters of sacrifice, natural philosophers, intermediaries with the gods, and practitioners of magic and ritual (Ross 1967:53). “The Druids taught the continuity of life beyond the grave, which inspired warriors to bravery and to hold their lives in small regard.” (Ross 1967:54). This was much of the reason why the Celts were described as recklessly brave by the Greeks and Romans who confronted them in battle. The Druids indulged heavily in sacrifice and even had the power to ban other people from taking part in sacrifices. To be banned from sacrifice was the most extreme punishment that could be leveled against anyone who disobeyed the Druids. Being cut off from participation in sacrifice meant being cut off from the favor of the gods and goddesses. The Druids claimed to understand the secrets of the gods and thus held great power over members of Celtic society (Green 1986:28). The coming of Christianity ended the supremacy of the Irish Druids. The legends gave St. Patrick miraculous powers by which could overmatch his druidic opponents (McNeill 1974).

Celtic Acceptance of Christianity

History of Christianity among the Celts

The first signs of Christian presence in Britain were visible in the early third century AD. The martyrdoms of Aaron, Julian, and Alban can be dated to the mid-200s A.D. during the time that Christians were being persecuted by the Romans. British bishops were documented as having been present at the Council of Arles in A.D. 314. This new religion came to Britain through Roman forces and administrators (Davies 1999). Christianity became the official religion of the Roman Empire in A.D. 312, but has left few remains in military zones since the army probably remained largely pagan. Among the few conspicuous marks of Christianity
during this time may be the destruction of the Mithraic temple, which had been carried out because some aspects of the cult were taken to be blasphemous imitations of Christian rituals (Muir and Welfare 1983).

Little is known about the character and quality of Christian life in Britain during the ancient period. A strongly Romanized church was in existence and was most prevalent among the Romano-British elite since they were the people most directly in contact with the Roman occupiers. The Edict of Milan marked a new period of liberation and security for the Christian Church after the persecutions of the mid-third century (Davies 1999).

The Romano-British church experienced its collapse in the fifth century and Christianity was then limited to the northern locations of Strathclyde and Cumbria, through Wales to Devon and Cornwall in the south (Davies 1999). After the defeat of Gaul, Celtic culture vanished almost completely from mainland Europe, remaining only in the far West in the glorious art and learning of the Christian Celts. St. Patrick’s mission established Christianity in Ireland in the fifth century A.D. and over the next two centuries, the Irish sent out their own missionaries to Iona, Lindisfarne, Switzerland, and northern Italy (Wood 1998).

The written historical record for the history of Christianity in Ireland began with the entry for the year A.D. 431 in the Chronicle of Prosper of Aquitaine: “Palladius was ordained by Pope Celestine and sent to the Irish believers in Christ as their first bishop.” (Davies 1999). It is reasonable to suppose that such a community of believers evolved through contact with the Celtic Church of Western Britain prior to the missionary activity of Patrick (Davies 1999).

Irish monasteries such as those at Kells, Durrow, and Armagh became centers for learning and the arts as the Christian faith prospered. Despite some disruptions caused by the Viking invasions of A.D. 700-900, the mingling of Christian, Celtic, and Classical civilization,
which is now referred to as the Insular culture, remained a powerful force in European art and learning (Wood 1998).

We have our most numerous British sources of the early period from the Welsh Church. Spiritual inspiration for the early Welsh Church seems to have come, for the most part, from the monks of the Middle East through their counterparts in southern Gaul since the *Lives* of the early Welsh saints are full of references to the monasticism of the desert. The arrival of the Normans brought with them many practices of continental Christianity. In both Ireland and Wales, after the adoption of continental norms of religious life, the distinctive aspects of indigenous Christianity were increasingly confined to the sphere of vernacular religion (Davies 1999).

**Continuity from Pagan to Christian Practices**

Often it is assumed that everything must have altered quite radically for the Celtic peoples when the Christian religion was introduced to them (Pennick 1996). However, this was certainly not the case at all. Most of the saints, who were usually of the upper classes, were once druids. Many sacred pagan places were retained as Christian sites. Pagan temples became rededicated Celtic churches and churches were built on pagan places of worship. Pagan worship of ancestors continued with worship of founder priests and saints (Pennick 1996).

There were a few external changes that took place, such as the building of stone structures. Shrines acquired new names, along with crosses being put up with augmented iconography. Tribute was given to and accumulated in the church instead of being deposited in sacred lakes as had been done before with the pagan Celtic practice (Pennick 1996).

The pagan Celts always had strong ties to the land, believing that the land itself was a living being. They believed in the *anima loci*, or the “place-soul”, which was the personality of a
certain location (Pennick 1996). The most basic scared places for the Celts were natural places such as stones, springs, mountains, islands, and trees. When Christianity exerted its influence among the Celts, sites for places of Christian worship were selected using geomantic techniques that recognized the *anima loci* (Pennick 1996).

Most of the early Celtic Christians were simply the old class of druids in a new guise (Ellis 1985). In the earliest saint’s *Life* that is still extant, St. Illtyd is referred to as being a “druid by decent” (Ellis 1985:82). The majority of the early Celtic Christian churches, monasteries, and holy places have some sort of pre-Christian religious connection. During the sixth century A.D., for example, the foundations of the monastic schools in Ireland were created in place of the bardic schools (Ellis 1985). The occupation of a bard was a branch of druidism. Most of the early churches were built on circular sites—a continuation of the druidic practice—rather than in the rectangular patterns that the Romans used (Ellis 1985). An example of such a site would be the Knowlton Church, built within a prehistoric circular henge (English Heritage 2007) (Figure 2). Thus the sacred sites of the druids were not destroyed or avoided by the new Christian faith, but were instead utilized by Christian Celts.

Celtic pagans maintained the practice of hanging relics, (usually wool, string, ribbons, etc), in trees (Pennick 1996). This tradition was continued by the Christian Celts. Many Celtic saints used trees as stopping places and several *Lives* of these saints tell of instances where objects were hung in trees. Often, while traveling, Celtic priests would spend the night under trees and hang whatever valuables they had in the branches. This had a practical as well as symbolic purpose: the tree was to protect the traveler physically and at the same time the tree’s spirits would be honored by the sacred objects that the priests hung from the tree (Pennick 1996). Since sacred trees were so important to the old Celtic faith, many Christian ceremonies,
especially weddings, were held under such trees.

Natural and carved impressions in stones were also thought to be sacred places. Before he or she ascended his or her office, a chieftain would step on a set of carved stone footprints, symbolizing the entering of the rightful ruler into his or her post. Because most upper ranks of the clergy of the Celtic Church were drawn from the Celtic “nobility”, the associations of stone footprints appear to have been transferred to the Christian clergy and there are many still-existing footprint stones commemorating certain acts of saints. These footprint stones exist in all Celtic lands (Pennick 1996). There is a set of footprints carved near a chapel of Keil, between Dunaverty Bay and Carskey in Kintyre, at a place that is reputed to have been where St Columa first landed in Dalriada (Pennick 1996). At another location, on a rock on the east end of Hollyhead Church in Anglesey, is a single footprint that is said to be of St. Cybi (Pennick 1996). There were also stone footprints of St. Ólann found on a boulder near St. Ólann’s Well at Coolineagh, County Cork (Pennick 1996).

Other impressions reputed to have been left by saints includes knee and hand prints. The island of St Kilda at Portpatrick holds the knee and right hand impressions of St Patrick (Pennick 1996). There are traditions of body-prints formed naturally within the rocks of rivers. Celtic monks often prayed in rivers, holy wells, and underneath waterfalls. Perhaps this practice was the continuation of the Celtic druids’ veneration of sacred waters. In a riverbed at Troedrauer in Dyfed lie the knee marks of St. Gwyndaf Hên on a flat rock in the River Ceri (Pennick 1996).

One Celtic saint in particular seemed to have had many sacred rock impressions dedicated to him. At Llanllyfni, St. Gredfyw has a rock bed, a rock seat, and a stone with his knee prints upon it. Other rocks also contain the marks of his horse’s hooves and the mark of St. Gredfyw’s thumb (Pennick 1996). The rock hoof prints are especially interesting because they
are associated with royal horses, which were sacred to the Celtic horse-goddess Epona (Pennick 1996).

Another practice that the pagan Celts had was leaving stones on cairns. Cairns were usually situated atop hills and thus became stopping places for Christian pilgrims, who continued the tradition by depositing a stone on whatever cairn they happened to stop at or pass by. The Priest’s Grave is a cairn near St Buonia’s Well at Killabuoria in County Kerry that was frequently honored by pilgrims who would place stones on the cairn (Pennick 1996). The leaving of a stone was symbolic with leaving a part of the self behind. Directly related to this is the custom of putting small stones on Christian tombs and drystone altars (called *leachta*). Ancient *leachta* in Irish Celtic monasteries hold large pebbles, some of which are carved with sacred sigils (Pennick 1996). These stones were left to carry the prayers of the people who left them or as a votive offering (Pennick 1996).

As mentioned before, sources of water were sacred to the pagan Celts. Offerings were often thrown into waters to become the property of the Celtic deities. The site of Llyn Cerrig Bach, for example, contains 150 ritually deposited objects (mostly martial in nature) within a marsh that used to be a lake (Green 1994). Lakes and rivers were thought of as places of healing. Almost every Irish, British, and Breton tradition has a holy well named after one or more of their saints. It’s clear that many of the holy wells existed well before the introduction of Christianity into the Celtic lands. Renaming these holy wells was a “monotheistic reinterpretation of the spirit that dwells within and guards the (often) healing waters.” (Pennick 1996:68). These wells were usually natural springs that had buildings built over them for protection and into the Christian tradition, many of them were still believed to contain healing properties. Some wells reputedly sprang up when a saint was beheaded, such as the wells of St. Reina, St. Jutwara, St. Ludd, St.

According to pagan Celtic beliefs, if a person were to go to certain sacred waters at the right time and in the right frame of mind, they might be fortunate enough to catch a glimpse of “the fish” and the unconscious would then open up to them. The archetype of this “fully realized human being” became Christ, who was symbolized by the fish by the Celtic Christians (Pennick 1996). This representation of Christ as a fish can be seen in the Celtic manuscripts. The fish was a Christian symbol that appealed to the Celts because of the Celtic association of the salmon with wisdom (Wood 1998). In the Celtic myth of Culhwch and Olwen, many different animals were sought out for information on where a man by the name of Mabon was located. The last and oldest creature to be asked was a salmon and because he was the oldest and wisest of the creatures, he was the only one able to give the location of the elusive Mabon. (Bellingham 1990).

The mountain was another aspect of the landscape that was scared to the Celts. Mountains were places of sun worship in pagan Celtic belief. Later, certain “mountains of light” were dedicated to St. Michael such as St. Michael’s Mount, St. Michael de Rupe on Brentor, and St. Michael’s at Burrow Mump, Glastonbury Tor (Pennick 1996). Christian cosmology held that St. Michael’s body was the sun and “his place in the company of archangels (was) like the sun in the congress of planets.” (Pennick 1996:83). Michael’s Mount and Mont-Saint-Michel are two holy mountains that are unique in that they are neither entirely in the sea nor on the land, since they are connected to the mainland by causeways that are passable only at low tide. During Celto-Roman times, Mont-Saint-Michel was an island-mountain Celtic solar sanctuary called Dinsul or Belen (Pennick 1996).

Man-made hills were another type of high place that was important to the Celts. There was a widespread custom in Celtic lands of building temporary hills to celebrate the harvest
festival of Lammas that occurred on August 1 (Pennick 1996). Often a hole was left in the center of the hill to hold a flagstaff for a festival flag. Some Celtic crosses today, such as Muiredach's High Cross (Sullivan 2008) (Figure 3), can be found raised to above-ground level on stone steps, which seem to reflect the Lammas hill tradition (Pennick 1996).

Caves were places of inspiration for the Celts and were believed to be entrances to the Otherworld. There exists an incredible continuity in the use of caves for worship. Before temples came into use, religious ceremonies were held in caves. The remains of early monasticism still exist in some of those caves that are named after the saints who once lived and/or worshipped there. In St. Ninian’s Cave near Whithorn, crosses can be seen carved into the walls and there are several stone grave markers present (Pennick 1996). Some other caves used by Celtic Christians include: St. Kieran’s Cave by Loch Kilkerran, Cave of St. Moloe on Holy Island in the Clyde, and the cave at Caplawch in Fife in which St. Adrian and his followers lived (Pennick 1996).

According to the Celts, islands were also sacred, being cut off by water from the unwanted physical influences of the mainland. Celtic priests sought isolation from the world and retained the Celtic pagan belief that evil spirits and magic would not cross water. Islands often served as either destinations or stopping points for pilgrims. Some islands contained many sacred loci, increasing the overall sacred power of the island. Iona, for example, had a cathedral, oratories, high crosses, a holy hill, holy wells, a sacred road, and a cemetery (Pennick 1996).

**Similarities in Christian and Celtic Pagan Beliefs**

There were several reasons for Christianity’s eventual acceptance into Celtic society. One of them was the concept of the Trinity. The Celts had certain numbers that were special or significant to them. The number three was one of them. Gods and goddesses in Celtic mythology
sometimes had three heads or took three different forms when they transformed and so on. One of the reasons Christianity was accepted was the concept of the Christian and Godhead being a Trinity, or three persons in one God. The fact that the Christian God took three separate forms, which were the Father (creator), Son (savior), and Holy Spirit (sanctifier), was also a concept familiar to the Celts since their own deities took different forms depending on their functions (Lloyd 2006).

The doctrine of immortality taught by the Christians was also a teaching that was similar to that of the Celts. The Celtic gods and goddesses were immortal, after all. In fact, the pagan Celtic religion was one of the first to develop a doctrine of immortality (Ellis 1985). Christianity taught that God was eternal and Christ’s promise of eternal life to all believers was relatively readily accepted by the Celts because they were already used to the idea of an afterlife. The Celtic belief in an afterlife is apparent in looking at the various elaborate grave goods that were buried with Celtic peoples, such as those La Téne style artifacts found at the Fermanagh passage tomb burial (Foley 1988). These grave goods were meant to be used and enjoyed by the dead in the afterlife. The druids taught that death was only a changing of place. Life went on with all its material goods in another world. They believed that a constant exchange of souls took place between the two worlds so that when someone died in the other world, it would bring a soul to this world (Ellis 1985). Myths such as Pwyll and Tristan and Isolt also demonstrated such beliefs in an afterlife. Pwyll went to the Otherworld to fight Hafgan and came back only after he had completed his appointed task. Isolt promised she would join Tristan in the Underworld after he died and then promptly killed herself on Tristan’s sword (Lloyd 2006).
Christianity in Celtic Mythology

Since Christianity was accepted by the Celts, The Celtic myths contain some Christian influence, though parts of the pagan Celtic elements still remain. Those pagan elements were some of the Celtic themes discussed earlier. Some Irish accounts of Deirdre of the Sorrows told the story with Connachar as Deirdre’s father (Bellingham 1990). But it appears the Christians who recorded this myth presumed the relationship to be too incestuous and was altered in later versions.

The Children of Llyr is a tale that was heavily Christianized. The original ending had the swan-children living in a fairy world of perpetual youth. The silver chains that linked the children were tokens of their fairy status and they were allowed to re-enter the human world once those chains were removed. In the Christian ending, the children were turned back from swans to humans and were baptized before they died. The Christian version altered the end to demonstrate the triumph of the new religion, keeping pagan elements in the rest of the story. After all, it was the ending that really mattered. The Mabinogion myths, however, didn’t seem to be influenced by Christianization. Pwyll and Branwen, which are part of the Mabinogion, appear to contain no visible elements of Christian influence (Bellingham 1990).

The legend of Tristan and Isolt, however, is a story that had undergone many transformations over the years and it’s not surprising that Christianization had its influence in reshaping the story, though the underlying pagan Celtic nature of the legend has never really been lost (Bellingham 1990). It is difficult to entirely Christianize or tame a story that deals with an adulterous love affair. Some scholars believe that the love potion was a post-Christian addition and it provided an excuse for the sinful behavior of Tristan and Isolt. But it is possible that this could be merely a Christian interpretation of an original Celtic feature since magical
elements were common in myth and they reflected Druidic religious ritual (Bellingham 1990:99).

Christianization did not create entirely new myths among the Celts, but it did alter the myths already in place. Since the Celts looked to the characters in myths as role models and mimicked their behavior, a Christian influence in the myths would have encouraged a Christian influence to take root among the Celts. In some cases, Christianized Celts might have reworked a few of their myths to make them more complementary to their new religion. Thus it appears Christianity influenced the evolution of Celtic myth and then, in turn, the Christianized Celtic myths were used as teaching models for children and those Celts who still retained their pagan ways.

**Celtic Christianity in Archaeology**

The Celtic contribution to European civilization is one which is only partly reflected in archaeology. It largely stems from their religion and has its archaeological reflection in their art. While the Celtic Church didn’t exist as a unity throughout the Celtic areas, it’s possible to recognize a Celtic Christian ethos which embodies the less militant qualities of Christianity (Laing 1975).

**Roman Christianity**

There is very little conclusive evidence for Roman Christianity. Since the Romans ruled the Celtic peoples for a time, it is important to first look at the nature of Christianity among the Romans in Britain. There appears to have been a prosperous Christian community in the area of
Hadrian’s Wall—around Carlisle in particular. The evidence there mainly consisted of series of late Christian tombstones (Laing 1975). In the fifth and sixth centuries, there was a new wave of Christian activity in the Irish Sea province, growing directly from the Continent, especially from Gaul as well as from the eastern Mediterranean, although to a lesser extent. The evidence for this takes the form of memorial stones with continental formulae and imported pottery (Laing 1975).

**Monastic and Church Sites**

The distribution of early monasteries in mainland Britain coincided with that of imported pottery, which implied that there were continuing influences along the same lines of contact. “The earliest in Britain is almost certainly Tintangel in Cornwall and the extension of monasticism can be traced from Cornwall round the South Welsh coast in the years prior to 500 A.D., to Ireland in the sixth century and, by extension of the original Irish foundations, to the northwest of mainland Britain in the late sixth century. From the British areas monasticism spread to Northumbria in the seventh century.” (Laing 1975:375).

The most valuable categories of evidence for Christianity in the Celtic areas of Britain were the monastic and other church sites as well as the contemporary documentary sources. Information could also be taken from memorial stones, references in later documentary sources, place-names, dedications, and portable objects (Laing 1975). In Silchester, for example, there is a building from the fourth century with a nave, apse, and aisles, which may have been a Christian church. It had been reburied beneath arable fields within the town walls (Muir and Welfare 1983).

By the fourth century, pagan and Christian symbolism had become intertwined. Hinton St. Mary near Sturminster Newton in Dorset has a central roundel of pavement that contains the
image of the head of Christ, backed by His Chi-Rho monogram. Another portion of the mosaic at Hinton St. Mary shows the mythical Roman Belleophon, mounted on Pegasus to kill the Chimera. Through Christian eyes, this might be seen as the triumph of good over evil (Muir and Welfare 1983).

Generally, early Christian sites can be classified into monastic, cemetery, and chapel sites. Monasteries were usually enclosed by a *vallum monasterii*, which was normally an earthen bank with an outer quarry ditch serving as a spiritual and legal boundary line. In contrast to cemetery enclosures, it’s been suggested that monastic enclosures were often initially rectangular. Two examples of sites with *vallum monasterii* are Clonmacnois and Iona, though at Iona the plan has been complicated by subsidiary earthworks from various dates. In contrast to these early monasteries, there is another group in which the enclosure seems to have been of a circular plan. Examples include Incheleraun in Ireland, Kirk Maughold on the Isle of Man, and Kingarth in Bute (Laing 1975).

The *vallum* was in some cases stone-built such as at Nendrum (Archaeology Data Service: Nendrum Monastic Site 2007) or Kingarth (Laing 1975). It’s very likely that in a number of cases, existing circular fortifications were reoccupied. There is some documentary evidence for earlier fortified sites being handed over for such a purpose. The Roman fort at Caer Gybion on Holyhead was a gift to St. Gybi and the ruined Saxon shore fort of Burgh Castle, Suffolk, was given to St. Fursa (Laing 1975).

Island monasteries, both major and minor, were not uncommon. A classic example would be the remote site of Skellig Michael, Co. Kerry. Some other examples include Irishmurray in Ireland and Priestholm off Anglesey in Wales (Laing 1975). Promontories were sometimes utilized such as at St. Abb’s Head, Berwickshire and the Brough of Deerness, Orkney (Laing
A number of chapel sites in remote situations fit into the category of hermitages such as the chapel site on Pygmies’ Isle off the coast of Lewis (Laing 1975).

The larger monasteries were enclosed villages that contained disorganized agglomerations of small buildings surrounded by their valla. Buildings varied according to function such as the cells of the monks, scriptorium, guest house, and refectory. Within the enclosure were plots of land and buildings associated with farming, workshops, and possibly a school. Living cells and public buildings were probably distributed at random inside the enclosure. It had several chapels instead of a single church, all relatively small. The larger buildings were rectilinear, whereas the smaller buildings were either rectilinear or circular. Up until the eighth century, buildings were normally made of wood (Laing 1975).

Until the seventh century, the tradition of building in Celtic-speaking areas was in wood, not stone (Laing 1975). Very little remains of those monasteries and churches that the early Celtic Christian missionaries built and the oldest remains are mostly of Norman construction (Ellis 1985). Some of those buildings that do still exist include St. Dogmael’s Abbey, St. Govan’s Chapel at Bosherton, and the teaching monastery at Llanilltyd—though there is little that remains of that monastery (Ellis 1985). Within the grounds of the Llanilltyd monastery stands a pillar with the Latin words carved into it: In nomine di sunmi incipit crux salvatoris quae preparavit Samsoni apati pro anima sua et pro anima Iuthelo Rex et Arthmael. “In the name of God Most High begins the cross of the Savior with Abbot Samson prepared for his soul and for the soul of King Iuthael and Arthmael the Dead.” (Ellis 1985:52). Excavations have offered evidence for timber oratories in chapels. The timber church was basically a product of native tradition in Celtic-speaking areas and the small timber oratories shouldn’t be attributed either to a Roman-British survival or to an introduction from continental Europe (Laing 1975).
Since many of the early Christian religious buildings were constructed using wattle and timber planks, there are very few early ecclesiastical buildings still in existence. Many of the churches in Ireland have foundations dating to the sixth and seventh centuries A.D., but few of them remain without having been completely rebuilt (Ellis 1985). Skellig Michael, however, was built of stone and is the only complete Celtic monastery in Ireland that was rebuilt in later times, which lies eight miles west of Bolus Head in the Atlantic (Ellis 1985). The monastery was built in the sixth century A.D. and is perched on one of the highest point of the island. It contains six beehive cells and two oratories serviced by two holy wells and there is a small cemetery that contains the remains of stone crosses. (Ellis 1985).

Evidence for chapels comes mainly from Church Island, near Valencia, Co. Kerry in Ireland and Ardwall Island, off the coast of Kirkcudbright in Scotland. There are two phases that can be recognized at the Church Island sight in Ireland. The first is an unenclosed cemetery from the seventh century with a timber oratory, outlined by post holes, 6ft by 9ft (Laing 1975). There is a circular living cell nearby with some burials on either side of the oratory aligned along its axis. Phase two has the timber oratory replaced by a stone chapel in the early eighth century, 18 ½ ft by 12 ½ ft, which was partly built over the timber oratory and its associated graves (Laing 1975). The wooden hut was likewise replaced with a stone one and further burials aligned the new chapel (Laing 1975).

**Pagan Images at Christian Sites**

Further evidence for continuity between the Christian and pagan traditions of the Celts can be seen through the presence of pagan images at Christian sites. St. Fergus’s cemetery, located on the island of Inishkeen in Upper Lough Erne, contains the stone head of a Celtic
divinity with antlers (Pennick 1996). This antlered image greatly resembles the horned god Cernunnos, whose form can also be seen on the Gundestrup Cauldron. In the churchyard of Caldragh we find another Celtic deity’s image: a Janus figure with a stoup for water positioned between the heads (Pennick 1996). There is a Tau cross with faces on the upper side in the traditional pagan Celtic style at Rougham in County Clare (Pennick 1996). All of these examples are places in which the remnants of pagan tradition can still be seen in the context of Celtic Christianity.

Cemeteries

Cemetery sites could be either simple burial grounds without such associated features as chapels or founders’ tombs or sites in which the burials were subordinate to the associated structures. Some cemetery sites may have developed from simple graveyards with the construction of chapels, living huts, shrines, and other features within the pre-existing cemeteries. Many cemeteries were intended as places of religious observance from the outset with the oratory or chapel being the key element with the graveyard being of secondary importance (Laing 1975). By the fourth century, the standard burial practice in Roman Britain was inhumation. In the early Christian cemeteries, bodies were for the most part simply laid in the ground or in a hollow worked out of bedrock (known as “dug graves”), in stone-lined cists (“cist graves”), or in stone cists with a capping of stones (“lintel graves”) (Laing 1975: 380). Stone sarcophagi were rather rare.

Many of the earliest known Christian cemeteries were comprised of unenclosed groups of burials such as the one found at Cannington in Somerset or the long-cist cemetery at Parkburn in Midlothian (Laing 1975). The enclosed cemeteries were normally surrounded by a curvilinear
vallum which symbolically separated the holy from the irreligious and the dead from the living (Laing 1975).

There is some evidence of continuity of burial sites from pagan to Christian times. Christian burial sometimes is associated with Iron Age funerary sites or Roman sites. The custom of distinguishing special burials with a circular surround also seems to be of prehistoric and Roman origins, as do the few early Christian burials that have rectangular surrounds (Laing 1975). Most early Christian cemeteries, though, were circular. Archaeology shows that among Celtic Christians, the burial-ground preceded the church (Allcroft 1930:II). For example, the Nendrum monastic site contains burials that predate the church there (Archaeology Data Service: Nendrum Monastic Site 2007). They didn’t necessarily need a structural place of worship, but simply a meeting place. The traditional place of meeting for the pagan Celts had been either a grave or a symbol of a grave and thus Celtic Christians continued the practice by meeting for worship in cemeteries (Allcroft 1930:II).

Stone circles were also places of worship for the Celtic Christians and are often called churches both in Gaelic and Lowland Scots even though no actual church building ever occupied the site (Allcroft 1930:II). It is very possible that the early missionaries chose the rings of standing stones as places of worship because the pagan inhabitants of the region had also assembled there for ceremonial purposes. According to A. Hadrian Allcroft,

Many ancient churches occupy precisely those sites which would naturally be selected for barrows, and in very many cases it is yet possible to see beneath them the swell of an original barrow. The words hlaw and howe, elements in a long list of English parish-names point to the fact that the churches of these parishes are actually reared on barrows. Names like Kirkbergh,
Kirkbarrow, and Chapel-le-How tell the same story, as probably do many names in –bury, and –borough (beorh, ‘a barrow’). (Allcroft 1930:II:254). Circular sepulchral monuments—ringworks, cromlechs, and barrows—were called ‘kirk’ and ‘church’ because the original cire was a circular place of burial. (Allcroft 1930:II:276).

It should be noted that there was at least one difference between the way pagan and Christian Celts treated their dead. The pagans generally made their burial-places a rather large distance from the dwellings of the living. They visited the dead regularly at certain seasons and celebrated their memories with feasts and games, but otherwise kept their distance from these places of burial (Allcroft 1930:II). The new tradition that Christianity brought in was its tendency to share quite close quarters with the dead. The Christian Celts celebrated the memories of the dead with daily ritual and built their temples amongst the tombs (Allcroft 1930:II).

Over and over again, pre-Christian burials have been found beneath old churches and churchyards. There is a rather long list of churches that stand on or beside grave barrows. Excavations and documentary evidence such as the Capitularies have shown that for a long time Christians continued to bury their dead within the pagan barrows. For example, at Fimber, near Sledmere, an excavation revealed internments extending through the Bronze Age, Roman period, and Saxon period (Allcroft 1930:II). A churchyard was later built over these burials and a church was constructed over the barrow. Another example can be found in Sligo County, Ireland, where a Christian cemetery surrounds two pre-Christian cairns (Mount 1994). Excavations have also revealed Christian ornaments among pagan grave-furniture in Saxon cemeteries (Allcroft 1930:II).

Religion, with the Irish Celt especially (whether Christian or not), began with the grave in
the form of a circular barrow. The oratory, which developed into the church after many centuries, was the outward sign of Christianity that was placed upon the old pagan symbol of mortality: the barrow circle. The fact that the building was constructed on a burial made the building sanctified. There was no sanctity where there was no burial and the greater the number of burials at a site, the greater the sanctity of the site (Allcroft 1930:II).

The church of Alphamstone in Essex is a good example of a church having been built over a pagan site (Allcroft 1930:II). The church was constructed over a stone circle while urns and sepulchral remains were discovered in the immediate vicinity. Many such churchyards have yielded implements of stone and bronze, some of them clearly elements of grave deposits (Allcroft 1930:II).

The pagan Celts had always looked towards the West as the place where the Otherworld lay. The West was thought of as the place of perfection because the sun moved in that direction (Ellis 1985). As Christianity made its presence known among the Celts, the newly Christianized Celts continued the practice of orienting the buried dead in an east-west fashion. The early Christian burials at Ardnagross, Westmeath with their orientation of heads to the west is an example of this internment practice (Eogan 1995).

**Ogham**

The Irish Ogham inscriptions are good examples of continuity in the Celtic Church. Ogham was a native Irish alphabet that was composed of sets short lines that stood for letters. These lines were drawn up to or crossed a base line, and those found on upright pillar stones were usually carved horizontally. It has been argued that the first inscriptions were carved in a language that was no longer spoken during the time of its use and that it was a sort of “religious
language” that had been used by the druids (Ellis 1985). Early Christian symbols such as the Chi-Rho monograms (of the name of Christ) and the Dextera Dei ("Right hand of God"), appear at some sites together with the Ogham texts. There are 215 Ogham inscriptions in Ireland and 48 in England and Wales (Ellis 1985). Many Ogham stones exist within Christians sites, such as the early Christian site of Templemanaghan, containing an oratory, various standing-stones, an ogham stone, and a burial ground and dating between the fifth and seventh centuries A.D. (Ketchum 2005) (Figure 4).

**The Celtic High Cross**

The Celtic Cross is perhaps the best example of the link between pagan Celtic and Christian traditions. During the Hallstatt period, the continental Celts set up aniconic (symbolic) stones that appear to have been the forerunners of the later insular Celtic crosses (Pennick 1996). Some of these crosses were made in a humanoid form that resemble older representations of the Celtic Great Goddess. The head portions have the sort of x-pattern seen on later Cornish stone crosses, but date to almost a thousand years before the adoption of the cross as a Christian symbol. These humanoid forms also appear much later in Welsh stone crosses.

The form of the cross had geomantic (divination by lines and figures) connotations for the Celts before it was ever adopted as a Christian symbol. In fact, the Celtic Cross has a provenance in the earliest period recognized as Celtic, which was 600 years before Christianity began (Ellis 1985). There is a pillar-cross from the Hallstatt period in Kilchberg, near Tübingen of south Germany that closely resembles many of the later crosses of Cornwall and Ireland (Ellis 1985). Crosses exist in the diaper-carved work of Celtic memorials of the La Téne period (characterized by intricate knot and interlace designs). A fragment from Steinenbronn contains
patterns that show up later in Irish Christian manuscripts and church carvings (Ellis 1985).

Megaliths were often Christianized in the early days of the Church by being marked with crosses. Some Ogham stones were reused as Christian gravestones, such as those at Port St. Mary on the Isle of Man (Archaeology Data Service: The Cronk 2007). The Life of St. Samson tells of how he carved crosses into a pagan stone at Tregeare (Ellis 1985). At Bridell in Dyfed, there is a ninth century A.D. cross that has been carved onto an earlier Ogham-inscribed standing stone. Well into the seventeenth century A.D., megaliths were still being converted into crosses in Brittany (Ellis 1985).

Peter Berresford Ellis offers an interesting interpretation of the continuity of the Celtic Cross from pagan to Christian times:

In its fully developed form, the wheel-headed Celtic high cross is a version of the world’s axis. It stands on a foursquare pyramidal base representing the world-mountain whose roots are buried in the earth. From the center of this arises the shaft, the axis proper. Close to the top is the Celtic cross itself. It is a sunwheel, reproducing a natural phenomenon observed occasionally in the skies when the sun’s light, shining through ice crystals, is diffracted into a cross-and circle pattern. At the center of the wheel is Christ, the cosmic man. The cross is topped by a house-like form, the hall of heaven, the abode of God, resembling a Celtic reliquary. (Ellis 1985: 49).

The cross base, in addition to representing the world-mountain, could also hearken back to the Lammas Hill tradition of the pagan Celts, as discussed earlier. The axis of the cross, then, could represent the flagstaff that usually was placed at the center of the Lammas Hill. Several
pre-Christian carvings depicting the sunwheel exist among pagan Celtic material culture. It has also been hypothesized that the circle represents the Celtic torc, a symbol of authority and power. The Christian interpretation is that the circle is a halo, like those depicted in the Irish manuscripts. The world-mountain base, the axis, and the sunwheel were holdovers from the pagan Celtic beliefs and iconography, while the Christ at the middle and the hall of heaven at the top were added to the cross to form what we now recognize as the Christian Celtic Cross.

**A Case Study of the Munster Christian Inscriptions**

Munster, Ireland includes the counties of Clare, Cork, Kerry, Limerick, Tipperary, and Waterford. This case study covers the early Christian period, A.D. 500 to A.D. 1200 (Okasha...
and Forsyth 2001). There are certain classifications of stones: pillars, slabs, and free-standing crosses.

Pillar stones are the earliest group of stones in Britain found with Christian inscriptions. They are tall, unworked (unshaped) natural stones, usually found standing upright. The main characteristic that distinguishes pillars from slabs is the thickness. Pillars have a thickness-to-width ratio of about 1:3 (Okasha and Forsyth 2001).

Slabs make up the largest group of inscribed stones and come in several different forms. Most slabs have crosses carved into them, ranging from simple to complex designs. *Early Christian Inscriptions of Munster* lists the following types of slabs: upright, small (with simple or no crosses), large recumbent, large plain (cross-less), and miscellaneous slabs. The thickness-to-width ratio of slabs is an average of 1:7 (Okasha and Forsyth 2001).

The script used on all the stones in this study have been incised, meaning that they were carved directly into the rock rather than carved in relief. Most of the stones from Munster contain a half-unical insular script, popular from the early eighth to early ninth century when insular decorative capitals were widely used in manuscript production (Okasha and Forsyth 2001). Old Irish, Middle Irish, and Latin were the primary languages used in stone inscriptions (Okasha and Forsyth 2001). The inscriptions written in Irish date from as early as the seventh or eighth century up into the twelfth century, reflecting the “development of the Irish language over this period from Old Irish (pre-A.D. 900) to Middle Irish (c. A.D. 900- c. A.D. 1300)” (Okasha and Forsyth 2001:36). Certain aspects of the inscription formulae give some indication of a monument’s date. For example, the use of *bennacht* (blessing) indicates a date of A.D. 900 or later (Okasha and Forsyth 2001). Some of the names inscribed on the stones can also be used for dating. Formulae use has varied through the centuries and it can be taken as a general rule that
the shorter texts will usually be earlier while longer texts will have a later date (Okasha and Forsyth 2001).

A number of the Munster stones contain a *Nomina Sacra*, the sacred names of God. These take the form of the monogram *ihs xps* (based on the Greek letters for the Latin form *Ihesus Christus*), found mostly on the eighth and ninth century stones (Okasha and Forsyth 2001). The Greek *alpha* and *omega*, the first and last letters of the Greek alphabet and also another name for God, has also been used as Christian symbols on stones, often associated with the sacred monogram *chi-rho* (the name of Christ) (Okasha and Forsyth 2001).

This case study will examine select stones from Okasha and Forsyth’s *Early Christian Inscriptions of Munster* and attempt to show how certain aspects of these Christian stones demonstrate a continuation of Celtic traditions from pagan times. The dates, descriptions, and stone names given are those of Okasha and Forsyth, but the interpretations based off these descriptions are my own.

*Island of Inishcaltra*

The site of the following two stone monuments is the island of Inishcaltra (Figure 6), located in County Clare, Munster. The island contains the ruins of four churches: St. Brigid’s, St. Caimín’s, St. Mary’s, and St. Michael’s. Inishcaltra also contains a round tower, a cell, a holy well, and a series of earthworks. The slabs found at the church sites were laid out in rows closely packed together, with the head oriented to the west in most cases.
This monument is located within the ruins of St. Caimin’s Church, cemented against the nave wall. The design patterns and the shape of the cross are consistent with the early twelfth century style, a revival from earlier centuries. The name Cathasach found on the stone has also led to a twelfth century date, of A.D. 1111. The surface is decorated elaborately with interlace design patterns. On the right panel is a quadruped (that could be taken to be a unicorn) with a human leg jutting out from its mouth.

Interpretation: The interlace pattern tradition, I believe, had been carried on from the La Téne period of artwork of the pagan Celts. As for the quadruped figure, the pagan Celts were well-known for their representations of animals on both their artifacts and in their mythology. Horses were especially favored as noble creatures, emphasized by the worship of the horse goddess, Epona. It appears that some regard for animal representation had remained into the Christian period and finds its manifestation in the carving found on this free-standing cross. However, the precise meaning or symbolism behind this horse-like carving is unknown.

Figure 7: Free-Standing Cross, St. Caimin’s Church (Okasha and Forsyth 2001)
This stone was found in the graveyard, probably *in situ* near the chancel of St. Caimin’s Church. It is a ringed Latin cross carved in false relief with semi-circular expansions at the terminals and two petals forming the bottom of the cross. The outlines of two shod footprints are incised to the right of the cross, one above the other. The text (Irish) reads *Coscrach Laignech* (Cosgrach the Leinsterman), who might be identified as the son of Angid and Bishop of Killaloe, who died in 1038. It has been suggested that the footprints indicate that the person commemorated died while on a pilgrimage while on the island on which the monument was found. The prints may represent his status as an outsider (made explicit by the use of *Laignech*, an ethnic label not found anywhere else in Ireland).

**Interpretation:** The footprints are the most interesting aspect of this particular cross-slab. In pagan times, a Celtic chieftain-to-be would step on a set of carved footprints as a symbol of the entering of his or her role as ruler. Stone impressions of footprints were reinterpreted by Christians as marks left by the saints, still retaining the pagan Celtic belief in the sanctity of such marks. It is possible that the footprint carvings on this particular cross-slab represent an association with a saint or perhaps even hearkens back to the pagan tradition of marking the stone’s owner as an authority figure of some sort. If Coscrach’s father really was a bishop, then it is possible that Coscrach gained a prominent position in the church as well.
**Scattery Island**

This island is located in County Clare, Munster. Since early Christian times, the island has been an ecclesiastical center. During the sixth century a monastery was founded there by St. Senan, but was later destroyed during the Tudor period. The remains of the monastery today include a round tower, the cathedral, and three other medieval churches.

**Inis Cathaigh: Large Cross-Slab**

The site name in which this stone is located is Teampall Seanáin, St. Senan’s Church. The stone is a large recumbent (laid out flat) cross-slab, probably dating to the ninth or tenth century, lying apparently *in situ* a short distance away from the ruins of the church. The head of the stone is oriented to the northwest. The stone is incised with a Latin cross made from a two-stranded interlace design ending in triquetra knots at each of the cross’s terminals. The first text reads, “a prayer for Moínach” and the second, “a prayer for Móenach tutor of Mogrón. Most people commemorated on slabs were identified only by their given name. The few that indicate relationship are written as being sons or grandsons of certain named people. This stone from Scattery Island is exceptional in that it identifies a person with a fosterage relationship.

*Interpretation: The pre-Christian Celtic culture put great emphasis on fostering. It was a common practice for a child to adopt a set of foster parents in addition to his or her blood parents. These foster parents would usually have the responsibility of teaching the foster child a*
trade or skill and were thus greatly respected by the foster child. The mention of this fostering relationship found on the Scattery Island slab could indicate an echo of that ancient Celtic view of the important bond between a teacher and student; between a foster child and foster parent. The use of the triquetra knots should also be noted, as they hearken back to the La Téne style of Celtic artwork.

*Teampall Mhanacháin: Pillar*

This site is located in County Kerry, Munster. It contains the remains of a stone oratory, the foundations of some dry-stone huts, a burial ground, and the remains of a sub-circular enclosure. Within the burial ground stand some cross-incised boulders and a few small slabs. The front of the oratory contains a tall ogham-inscribed pillar with two equal-armed crosses also carved into the stone.

Interpretation: It has been hypothesized that ogham writing was used by the pagan Celtic druids. The crosses carved upon the same stone were either carved at the same time as the ogham or later. If they were contemporary, that would indicate that perhaps some of the druids had been converted to Christianity and were still using their old writing system along with the new Christian symbols. If the crosses were added later, it was most likely the result of Christians wanting to put their mark on pagan monuments, indicating the dominance of Christianity over the old religion. Unfortunately, since the ogham inscriptions and crosses do not overlap each other anywhere (if they did, one would be able to tell which was carved first), it is very difficult to tell whether the crosses had been added later.
Knockane: Stone

The site of Knockane is located in the townland of Coumduff, County Kerry, Munster. The site comprises an area of open ground in the middle of the village of Knockane and is thought to be early Christian. At the site was found four sub-megalithic cists (the date of which is uncertain), most likely Bronze Age graves. The same site yielded a stone bearing a cross inscription with a chi-rho on the upper arm of the cross.

Interpretation: It was a common practice of the early Christians to meet at locations of burial for worship because places where bodies lay were considered sacred. Pagan burial places often served as such meeting places. Later, Christians began to build their churches and graveyards over pagan Celtic burials. The presence of the Christian symbol of the chi-rho and the cross in the context of possible pagan burials indicates that this site might have been such a Christian meeting place.

Innisfallen Island: Small Cross-Slab

The site is Abbey Church on the important monastery island of Innisfallen, County Kerry, Munster. The small cross-slab is a fragment of a carved stone, built into the church of the ruined Augustinian Monastery. Carved into the stone slab is an equal-armed cross enclosed in a circle. This cross-in-circle motif is quite common on the early Christian monuments of Ireland. The motif is mostly found on upright cross-slabs. This particular slab is probably from the seventh century, though could belong to an ornamental tradition that dates back to the sixth century.
Interpretation: The motif of the circle around the cross may have developed from the pagan Celtic tradition of the sunwheel, which can be found among Celtic iconography. Further examples of similar cross-in-circle motifs from Munster can be found in the appendix (Figures 11-14).

Reask: Burials

The site at Reask is an early Christian one, located in County Kerry, Munster. It was excavated in 1972 and 1975, revealing three phases of use. A radiocarbon date of A.D. 385 was assigned to the earliest occupation level, which was estimated to be between the fourth and seventh century. Bii ware sherds (Roman pottery) were found near the top of this level. The main feature of this earliest phase was a cemetery composed of 42 inhumation lintel and dug graves. These graves were oriented east-west in rows. None of their markers were in situ and most of the cross-slab collection was found scattered loose in the vicinity of the site. The second phase of occupation comprised the building of an oratory and stone huts (probably for metal- and glass-working). The last and main phase brought together elements of burial, worship, and domestic activities and craftsmanship of a monastic nature. This last phase was dated in the range of eighth to twelfth century.

Interpretation: The main focus here is the orientation of the burials. These graves were set in an east-west fashion, similar to the pagan Celtic practice of orienting their dead towards the west where they believed the Otherworld lay. The tradition appears to have been continued by the Christians through their burials.
The stunning manuscripts, which were created within a rather short period during the seventh and eighth centuries A.D., could be considered the most magnificent pieces of Insular Art. These manuscripts comprised the four New Testament Gospels in the Latin Vulgate. Portraits of the evangelists and scenes from the life of Christ appeared at various points in the text of the manuscripts (Wood 1998).

Many of the grave-slabs at monasteries contain decoration which illustrates the universal Celtism of the time. There was a striking similarity from the patterns, characters, and decorations on the stones to those of Irish manuscripts of the sixth and seventh centuries. Examples of these manuscripts would be the Gospels of St. Columba and St. Ceadda and the Books of Kells and Armagh (Allcroft 1930).

The illustrative designs that were integrated throughout the text drew on both Celtic and Classical tradition. The Interlace patterns, which were often combined with animal forms, reflected the spirals and shapes of La Téne carving, jewelry, and metalwork of centuries earlier. The colors and forms of animals and human figures may have been influenced by those found on Celtic enamel work of the later La Téne period. The eternal knot is characteristic of Celtic book decoration. Its origins lay in the plait motifs of the La Téne culture. For the Celtic Christians, the endless knot was an ideal expression of the boundlessness of God. The Book of Kells was perhaps the most spectacular of the surviving Insular manuscripts (Wood 1998).

Early Christian tradition viewed a variety of creatures as symbols of Christ and the evangelists. Given the Celts’ associations between divinity and metamorphosis, the Irish manuscript artists had no trouble continuing this tradition of animal symbolism in the context of
Christian themes. An example would be the belief held by the Celts that the flesh of the peacock was incorruptible, and thus the bird came to represent the eternal, resurrected Christ. Similarly, the early Church associated the gospel writers with heavenly creatures that appeared in the Bible. Matthew was symbolized by a man or an angel, but the rest of the evangelists were all animals. Mark took the form of a lion, Luke was symbolized as an ox, and an eagle represented John (Wood 1998).

✿ Conclusion ✿

Christianity was accepted by the pagan Celts mainly because the similarities that existed between Celtic and Christian beliefs made it easy for the pagan beliefs to be incorporated into the Christian ones. Continuity of pagan practices through Celtic Christian traditions ensured that the old Celtic culture did not die out with the advent of Christianity in Britain. Celtic Christianity left its mark in the archaeological record in the form of monasteries, cemeteries, chapels, and inscribed stones, as Christianity spread over Britain. Christianity served to create a new culture in Britain that manifested itself in a unique combination of old Celtic art and new Christian symbolism. Pagan Celtic art and beliefs intertwined with Christian ones to form what we today refer to as Celtic Christianity.

✿ Appendix ✿
Celtic Myths

The following are a few Celtic myths that have been included as background for the Celtic Christianity in Mythology section. These myths are summaries of the stories taken from Bellingham’s “Introduction to Celtic Mythology” (1990). The myths in this appendix include the following: Deirdre of the Sorrows, Culhwch and Olwen, The Fate of the Children of Llyr, and Tristan and Isolt.

Deirdre of the Sorrows

The Deirdre story was one of the most popular in Celtic oral tradition. Several versions of the tale were written down between the ninth and eleventh centuries and in early collections of Celtic literature, Deirdre of the Sorrows is one of the Three Most Sorrowful Tales of Erin (Ireland), which includes The Fate of the Children of Llyr and The Children of Turireann. It’s an episode from a larger hero-tale and deals with the theme of the outcast.

According to the myth, there was a man named Malcolm Harper and his wife who both wanted a child. An old man came to them from the gods and told them they would have a daughter, but she would be the cause of great bloodshed and three heroes would die because of her. When the girl was born, the mother gave her to a childless woman to be her foster-mother so that she would be taken away and hid. Before the foster-mother departed for the mountains, Malcolm named her daughter Deirdre.

Deirdre lived with her foster-mother in a hole beneath a mound on top of a mountain for sixteen years. She saw only her foster-mother and she was the fairest maiden in all Ireland. She
was unsullied by the greed and lust of others and blushed fiery red if any man looked upon her. But her foster-mother made sure no one saw her.

Then one day a hunter lost his companions in a storm and sought shelter by the mound. He asked to be let in and Deirdre did so. While he was there, he told her about Naois and his hansom brothers. Deirdre’s foster-mother had him leave and he went straight to King Connachar of Ireland, telling him he had found the most beautiful girl in all Ireland. He brought the king to the mound and when he saw Deirdre, he fell in love with her. She blushed fiery red, but she did not love him. He took her to his court in Ulster and told her he wanted to marry her. Deirdre told him to wait a year and a day, and then ask her again. Connachar agreed as long as she promised to marry him then.

One day, as Deirdre was sitting on a hillock by the castle, she saw three men approaching. She recognized them as Naois and his brothers and she immediately fell in love with Naois and ran down the hill after him and put three kisses on his brow. Naois had already had it in mind to marry her and now they both fled from Ulster to Alba (Scotland). They lived happily until the promised day arrived and when Deirdre did not come to King Connachar, he decided to avenge himself. He invited Naois and his brothers to a feast in Ireland and they accepted for they were honored to be invited to such a feast of heroes and they didn’t want to become enemies of Ireland by refusing. Deirdre knew it was a trap and asked them to stay, but Ferchar mac Ro, who had brought the message and didn’t know about the king’s plot, pledged that he and his three sons would fight to the death if any harm came to the brothers.

The king gave Deirdre and her brothers a house to stay in once they arrived in Ireland and then attacked them by night with three hundred men. She and the brothers heard them coming and made to escape back to Alba. Connachar sent for a Druid, who blocked their way with an
impenetrable forest. They got through, though, and then a great sea was put before them by the Druid’s magic but they swan across it. Then the Druid solidified the sea into rocks with poisonous adders. The two younger brothers died first from snakebites. Naois no longer cared whether he lived or died and his heart burst. King Connachar went to collect Deirdre, who was weeping over their bodies as if she was sorrow itself. The king laid the brothers in a burial pit and Deirdre leapt into the grave so that she could be with Naois in death. Connachar had her buried on the opposite bank of the loch and a mountain fir sprouted from the graves of Deirdre and Naois. “They grew towards on another, entwining themselves in a lover’s knot above the waters. They were cut down by the kind, but they grew again.” (Bellingham 1990:39)

*Culhwch and Olwen*

The story of Culhwch and Olwen is the best-known story of the *Mabinogion* collection and is also one of the earliest tales in which King Arthur appears. The story starts with Culhwch’s birth and his mother’s death. Before she died, she made her husband, King Celyddon Wledig, swear he wouldn’t marry again until a wild rose bush appeared on her grave. When the bush appeared several years later, Celyddon married King Doged’s widow. Culhwch’s step-mother told him that he could marry no one but Olwen of Arthur’s court. Arthur was Culhwch’s cousin and rode to him to ask for the hand of Olwen, daughter of Yspaddaden.

Arthur had never heard of such a woman, but promised to send his knights to search for her, but they returned with nothing after a year of searching. Culhwch said it was a mar upon their honor that they couldn’t grant him his one request. Arthur then selected several of his heroes to go with Culhwch on his quest. He sent Cei (Kay), Bedwyr (Bedivere) the One-Handed, Gwalchmai (Gawain), who was his nephew and heir, Menw, and Gwrhyr, who could speak the
language of animals. Kynthelig would go as their guide.

They rode for many days and came upon a huge castle with a giant shepherd named Custennin and his sheep outside of it. They asked him about Olwen and he invited them to dinner in his cottage. There, he told them that Olwen came there once every seven days and told them not to harm her. Then Olwen walked in at that moment. She had white skin, cheeks like roses, golden hair, and beautiful silken clothing studded with gems. White, three-leaved flowers sprang up in her footsteps (Olwen actually means “white track”). (Bellingham 1990:91)

Culhwch told of his love for her and she returned his love but warned that he must first perform tasks set by her father, Yspaddaden Pencawr, in order to win her. So Culhwch and the knights went to see him and Yspaddaden told them to come back the next day, throwing a dart at their backs as they left. Bedwyr caught it and hurled it into King Yspaddaden’s knee. The next day, the same thing happened and Menw caught the dart, throwing it back at the king’s chest. On the third day, Culhwch caught it and hurled it into Yspaddaden’s eye. Then the king promised he could have his daughter if he promised to get him a comb, razor, and scissors for his hair and beard and the only ones that could do the job were located between the ears of the monstrous boar, Twrch Trwyth. The king advised Culhwch to enlist the aid of Mabon the Hunter, for only he and his dog, Drydwyn, could capture the boar. But no one had seen him since he was snatched from his mother when he was three days old. So the king told the knights to find Drydwyn’s kinsman, Eidoel, who might be able to tell them where Mabon was.

Culhwch and the knights set out and found Eidoel, who took them to an old, enchanted bird, who took them to an older stag, who led them to an even older owl, who directed them to an eagle who was older yet. None of them knew where to find Mabon. Finally, the eagle took them to the oldest one of them all, a salmon. The salmon took them upstream to Gloucester
where they heard Mabon crying in a dungeon there. The knights went back to Arthur and returned with Arthur and his army to rescue Mabon. Then they all went looking for the boar, Twrch Twryth.

The boar laid waste to one-fifth of Ireland as they hunted it and swam across the sea to Wales. Many of Arthur’s champions were killed in the pursuit and still they followed the boar. In Wales, the boar came to the River Severn and Mabon snatched the razor and scissors before it crossed over into Cornwall. After a struggle on the opposite shore, they took the comb as well and the boar disappeared beneath the water, never to be seen again.

Culhwch, Arthur, and his men took the comb, razor, and scissors back to Yspaddaden, cursing him for causing the deaths of so many of Arthur’s men. They shaved him down to the bone and he let Culhwch have Olwen as his wife.

*The Fate of the Children of Llyr*

It is not certain how old the tale of the children of Llyr is, but the earliest surviving accounts were written during the eighteenth century. It is one of the Three Sorrowful Tales of Erin and begins with five kings of Ireland meeting to elect one great king among them. They chose Dearg because he was the son of a highly respected Druid. King Llyr, who was expecting the high kinship, went away angry. King Dearg wanted to keep the peace and so he offered Llyr a wife from among his foster children. Llyr accepted the offer and married the oldest daughter, Ove. His new wife bore him a daughter and a son, Fingula and Aod and later two sons, Fiachra and Conn. The last birth brought about Ove’s death and Llyr had loved her dearly as well as his children.

Dearg sent Llyr his second foster-daughter, Oifa, as a wife. She was jealous of Llyr’s
children and one day she took them to the Lake of the Oaks and told them to swim in it. As they waded in, she cast a spell on them using a wand that had been given her by a Druid and threw silver chains over their necks, transforming them into swans. She refused to lift the curse until Lairgnen of Connaught married Deoch of Munster. For nine hundred years the children would sail the lakes and rivers of Ireland, singing, for Oifa had granted them beautiful singing voices out of remorse. Oifa then returned to the court of Dearg.

Dearg was suspicious of Oifa and sent a message to Llyr. Llyr then rode to the Lake of the Red Eye where the children were. The children still were able to speak, even in their swan form, and told him of the curse. Llyr, in turn told Dearg who confronted his daughter, asking her which shape was worst to be transformed into. Her reply was a demon of air and thus Dearg turned her into one with his wand.

The years passed and Fingula protected her siblings from the storms with her wings. Many years later, the children of Llyr returned to the Hill of the White Field where their father’s castle had been and found it in desolation with their father dead and the walls gone. The swans flew off to the Isles of the West and finally the prophesy came true when Deoch, Princess of Munster, married Lairgnen, Prince of Connaught. But Deoch would not marry him until he had brought her the swans. Lairgnen found them and removed their chains. They became human again but were now old men and Fingula was an old woman. They died within an hour and were all laid to rest together.

*Tristan and Isolt*

The story of Tristan and Isolt has undergone many changes since it first appeared in pagan times. There are five early accounts, all of which probably derived from an earlier written
version which is no longer extant. Scholars hypothesize that the first written version was a culmination of an oral tradition dating to the pre-Christian Celtic story. By the thirteenth century, the *Tristan and Isolt* myth had become part of mainstream Arthurian legend.

The story takes place in Cornwall where King Mark was at war with Ireland. Rivalin of Lothian came from Scotland to help and Mark gave him his sister for a wife out of gratitude. When Rivalin returned to Scotland, his wife died in childbirth and he named his son Tristan because he was born in the midst of sorrow. Tristan was taught fighting, hunting, diplomacy, and swimming by Gorvenal, a member of Rivalin’s court. When there was no longer anything Gorvenal could teach him, Tristan journeyed to Cornwall where King Mark gave a feast for him. Tristan told no one there who he was because he wanted them to receive him out of respect for his behavior rather than his royal title.

Tristan stayed at Titagel with Mark for a year as the war with Ireland ended. Mark had signed a treaty, promising to send an annual tribute of Cornish boys and girls to become slaves to the Irish King. Once Tristan and his Lothian warriors had arrived, Mark refused the payments. Morholt, champion and brother of the Irish queen, was sent to demand the tribute. Tristan was eager to prove himself and so challenged Morholt to single combat. Morholt accepted the challenge on the condition that his adversary be equal to him in royal bearing. Tristan then revealed himself as the nephew of King Mark.

The fight took place on a small island near Titagel. It was a long, bloody battle, but Tristan finally struck the final blow to Morholt’s skull and his body was carried back to Ireland. Tristan’s sword splintered when he struck Morholt’s head and now a fragment of his sword was missing. Isolt, the Irish King’s daughter, had been taught the magic properties of herbs and attempted to revive Morholt. In the process, she found a piece of metal in his skull and
kept it, knowing one day that she would find the sword it came from and avenge her uncle.

Tristan had suffered a wound from Morholt’s spear, not realizing it had been dipped in a poison made by Isolt. The wound began to fester and Tristan sought the antidote which he had heard was in Ireland. When he landed on the Irish shore, he introduced himself as Tantris the minstrel. He was tended by Isolt’s maids, who cured him using her herbs. But the two never met before Tristan returned to Cornwall.

At the court in Cornwall, some had become jealous of Mark’s affection for Tristan and planned to find Mark a wife so that he would have a son to inherit Cornwall. Mark was aware of this and found a way to put off such a marriage. A bird had dropped a golden hair of a woman on his lap one day and he announced that he would marry only the owner of the hair. There would be a reward for the one who found her and Tristan volunteered. He set sail and was shipwrecked on the coast near Dublin. Once there, he heard news of a dragon that had been destroying the countryside. The King of Ireland offered Isolt to he who brought evidence of its death. Tristan killed the dragon and cut off its tongue, putting it in his sock as he set out for Dublin. But the warmth of his body drew out the poison from the tongue and Tristan collapsed on the road.

The king’s steward had been watching all of this. He chopped off the dragon’s head and took it to the king. Isolt didn’t want to marry him, for he was considered a coward and liar by the court. Instead she went to the dragon’s lair with her mother and Brangaine, her maidservant. She found Tristan on the road and took him back to heal him. The healing process took weeks and in that time, Isolt grew attracted to him. One day, as Isolt was cleaning his armor, she noticed the notch in his sword. She fetched the splinter she had saved and it fit into the gap. Her feelings of love for Tristan turned to hate and she confronted him, telling him of her
oath of revenge. Tristan claimed there was no treachery involved in Morholt’s death and pointed out that Isolt would have to marry the steward if she killed him, for only Tristan could prove that the steward lied about the dragon.

The next day, the steward made his formal claim to Isolt in front of the court. Tristan stepped up and revealed the truth, showing the tongue as well as the hair, for he now knew it belonged to Isolt. He told them he was the nephew of King Mark and the King of Ireland let him take Isolt back with him to be Mark’s wife. Before they left, Isolt’s mother sent a love potion with Brangaine, telling her to pour it into Mark’s and Isolt’s wine so that they would be bound together in love and the peace between their countries would last.

On the voyage to Britain, there came a day that was very warm and calm. Isolt asked Brangaine to bring her an herbal drink to refresh her. Brangaine accidentally gave her the love potion and after drinking it, she gave some to Tristan since it was the custom to drink from the same bowl. They arrived at Tintagel and Mark was pleased with Isolt. The following months involved a long line of deceits, for Tristan and Isolt could not keep away from each other. The potion’s effects were too strong to resist and were intended to last three years. Both felt guilty, for they both had deep affection for King Mark.

Those who had been jealous of Tristan now had a way to put him out of favor and they aroused Mark’s suspicions. Mark expelled Tristan from court and the lovers began meeting at a spring that flowed from an orchard outside the city walls. Andret, one of those who was jealous of Tristan, asked a Druid to use the stars to determine whether Tristan and Isolt were still seeing each other. The Druid saw the spring and orchard in the night sky and predicted a tryst while the king would be hunting wild boar. Andret planned to bring the king back early and catch Tristan and Isolt.
They were discovered the night of the hunt and were sentenced to be burned in a pit. Isolt told Tristan to save himself and he jumped off a cliff into the sea as they were being led to the pit. As Isolt was being led there, some diseased men came up and asked that they give Isolt to them for their pleasure since she would die anyway, claiming that her death would appease the evil demons that brought disease to the lands. Those who were leading Isolt to the pit agreed and the diseased men took Isolt away.

Tristan had survived his fall and now ambushed Isolt’s captors. They fled to the woods and lived there for months. The effects of the love potion were wearing off and they awoke into a world of harsh reality. Their love became real, but they also had a strong remorse for hurting Mark. Tristan decided he must leave Cornwall for Brittany and Isolt returned to Mark, swearing an oath of loyalty to him. In Brittany, Tristan no longer cared whether he lived or died and offered himself in service to King Hoel and then proved himself in a battle against a neighboring tribe. At the victory feast, Hoel gave his daughter, Isolt of the White Hands, to Tristan as his wife.

Tristan, remembering the Isolt he had left in Cornwall, could not bring himself to make love to his new wife and used an old battle wound as an excuse. One day, while Isolt of the White Hands was hunting with her brother, Kaherdin, some mud splashed on her thighs and she joked that even the mud was more interested in her than her husband. Kaherdin later questioned Tristan about this and Tristan told him the real reason for his coldness, but said he’s try to forget his old love.

The next day there was a surprise attack on the fort and Tristan was severely wounded. Isolt of the White Hands did not have the herbal cures of Isolt the Fair and he knew he would die unless his Isolt came. He sent Govenal to get Isolt and told him to put up a white sail if she
agreed to come; if not, he was to put up a black sail. Isolt of the White Hands overheard these
directions and was jealous. Tristan was weak and on the verge of the Underworld when a ship
was seen approaching days later. Tristan asked the color of the sail and his wife in her jealousy
replied that it was black. Tristan’s heart burst as Mark and Isolt ran into the room. Isolt fell on
Tristan’s sword, following him into the Underworld.

Mark took the two of them back with him to Tintagel and buried them side by side in two
mounds. Two trees with intertwining branches grew from their graves and then disappeared.

Archaeology Data Service Sites

The following are site reports taken from the Archaeology Data Service online. They
contain descriptions, locations, etc. of archaeological sites mentioned throughout this paper.

NENDRUM MONASTIC SITE: CHURCH, ROUND TOWER etc.

Description

The monastery is said to have been founded in C5th by St.Mochaoi & its abbots & bishops are
recorded in the annals C7th-9th. In 987 it was burned probably in a Viking raid. The site now
consists of the ruins of a church, round tower, enclosures, buildings, graves, carved stones & a
rare pre-Norman sundial. The site is surrounded by 3 concentric enclosures. There are many
burials within the inner &middle enclosures, some predating the church. In the middle enclosure
is a monastic workshop. See SM7 for details.

Location

NENDRUM; MAHEE ISLAND; TULLYNAKILL; ARDS; Northern Ireland

Grid ref. OSI - J 5244 6363
Grid ref. LL - 005 38 48 W 54 29 52 N

Subject type and period
ECCLESIASTICAL SITE, EARLY CHRISTIAN MONASTERY, EARLY CHRISTIAN ROUND TOWER, EARLY CHRISTIAN ENCLOSURES (3), EARLY CHRISTIAN CARVED STONES, EARLY CHRISTIAN BURIALS, EARLY CHRISTIAN BEEHIVE HUTS, EARLY CHRISTIAN SUNDIAL, EARLY CHRISTIAN WORKSHOP, EARLY CHRISTIAN

Record maintainer (Contact details): DoENI Environment and Heritage Service

Resource Name (description): Northern Ireland Sites and Monuments Record

Depositor's Id No.: DOW017:005

Type: Collection

(Archaeology Data Service: Nendrum Monastic Site 2007)

KNOWLTON CIRCLES

Description

AML Survey Database Reference No.: 673 Survey type: Magnetometer: recorded gridSurveyed to establish the nature of two 'bank and ditch' enclosures; gradiometer survey of the North 'Henge' and adjacent 'Old Churchyard'.

Location

KNOWLTON CIRCLES; WOODLANDS; EAST DORSET; DORSET; England

Grid ref. OSGB - SU 02 10
Grid ref. LL - 001 58 W 50 53 N

Subject type and period: CIRCULAR ENCLOSURE, Uncertain

Project dates: 1995

Intervention type: Survey - geophysical

Responsible for Work: Bournemouth University Department of Archaeology

Paper/microfilm archive: location: Bournemouth University Department of Archaeology
THE CRONK

Description

Ballaqueeney. Site of an Early Medieval chapel (keeill) and inhumation cemetery uncovered in 1894 during railway construction. Some of the lintel graves had reused 5th-6th century ogham stones. A cross-slabb came from this site, no longer in situ. A coin hoard deposited in circa 960 was also found.

Location: PORT ST MARY; RUSHEN; ISLE OF MAN; ENGLAND

Grid ref. OSGB - SC 2065 6855
Grid ref. LL - 004 44 31 W 54 04 52 N

Subject type: CEMETERY, CHAPEL, COIN HOARD, CROSS SLAB, FIND, LINTEL GRAVE, OGHAM STONE, SUB SURFACE DEPOSIT

Period: EARLY MEDIEVAL, 400 - 599, 950 - 970

Record maintainer (Contact details): English Heritage, National Monuments Record

Resource Name (description): English Heritage National Inventory (NMR)

Depositor's Id No.: SC 26 NW 13

Type: Collection

(Archaeology Data Service: The Cronk 2007)
Figure 1 Distribution of Celtic Tribes throughout Europe (pre-Christian) (Jones 2008)
Figure 2: Knowlton Church and Henge (English Heritage NMR 2007)

Figure 3: Muiredach's High Cross (Sullivan 2008)
Figure 2: Ogham stones in early Christian cemetery, County Kerry, Munster, Ireland (Ketchum 2005)

Figure 6: Inishcaltra, County Clare, Munster, Ireland (Okasha and Forsyth 2001)
Figure 11: Cross-in-Circle, Gallarus site, County Kerry (Okasha and Forsyth 2001)

Figure 12: Cross-in-Circle, St. Crónán's Monastery, Roscrea, County Tipperary (Okasha and Forsyth 2001)
Figure 13: Cross-in-circle, Toureen Peacaun, County Tipperary (Okasha and Forsyth 2001)

Figure 14: Cross-in-Circle, St. Carthage’s Cathedral, County Waterford (Okasha and Forsyth 2001)
Acknowledgements

Special thanks to Dr. Susannah Lloyd, Dr. Connie Arzigian, Dr. James Theler and Dr. Joseph Tiffany for their contributions of literary resources, helpful comments, and corrections. Their contributions of time and knowledge to the construction of this paper are greatly appreciated. Thanks also to the University of Wisconsin LaCrosse Undergraduate Research Grant, without which I would not have been able to access certain books and materials for the writing of this paper.
Allcroft, A. Hadrian

Allen, J. Romilly

Archaeology Data Service

Archaeology Data Service

Archeology Data Service

Bellingham, David
1990 *An Introduction to Celtic Mythology*. Chartwell, Secaucus, New Jersey.

Cunliffe, Barry

Ellis, Peter Berresford

English Heritage: National Monuments Record
2007 Knowlton Church and Henge. Electronic Document, http://images.google.com/imgres?imgurl=http://viewfinder.english-heritage.org.uk/gallery/450/nmr/nmr_4492_09.jpg&imgrefurl=http://viewfinder.english-heritage.org.uk/search/reference.asp%3Findex%3D1%26imageUID%3D75741%26main_query%3D%26theme%3DANCIENT%26SITE%26period%3D%26county%3D%26district%3D%26place_name%3D&h=295&w=450&sz=20&hl=en&start=25&um=1&tbnid=oKad0iQTi0mTLM:&tbnh=83&tbnw=127&prev=/images%3Fq%3Dknowlton%2Bhenge%26start%3D20%26ndsp%3D20%26um%3D1%26hl%3Den%26rlz%3D1T4ADBR_en-US211US213%26sa%3DN, accessed May 6, 2008.
Eogan, James

Foley, C.

Gougaud, Dom Louis

Green, Miranda

Green, Miranda

Harsall, Paul

Jones, Mary

Ketchum, Sheena
Laing, Lloyd
1975 Late Celtic Britain and Ireland c. 400-1200 AD. Methuen, London.

Lloyd, Susannah

McNeill, John T.

Mount, Charles

Muir, Richard and Humphrey Welfare

Davies, Norman

Okasha, Elizabeth and Katherine Forsyth

Pennick, Nigel

Ross, Anne

Sullivan, Mary Ann

Thomas, Charles

Wood, Juliette