Monasteries and places of power in pre-Viking England: trajectories, relationships and interactions

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EARLY MEDIEVAL MONASTICISM IN THE NORTH SEA ZONE
Proceedings of a conference held to celebrate the conclusion of the Lyminge excavations 2008–15

Edited by
Gabor Thomas and Alexandra Knox

General Editor: Helena Hamerow
Oxford University School of Archaeology
Editor’s Foreword

Anglo-Saxon Studies in Archaeology and History is a series concerned with the archaeology and history of England and its neighbours during the Anglo-Saxon period.

ASSAH offers researchers an opportunity to publish new work in an inter- and multi-disciplinary forum that allows for a diversity of approaches and subject matter. Contributions placing Anglo-Saxon England in its international context are as warmly welcomed as those that focus on England itself.

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The Editor is grateful to the contributors to this volume for their prompt and efficient responses, and to those peer reviewers who have taken the time to read and comment upon submissions.

All papers for consideration for future volumes should be sent to the Editor.

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Abstract
Recent archaeological studies conducted at different scales, from the level of site through to landscapes and regions, have focused critical attention on the connections and interactions existing between secular and religious realms of life in Anglo-Saxon England. Settlement archaeology has made an important contribution to this re-evaluation by drawing attention to a series of high-status residences of the seventh–ninth centuries AD whose trajectories and lifestyle blur the boundaries between monastic and secular aristocratic culture in pre-Viking England. Recent excavations in the Kentish village of Lyminge extend an appreciation of this theme into a region which has hitherto suffered from a deficit of Anglo-Saxon settlement archaeology. Originally conceived to improve archaeological understanding of a documented pre-Viking monastery, the Lyminge Project has subsequently gone on to uncover the remains of a separate and spatially distinct royal focus – a rare example of a seventh-century ‘great hall complex’ – grafted onto an earlier fifth–sixth-century settlement. A provisional interpretation of these results was published in 2013, but it is now possible to offer a more nuanced and richly textured account in the light of more recent findings and radiocarbon dating. This paper draws upon these new insights to reassess the settlement sequence and to evaluate Lyminge’s wider contribution to relevant debates in early medieval studies.

Introduction
Three seasons of excavation have passed since the last synthetic overview of the Lyminge Archaeological Project was submitted for publication in 2012. This was written when the ink was barely dry on the first campaign in a new scheme of excavation designed to channel the momentum of previous fieldwork into the investigation of a large, centrally located open space within the village known as Tayne Field (Figs 1 and 3). The conclusions put forward in this earlier paper were necessarily provisional and, in a strong measure, predictive – hypothesizing what might be found in future years on the then available evidence. As a consequence, it is hardly surprising that parts of the synthesis advanced in 2012 require revision in the light of new archaeological discoveries and changes in perspective. With the final campaign of excavations now at an end, this contribution takes the opportunity to review what new evidence has been found and to evaluate its wider significance for Anglo-Saxon studies. The first part of the discussion reviews the evidence for two successive, but chronologically distinct, phases of Anglo-Saxon occupation unearthed on Tayne Field, together offering vital evidence for Lyminge’s embryonic development and consolidation as a theatre of royal power. This is followed by a concluding discussion which draws out the key strands of interpretation and examines their implications for future analysis and wider research agendas.

Establishment and consolidation: Lyminge before the seventh century AD
In 2012, it was already possible to make some clear statements on Lyminge’s early, pre-Christian, development based upon fresh archaeological discoveries. At that point in the project, domestic settlement remains of characteristic early Anglo-Saxon type had been identified at two sites within the village: a cluster of four sunken-featured buildings and a rectangular ground-level building of post-hole construction at the bottom of Rectory Lane, and a fifth sunken-featured building investigated as part of the inaugural season on Tayne Field (Figs 2 and 3). The wide separation of these two sites suggested that occupation of this period formed a spatially diffuse sprawl straddling the headwater of the River Nailbourne. While the structural remains seemed fairly typical of the period, albeit evincing some regional tendencies, the rich cultural assemblages recovered from the backfilled remains of the sunken-featured buildings clearly marked for further analysis. A provisional interpretation of these results was published in 2013, but it is now possible to offer a more nuanced and richly textured account in the light of more recent findings and radiocarbon dating. This paper draws upon these new insights to reassess the settlement sequence and to evaluate Lyminge’s wider contribution to relevant debates in early medieval studies.

Concluding discussion
A more detailed account of the results from the final campaign of excavations is provided in the full report, but it is possible tentatively to summarize the main conclusions. The evidence points to the establishment of a separate, and spatially distinct, royal focus at Lyminge in the seventh century. This is suggested by the presence of a large, central structure, possibly a ‘great hall complex’, which was probably constructed on top of an earlier fifth–sixth-century settlement. The evidence from the final campaign of excavations supports this interpretation, and it is now possible to offer a more nuanced and richly textured account of the settlement sequence and its wider significance for Anglo-Saxon studies.

Monasteries and places of power in pre-Viking England: trajectories, relationships and interactions
Gabor Thomas
Fig. 1 Map showing location of excavations in relation to the modern-day topography of Lyminge village.
sixth–seventh-century Lyminge out as a prosperous and socially pre-eminent community.²

The results of the ensuing three seasons of excavation add significant new detail and texture to this basic sketch. It is almost certain that the plateau of Tayne Field, a spur projecting into the main axis of the valley of the River Nailbourne, and directly overlooking its source, formed the epicentre of the early Anglo-Saxon settlement as well as its longest-lived component. The discovery of significant prehistoric activity in this same locale has also opened up a new vista for exploring the relationship between antecedent landscape features and Lyminge’s emergent identity as a place of early medieval power and authority.

To understand the substance behind these statements, it is necessary to provide a brief summary of the newly unearthed evidence. For convenience, this can be broken down into features of, respectively, structural, and non-structural, character (Fig. 4); typological and radiocarbon dating indicates that these various components belong to a single, contemporaneous phase of occupation centring on the sixth century AD, pre-dating the site’s subsequent redevelopment as a ‘great hall complex’ in the seventh century (Table 1).³ Of the former, there were a further three sunken-featured buildings and one clearly identifiable ground-level building of post-hole construction of greater scale and architectural pretensions than that excavated in 2010 and displaying clear evidence for multiple constructional phases (Fig. 5). Non-structural features were present in two categories, both of which produced prodigious volumes of dumped midden material: a spatial cluster of three pits located at the western end of Tayne Field which shared large dimensions and carefully cut vertical sides and flat bases (Fig. 6), and, some 30 m to the north-west, a substantial...
infilled hollow, with plan dimensions of c. 18 m north-south by 12 m east-west.

It is possible to gain an enriched understanding of Tayne Field as the likely ancestral cult focus of Anglo-Saxon Lyminge by drawing attention to the considerable body of prehistoric archaeology unearthed in the 2012–15 excavations. Particularly germane to the current discussion is a previously unidentified Bronze Age barrow located on the north-east edge of the Tayne Field plateau, investigated as part of the 2014 excavation campaign (Figs. 4 and 5). It seems highly probable that this prehistoric monument influenced the layout and spatial development of the early Anglo-Saxon settlement on the grounds that the southern arc of the ring-ditch was directly superimposed by the aforementioned post-built hall representing the most significant structural component of the fifth–sixth-century occupation. Although this proposal lies beyond stratigraphic proof, it nevertheless falls into a coherent pattern of prehistoric monument reuse identified on fifth–seventh-century Anglo-Saxon

Table 1  Selected radiocarbon dates from the Tayne Field Anglo-Saxon settlement sequence.

<table>
<thead>
<tr>
<th>Context</th>
<th>Sample number</th>
<th>Radiocarbon age (BP)</th>
<th>Calibrated 68% confidence</th>
<th>Calibrated 95% confidence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dates for pre-hall-complex occupation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Primary infill of midden-filled solution hollow OxA-31785</td>
<td>1598±26</td>
<td>cal AD 414–534</td>
<td>cal AD 405–537</td>
<td></td>
</tr>
<tr>
<td>Primary infill of midden-filled solution hollow OxA-31786</td>
<td>1602±26</td>
<td>cal AD 410–533</td>
<td>cal AD 401–537</td>
<td></td>
</tr>
<tr>
<td>Primary fill of pit [6118] OxA-31719</td>
<td>1629±27</td>
<td>cal AD 388–527</td>
<td>cal AD 347–535</td>
<td></td>
</tr>
<tr>
<td>Secondary fill of pit [6788] OxA-31721</td>
<td>1602±26</td>
<td>cal AD 410–533</td>
<td>cal AD 401–537</td>
<td></td>
</tr>
<tr>
<td>Dates for hall complex</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hall A</td>
<td>OxA-31717</td>
<td>1479±27</td>
<td>cal AD 560–613</td>
<td>cal AD 544–640</td>
</tr>
<tr>
<td>Hall sequence B Phase 2 OxA-31726</td>
<td>1409±35</td>
<td>cal AD 615–656</td>
<td>cal AD 579–668</td>
<td></td>
</tr>
<tr>
<td>Hall sequence B Phase 3 SUERC-50221</td>
<td>1269±42</td>
<td>cal AD 681–770</td>
<td>cal AD 662–870</td>
<td></td>
</tr>
<tr>
<td>Hall sequence C Phase 3 OxA-31788</td>
<td>1259±26</td>
<td>cal AD 673–764</td>
<td>cal AD 663–770</td>
<td></td>
</tr>
</tbody>
</table>
settlements echoing similar practices in contemporary funerary contexts.\textsuperscript{4}

This interpretation can be developed further by taking into consideration clues that the hall concerned enjoyed focal or special significance within the settlement. It has previously been noted that this structure had a complex and extended structural biography reflected in a palimpsest of overlapping wall alignments which is unusual at this early period.\textsuperscript{5} In addition, two pieces of Anglo-Saxon metalwork – an annular brooch and a delicate dress-pin measuring 120 mm long – were recovered from the foundations of this building, the former from a doorpost marking a principal entrance aligned on the mound of the barrow. According to the latest research examining the theme of ‘special deposits’ on Anglo-Saxon settlements, it is exceptionally rare to find metalwork deposited in association with halls and the Lyminge building is almost certainly unique in having a pair.\textsuperscript{6} While somewhat earlier in date, it can be noted that the depositionary treatment of these items has clear affinities with articulated human/animal remains.

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\textbf{Fig. 4} Plan of Tayne Field excavations showing features relating to the two main phases of Anglo-Saxon occupation.
Fig. 5  Vertical view of the post-hole building in relation to the Bronze Age ring-ditch and infilled solution hollow.

Fig. 6  The largest of the three pits from the western pit-cluster.
placed within the structural foundations and thresholds of major seventh-century Anglo-Saxon halls at the aristocratic sites of Cowdery’s Down, Hampshire (Building C12) and Yeavering, Northumberland (Building D2). Any assessment of the influence of the antecedent landscape over Lyminge’s formative development must also take into account the barrow’s conspicuous neighbour: the large midden-filled hollow sampled in 2014–15 (Fig. 5). The current hypothesis is that this feature represents the infilled remnants of a prehistoric sink-hole or ‘doline’, the original formation of which pre-dated the construction of the neighbouring barrow. While unusual in a valley bottom setting, juxtapositions of a similar kind have been identified in preserved tracts of prehistoric downland such as the Dorset ridgeway, attracting the theory that Bronze Age peoples attached particular cosmological significance to natural sink-holes as portals to the Otherworld.

The key significance of the hollow for current purposes, however, is that it appears to have enjoyed a significant secondary life synchronous with the embryonic development of the Anglo-Saxon settlement. The earliest evidence for this early medieval appropriation comprised a 2-m-wide flint ramp which descended from the northern lip of the hollow to an interior depth of 2 m at a consistent 26 degree gradient (Fig. 7). This feature is difficult to explain, but may have been constructed to aid the extraction of fine quality clay which, according to cores extracted from the hollow’s lower stratigraphic horizons, accumulated under natural erosional processes during later prehistory. The ramp was subsequently buried by the first of an extended sequence of dumped deposits representing the systematic disposal of midden material generated by intense and sustained occupation and industrial activity. The process of infilling appears to have been punctuated by specific events of intense burning and a longer period of stabilization when the hollow, by then no more than a shallow bowl, was exploited as a setting for industrial activity represented by in situ hearths and associated deposits of metalworking slag and furnace lining (Fig. 8).

The thick ‘layer-cake’ of stratigraphic superimposition within the hollow implies a relatively lengthy period of deposition which is to some extent confirmed by available dating evidence. Diagnostic dress-accessories indicate that the core period of infilling occurred in the period AD 500–70 and that the hollow had been completely infilled by the close of the sixth century at the latest (Fig. 9). There are some indications that the earliest phases of the hollow’s use, represented by the flint ramp and the midden deposits lying in direct superimposition, may date back into the fifth century. This is supported by clear differences in the material cultural signatures derived from relevant contexts: on the one hand, these lacked the diagnostic metalwork and vessel glass frequent in later levels, and on the other, produced a pottery assemblage characterized by a distinct admixture of Late Romano-British and early ‘Germanic’ forms. It may be further noted that a fifth-century inception can be safely accommodated within the error ranges associated with radiocarbon determinations from these same contexts (Table 1).

There is one final point that needs to be made in evaluating the influence of the antecedent cultural landscape on Lyminge’s early medieval trajectory: the fact that the multi-period archaeology uncovered on Tayne Field was totally devoid of in situ Romano-British occupation. This chronological gap, mirrored in all recent interventions within the village, takes on particular significance in light of the long-established tradition that a Romano-British villa was sited at the end of the chalk ridge later inhabited by the Anglo-Saxon church and its medieval successor. Many commentators have accepted this tradition at face value with the result that Lyminge is frequently cited in the literature as an Anglo-Saxon centre displaying strong and direct continuity with the Romano-British past.

This notion seems increasingly untenable in light of the chronological gap noted above: if there was indeed a Romano-British presence in this locale it was most unlikely to have matched the scale or economic significance of a villa and a smaller, perhaps ritual, focus is the more likely scenario given Lyminge’s springhead location.

It remains to make some provisional and necessarily selective observations on the economy and social identity...
Fig. 8 North-facing section across the infilled solution hollow showing the complex depositionary sequence as revealed by excavation in 2014. The in situ hearth shows up as black and orange banding at roughly the mid-point of the picture with more extensive burnt horizons below towards the right-hand edge of the section. An exposed portion of the flint ramp appears at the bottom of the sequence, part of which has been removed for sampling. Depth of section approximately 2 m.

Fig. 9 A selection of the sixth-century gilded dress-accessories recovered from the infilled solution hollow.
of the early settlement gleaned from the large cultural assemblages recovered over 2013–15. First is the strong imprint made by ironworking reflected in large quantities of smelting and smithing slag and furnace lining recovered from the cluster of pits identified in the western sector of Tayne Field and from the infilled solution hollow. This evidence anticipates by over a century a charter reference dated AD 689 attesting that the royal vill (cors) of Lyminge enjoyed proprietorship of an iron mine. By the time this charter was issued, it would thus appear that Lyminge’s involvement in iron production was already long established. The co-occurrence of smelting and secondary smithing debris at this early period is particularly significant as evidence for the centralization of the production process as a means of controlling the conversion of iron ore into finished products.

A second point is that early Anglo-Saxon Lyminge played host to not one, but a multiplicity of specialist technologies. This extended to the manufacture of bronze artefacts employing both cast and wrought technology, the former attested by mould and crucible fragments, and the latter by a miscellany of sheet and wire offcuts, rivets and other attachments from composite objects. More tantalizing is the possibility that such specialization extended to the production of glass vessels. Standing at around 600 sherds, Lyminge has produced, by a considerable margin, the

![Plan of the seventh-century great hall complex; arrows mark the position of entrances.](image-url)
largest assemblage of vessel glass from a rural settlement in early Anglo-Saxon England. Preliminary analysis has highlighted clues strongly suggestive of on-site production: a significant quantity of Roman glass intended for recycling and waste products in the form of raw/molten glass, accompanied by possible moils from the glass-blowing process. In the absence of more emphatic evidence in the form of glass furnaces and crucibles, confirmation for on-site production must ultimately await the results of detailed scientific analysis as a key priority of the post-excavation programme. Regardless of the final outcome of this analysis, however, it is the scale of consumption of glass vessels which deserves attention: in the period under review, one has to look to high-status fortified enclosures and monastic settlements in Celtic-speaking regions of Britain to find a comparable assemblage from a settlement context.

Much more could be said on the wide range of portable material culture from this early period, but it is interesting to consider what is poorly represented. Textile manufacturing equipment is an immediate case in point: no loom-weights or shears were recovered from the 2013–15 excavations, and pin-beaters and spindle whorls were found in only limited numbers. This under-representation demands some explanation given the vast quantities of midden material sifted in these campaigns and the general ubiquity of textile manufacturing equipment on early Anglo-Saxon settlements. Since textile production appears to have been a female-gendered activity closely associated with the domestic sphere, the paucity of such objects might be interpreted as a reflection of Tayne Field’s special status as a ritual/ceremonial focus of the settlement.

Royal appropriation: delineating an Anglo-Saxon great hall complex

2012 marked a key turning-point in the Lyminge Project with the unexpected unearthing of a major timber hall at the southern edge of the Tayne Field plateau. Its large dimensions (21 m × 8.2 m), combined with a distinctive method of planked-wall construction, immediately placed this building (Hall A) within an Anglo-Saxon architectural tradition synonymous with what have become known in the literature as ‘great hall complexes’, first subjected to detailed archaeological examination at Yeavering, Northumberland, and subsequently at Cowdery’s Down (Hampshire). On the basis of these excavated parallels, it was conjectured that the Lyminge hall was likely to be accompanied by further buildings of comparable scale and sophistication. Such was proven to be the case when the ground-plans of several further, spatially articulated, halls, displaying multiple phases of construction, were unearthed over 2013–15 (Fig. 10). It seems likely on the basis of the coherent layout of these halls that a greater part of the nucleus of the Lyminge complex has been successfully delineated; a brief description of the new structures follows, leading to some more general reflections concerning layout and chronology.
Hall sequence B

Excavation in 2013 identified an overlapping sequence of three north–south structures constructed on a site 15 m to the north of Hall A (Fig. 11). It is clear from stratigraphic superimposition that the order of construction of the halls progressed from west to east and that each new hall was built on a larger scale than its predecessor (the largest measuring 13.60 m by 7.40 m and the smallest 11.0 m by 6.0 m). In spite of these and other variations in ground-plan, the three halls shared the same basic constructional technique: a foundation trench displaying a single row of plank uprights set towards the outside edge of the trench, flanked by external raking posts. The second- and third-phase halls had partition walls at their northern ends and, in all cases, opposed entrances were situated centrally in the long-walls of the buildings. One notable divergence between the third-phase hall and its predecessors related to the construction of the entrances: in the latter case, doorposts were founded in separate pits delineated from the main length of wall-trench, whereas in the former case, both doorposts were held in a single elongated pit of massive proportions (Fig. 12). In all cases where timber impressions survived, the doorposts comprised larger versions of the cut planks used for the main walls.

It was possible to adduce additional architectural details for these halls from the excavated ground-plan evidence. Considerable quantities of fired daub were contained in the wall-trenches of the third-phase hall indicating that panels of wattle and daub filled the spaces between each of the plank uprights in accordance with ‘C9 type’ wall construction identified at the site of Cowdery’s Down. The same contexts also contained redeposited material derived from preceding constructional phases, indicating a surprisingly high level of interior finish for the Phase 1 and 2 halls. This included numerous fragments of opus signinum derived from internal flooring and slabs of walling material whitewashed on both surfaces to give a plaster-like appearance (Fig. 13).
Hall sequence C
A further major timber hall of east–west alignment was identified at the western extremity of Tayne Field and excavated sequentially over 2013–15. The evidence for this hall and its constituent phases was less than ideal: its south-west corner extended under a modern playing ground and the exposed portion of the ground-plan was disturbed by a cluster of Saxo-Norman pits and intrusive features associated with a World War II canteen (Fig. 14). As with Hall sequence B, there were obvious signs of sequential rebuilding, but with a notable divergence: whereas in the former case, the same general construction style was maintained throughout the sequence, each phase of rebuilding here was accompanied by a change in technique. It is also possible to demonstrate that there was a selective reuse of certain wall-trenches from one phase to the next which introduces complexities for interpreting how the building developed architecturally. With these complications in mind, the following reconstruction can be tentatively attempted.

The first hall to occupy this site employed double-planked wall construction of the same general type featured by Hall A to the south-east. This was replaced by a second structure sharing the same constructional style as Hall sequence B (i.e. single-plank wall construction with exterior raking posts). This building reused the southern long-wall trench of its predecessor, but was repositioned slightly on its east–west axis and extended in length and width to give recorded dimensions of c. 24 m by 9.0 m. Much greater uncertainty concerns the third and final developmental phase of this hall, the evidence being confined to an alignment of regularly spaced post-pits which cut through the northern long-wall of the second-phase hall, perhaps suggesting that the northern façade was replaced while the remainder of the structure was still standing.

As well as being the largest structure on this site, the second-phase hall also displayed divergences in internal layout and the arrangement of doorways. Unlike its predecessor, it was furnished with an interior partition wall, as in the case of Hall A, located towards the eastern end of the building; it is also unique amongst the Lyminge halls in having two pairs of opposed entrances through both the long- and short-walls, the latter set on precise alignment with the doorway through the internal partition wall (Fig. 10).

Other constructional elements
On the evidence of Yeavering and Cowdery’s Down, fenced boundaries and internal enclosures seem to be a recurrent expression of the formalized planning exhibited by Anglo-Saxon great hall complexes. Unfortunately, evidence for such at Lyminge has largely been destroyed by the severe ground-truncation caused by medieval ploughing. A small
portion of a north–south fence-line was, however, identified to the south of Hall sequence B and could conceivably have formed part of a continuous circuit designed to enclose one or more of its constructional phases (Fig. 10). Of possible further relevance were three pairs of oval post-pits extending in an axial alignment beyond the northern wall of the third-phase hall, which might tentatively be suggested to represent a formal, passaged, entrance into the same enclosure.

More certain is the observation that the main range of halls at Lyminge was surrounded by a series of more lightly built structures of post-in-trench construction (Fig. 10). A portion of one of these smaller ancillary buildings was identified to the west of Hall A, with fragmentary remains of another, or potentially a range of interconnected structures, extending beyond the north-west corner of Hall Complex B. Both examples were clearly laid out on the principal site axis so must have formed an integrated part of the overall layout and conception of the complex. One can only speculate as to their function, but stables or storehouses immediately suggest themselves as necessary infrastructural components for a site of periodic royal residence and assembly.21

In stark contrast to the underlying phase of sixth-century occupation, no pits or features associated with storage or the regulated disposal of domestic refuse were found in association with the great hall complex. As a consequence, the quantity of material culture directly attributable to the occupation and use of the complex is small, practically all of the relevant objects being derived from structural features (wall-trenches and post-pits) relating to the halls themselves. On the other hand, the diminutive tally does include survivals redolent of the aristocratic cultural milieu of the Anglo-Saxon mead hall, including a delicately crafted bone gaming piece of a type replicated in the princely burial from Taplow (Buckinghamshire), and a selection of vessel glass fragments again representative of elite burial assemblages of the later sixth–seventh centuries AD (Fig. 15).24

Layout and chronology

Lyminge follows other examples of Anglo-Saxon great hall complexes in displaying a high degree of spatial formality described in the relevant literature as ‘ritual symmetry’.25 The constructional precision underlying this symmetry is particularly evident in the relative positioning of Hall sequences B and C whose entrances fall on an intersecting alignment (Fig. 10). Although clearly forming an integral part of the complex, it may be noted that the entrances of Hall A do not appear to have articulated with those of adjacent structures and it is also the only hall within the complex not to display evidence for major episodes of rebuilding, other than the replacement of its long-wall entrances while the building was still standing. Notwithstanding these internal divergences, it is possible to propose a hypothetical model for the evolution of the complex informed by a comparable structural sequence from Cowdery’s Down.26 In this reading, the original kernel of the complex took the form of a small and quite modest north–south hall (Hall sequence B, Phase 1) which was then rebuilt on a larger scale as part of a massively more ambitious and architecturally sophisticated arrangement incorporating Halls A and C.

Hall complexes of Lyminge type are generally dated to the later sixth to seventh centuries AD on the basis of the site chronologies constructed for Yeavering and Cowdery’s Down, but the quality of the underpinning dating evidence is in both cases deficient and problematic.27 While better chronological precision is clearly required, opportunities are constrained by the scarcity of diagnostic material culture produced by such sites and, more generally, by the problem of artefact residuality endemic to Anglo-Saxon settlement archaeology. Lyminge exemplifies these issues well. With the obvious exception of the bone gaming piece, very few closely datable objects were recovered from the foundations of the halls and one of these – a sixth-century bridle fitting recovered from Hall A – was almost certainly an heirloom when consigned to the ground.28

In light of these limitations, an attempt has been made to exploit radiocarbon dating as a tool for placing the Lyminge complex on a more refined chronological footing. This objective has had to contend with the key constraint of an absence of preserved timbers and other samples (e.g. articulated animal disposals) that can be proven to be contemporary with the construction or occupation of the halls. To overcome this constraint, multiple samples of animal bone from each constructional phase were submitted as a strategy for isolating contemporary ‘events’ from residual background noise.29 This exercise has confirmed that a significant proportion of the disarticulated animal bone recovered from the foundations of the halls is indeed derived from earlier phases of the settlement: in the case of Hall A, this extended to as many as four out of the five submitted samples. When these residual
dates are taken out of the equation, one is left with four determinations which, notwithstanding their wide chronological bandwidths, embrace some part of the seventh century, placing them within the expected target range (Table 1). Of these four dates, particular attention should be drawn to the pair relating to the ultimate phases of Hall sequences B and C: providing a constructional terminus post quem of the AD 660s, these determinations demonstrate that the complex is very likely to have endured into the final third of the seventh century and conceivably as late as AD 700.30

Discussion
On superficial reading, the detailed summary of pre-Christian remains provided above would seem to be of no more than peripheral interest to Lyminge's historically documented life as a royal monastery and, by extension, the core themes examined in this volume. In strictly chronological terms, it is true to say that the most recent campaign of excavation has added barely a scrap of new evidence relating to Lyminge's 'monastic phase' archaeology which previous investigative mapping has shown is restricted to high ground to the south and west of the churchyard, where the remains of a seventh-century church and potentially further contemporary masonry structures were uncovered by antiquarian excavations in the mid-nineteenth century.31 On the other hand, there are very good reasons why the earlier temporal perspective provided by the results of the Tayne Field excavations deserves considered treatment in this publication. Lyminge is unique among the small corpus of excavated Anglo-Saxon monastic sites from pre-Viking England in possessing a continuous and tightly phased sequence of antecedent settlement extending deep into the pre-Christian era. As such, it is well placed to contribute to wider research agendas fixing attention on how the twin processes of Christianization and monastic foundation were negotiated in relation to landscapes of power and political authority.32 The concluding discussion evaluates Lyminge's contribution to this sphere of understanding, commencing with the rapid and dynamic changes of the seventh century, followed by an examination of the antecedent landscape and its role in shaping Lyminge's long-term evolution as a theatre of royal power.

The creation of a monumental royal landscape: Lyminge in the seventh century AD
A large part of Lyminge's distinctiveness as one of a small and geographically disparate corpus of excavated royal centres dating to the pre-Viking era rests on the fact that a rare example of a 'great hall complex' has been unearthed in strikingly close proximity to the cult focus of a documented monastery. What significance can be attached to this near spatial convergence? At a general level, it exemplifies the magnetic influence of pre-existing geographies of power over the locations of pre-Viking monastic houses: as detailed topographic research has shown, monasteries were frequently established in close proximity to villae regales, typically within a radius of 2 to 3 miles – a clear expression of the agency of ruling dynasties in spearheading the Christianization of the Anglo-Saxon kingdoms.33 While parallels for the spatial contiguity seen at Lyminge seem to represent the exception rather than the rule in most parts of Anglo-Saxon England, there do appear to be some regional anomalies, including east Kent, where the unusual preponderance of such cases has attracted repeated comment in the literature.34 Depending upon which perspective is taken, this localized pattern can be interpreted as a reflection of a local kingship taking especially keen interest in the control of family monasteries as a dynastic strategy,35 or, alternatively, as a manifestation of the long-term locational stability of royal villas within their dominion.36 One of the key results of the Lyminge Project is that it has created a platform for examining how the monumental core of one of these centres evolved over the course of the seventh century in response to sustained royal investment; the following provides an appraisal of the relevant evidence leading to some wider reflections on the interplay between royal and ecclesiastical monumentality in Anglo-Saxon England.

The most recent phases of excavation on Tayne Field have reinforced the interpretation laid out in the previously published project synthesis that Lyminge's early medieval trajectory spans a transition between two spatially distinct foci – the earlier evidenced by fifth–seventh-century occupation inhabiting low-lying terrain overlooking the headwater of the River Nailbourne, and the later by eighth–ninth-century occupation sited on elevated ground surrounding the churchyard (Fig. 1).37 This spatial reconfiguration was clearly influenced by two key events in Lyminge's evolution as monumental royal landscape: the abandonment of the Tayne Field great hall complex and the construction, on an adjacent site, of a masonry church in the Romanizing architectural style of the Augustinian mission.38 Like other examples of its type, the former constituted a relatively short-lived, albeit architecturally extravagant, statement of royal power and ambition, the final demise of which marked the cessation of the long-established ancestral focus.39 Conversely, the construction of the church created a new and enduring gravitational focus which structured the long-term development of the settlement throughout and well beyond its documented period as a royal monastery in the eighth and ninth centuries.

Although we can be reasonably confident of the general sequence underpinning Lyminge's seventh-century development, less certain is the precise temporal relationship between the great hall complex and the church: did one replace the other or was there a period of co-existence? Here we come up against major ambiguities surrounding the dating and chronological development of the 'monastic' core unearthed by the antiquarian Canon Jenkins.
A further piece of evidence which has relevance to the current argument, if only indirectly, is the striking discovery that certain phases of Lyminge's monumental timber halls were floored internally with pseudo opus signinum—a tantalizing glimpse of an active architectural dialogue between hall complexes and masonry churches in seventh-century Kent. This style of flooring is generally recognized as a diagnostic feature of the earliest extant generation of Anglo-Saxon churches in England, including such members of the so-called 'Kentish' group as SS Peter and Paul, and St Pancras, Canterbury, and St Mary's, Reculver. Frequently overlooked, however, is evidence from excavated Anglo-Saxon levels at Dover demonstrating a parallel vernacular context: specifically two seventh–eighth-century timber halls forming part of a spatially articulating complex closely comparable to that excavated at Lyminge. Crucially, extensive spreads of flooring at Dover were preserved in situ as a result of deep urban stratification, indicating that the redeposited fragments of opus signinum recovered from Lyminge are almost certainly derived from the sequence of halls rather than representing reused Romano-British building material. Taken in conjunction, the evidence from Lyminge and Dover indicates that certain royal halls in conversion-period Kent were provided with elaborate terracotta-coloured floors inspired by the same 'Romanizing' architectural tendencies displayed by contemporary churches.

This new perspective on royal architectural practice in conversion-period Kent offers an interesting contrast to Northumbria, the one kingdom of Anglo-Saxon England where it has been previously possible to make informed intra-regional comparisons between vernacular and ecclesiastical building traditions over the seventh–eighth centuries AD. For here, in a reversal of the direction of influence seen in Kent, ecclesiastical stone buildings, whether small bicameral churches of Escomb type or larger 'monastic' buildings exemplified by structures A and B at Jarrow, appear to have borrowed aspects of their architectural design and layout from Yeavering's monumental timber repertoire. While following divergent pathways, Kent and Northumbria seem to be united in displaying evidence for hybrid architectural forms embodying a fusion between vernacular and ecclesiastical architectural traditions, a comparative insight which chimes well with other creative forms of monumental investment reproduced across the nascent kingdoms of seventh-century England.

The ancestral background

Lyminge is by no means unique in providing firm evidence for the superimposition of a great hall complex on a pre-existing settlement. The monumental phases of Yeavering and Cowdery's Down appear to have been laid out across portions of earlier settlements of more modest character featuring smaller buildings organized in less formalized and theatrical configurations. The most apt comparison, however, is with Sutton Courtenay (Oxfordshire). Here the great hall complex was implanted within the limits of an expansive and spatially diffuse settlement of the later fifth to sixth centuries featuring sunken-featured buildings some of which, in a manner identical to Lyminge, had been cut through by the seventh-century halls. How should we characterize the antecedent phases of great hall sites given this recurrent pattern of appropriation? It would be very easy to dismiss these precursors as 'ordinary' on the grounds that they conform to observed tendencies in the fifth–sixth-century settlement record usually equated with the absence of a recognizable settlement hierarchy—loosely articulated layouts, relatively small, undifferentiated buildings and a lack of functional specialization. In light of what we know of their later trajectories, however, one might legitimately ask if there was anything special or different about these places which might explain why they were exploited as focal points of royal power in the later sixth and seventh centuries AD. This question has been difficult to address robustly hitherto because the quality of the archaeological evidence for these phases is often ephemeral, incomplete and poorly recorded. But in the case of Lyminge we can draw upon a diversity of archaeological indicators which converge to show that it was functioning as a centre of power and regional authority significantly earlier than AD 600 in spite of lacking recognizably high-status architecture. To draw out the relevant strands, it is necessary briefly to revisit the summary of the excavated remains given in the first part of this paper.

An obvious place to start is with the evidence for conspicuous consumption and ritualized feasting most likely conducted in connection with social gatherings and public assembly. The exceptionally large assemblage of fifth–sixth-century vessel glass immediately stands out in this regard as does the copious quantity of animal bone characterizing the majority of the midden deposits sampled from this phase of the occupation. While displaying much less of an emphasis on marine resources than the faunal assemblage associated with the later monastic-phase settlement, outlying coastal environments were clearly being exploited at some intensity during this period and it is notable that the contemporary fish assemblage includes evidence for the consumption of sturgeon as a potential luxury food with high-status connotations.
identified at the western extremity of Tayne Field. The capaciousness of these features combined with their carefully sculpted interiors suggests that they are likely to have functioned as receptacles for the centralized storage of grain or other types of food render.\footnote{Valuable comparisons can, however, be made with a growing repertoire of fifth–sixth-century settlements attesting this practice, typically exemplified by the superimposition of sunken-featured buildings, and less commonly ground-level halls, on Bronze Age barrows.} \footnote{Semple has argued that these settlements can be conceived as ‘places of emergent power where connections were being made with the supernatural or ancestral and where access to this powerful resource was managed’ which were engaged in the process of ‘confirming identity and signaling territorial power at small scales’.

A further strand crucial to understanding Lyminge’s character at this early period is the practice of specialist craft technologies. Early Anglo-Saxon Kent has long been celebrated for the quality and distinctiveness of its jewellery and other native artefacts richly represented in contemporary furnished cemeteries, but previous archaeological evidence directly attesting to sites of manufacture has been all but non-existent.\footnote{Recent archaeological studies exploit metal-detector finds have shed new light on the life of these places as focal points of power and cult in the pre-Christian landscape.} The various forms of production identified at sixth-century Lyminge – the smelting and working of iron, the manufacture of a range of copper-alloy objects and less certainly the fabrication of glass vessels – help to fill this gap in knowledge while at the same time demonstrating that the patronage of specialist technologies was no less important to the identity of power centres in early medieval Kent as it was to their counterparts in other regions of the early medieval northern world.\footnote{This structure was underpinned by a network of royal vills originating as head settlements within river/springhead estates embedded within wider resource networks encompassing coastal marshlands and Wealden ‘dens’. Recent archaeological studies exploiting old cemetery archives in combination with modern metal-detector finds have shed new light on the life of these places as focal points of power and cult in the pre-Christian landscape.} The significance of Lyminge is that it extends our comprehension of these phenomena into the sphere of the living and a complementary nexus of social practices offering their own unique perspective on emerging power structures during the prehistory of the Kentish kingdom.

Conclusion

The material reviewed in this contribution provides graphic witness to the continuity and locational stability of regional centres of power and governance in Anglo-Saxon Kent: Lyminge was clearly functioning as a ‘politic-religious’ centre within its immediate locality by the mid-sixth century and continued to serve as a focal point for confirming royal power and authority in its wider region over several successive centuries. Masked beneath this apparent immutability, however, is a complex layering of transformations, each of which referenced and appropriated Lyminge’s past, while simultaneously drawing new meaning, purpose and expression from changing social, political and ideological circumstances.

The Lyminge palimpsest invites consideration of a number of themes of wider relevance to the role played by places of power in processes of kingdom formation and Christian conversion in Anglo-Saxon England. The earliest horizon of early medieval activity encountered on the Tayne Field plateau offers significant new perspectives on the material and symbolic basis of power in early Anglo-Saxon Kent, while providing pointers on how we might begin to recognize similar tendencies in a broader spectrum of settlements of the fifth–sixth centuries AD lacking formalized layouts and high-status buildings. The argument made in this contribution is that this phase of Lyminge’s occupation sequence deserves to be interpreted on its own terms as a vital stage in the crystallization of a regional power centre which determined its future trajectory as a theatre of kingship down through subsequent centuries.

By extending our appreciation of the great hall phenomenon to Kent, Lyminge highlights the widespread uniformity of the tradition and its underlying architectural
principles: the simultaneous replication of this tradition across several kingdoms bespeaks of the social proximity between emergent hereditary dynasties and pervasive modes of aristocratic self-expression which transcended political boundaries. Simultaneously, the Lyminge evidence alerts our attention to regional variations within the monumental idiom. Unlike their counterparts in Wessex and Northumbria, a proportion of great halls in Kent appear to have shared the interior flourishes of contemporary masonry churches, indicating that this was a regional context where the active proclamation of Romanitas through the medium of monumental display permeated the boundary between vernacular and ecclesiastical architectural traditions.

The short-lived trajectory of great hall sites provides a clear embodiment of the frailty of power in the seventh century as well as the fluid cultural basis of contemporary rulership: Lyminge and its like represent a transient experiment in the discourse of Anglo-Saxon kingship that soon passed into monumental history. Whereas other known sites seem to have fallen into obscurity relatively quickly, Lyminge displays a uniquely attested ‘afterlife’ as a royal monastery. Aspects of how the transition from royal power centre to royal monastery played itself out in the seventh-century landscape remain obscure, but there are two good reasons why we should resist polarizing Lyminge’s hypothesized monumental development into two separate and chronologically discrete phases, the earlier secular and the later ecclesiastical. Firstly, such a dichotomization fails to acknowledge the religious dimension of English great hall sites and analogous expressions of ‘hall culture’ in other parts of the early medieval North Sea world, attested most conspicuously within the Scandinavian/Viking sphere. Secondly, it is difficult to reconcile this scenario with the complex conversion narratives of the Anglo-Saxon royal dynasties themselves, not least that of the native Kentish royal house, which readily exemplifies the twists and turns involved in what was a multi-generational, and indeed reversible, process.

This contribution was written with the aim of offering a comprehensive re-evaluation of the Lyminge excavations based upon the assimilation of new results generated between 2013 and 2015. While the foregoing account is more comprehensive and nuanced than its predecessor, the underpinning research is still very much a work in progress. A large and complex programme of post-exavation analysis lies ahead and the interpretive landscape is currently shifting under the impetus of a spate of new research into sites of royal residence across early medieval Britain. Further modifications and refinements to the Lyminge narrative can be expected in future publications.

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Notes
1 Thomas 2013.
2 Ibid., 123–4.
3 More detailed descriptions of these features can be found in Thomas and Knox 2014 and 2015.
4 Crewe 2012; Semple 2013. A strikingly similar spatial relationship between an Anglo-Saxon building and prehistoric ring-ditch is seen at the seventh-century great hall complex of Sutton Courtenay (Oxfordshire): Hamerow and Brennan 2015.
5 Hamerow 2010, 64; 2012, 34.
6 Hamerow 2006; Sofield 2012; Sofield, pers. comm. As far as the author is aware, Yeavering is the only Anglo-Saxon settlement with comparable evidence for this practice: Hamerow 2006, 26, note 108.
7 Ibid., 11–12.
8 The archaeological significance of dolines is well established in Palaeolithic studies, e.g. White 1997; Delagnes and Ropars 1996, and a number of investigated examples in the chalklands of east Kent have produced material of this date, e.g. Halliwell and Parfitt 1993. The origins of the Lyminge example appear to be considerably later on the testimony of a small assemblage of later prehistoric flint recovered from its lower horizons.
10 This attribution is based upon the typological dating of metalwork (specifically brooch types) following the periodization of female grave assemblages by Brugmann (1999); the forms present straddle Phase I (AD 500–530/40) and Phase II (AD 530/40–560/70) of her chronology.
11 Chadwick Hawkes 1982; Everitt 1986, 102, 244, 75; Kelly 2006, 99.
12 S 12, Charters of St Augustine’s and Minster-in-Thames, no. 8, Kelly 1995, 33–6. The unnamed mine is often assumed to have lain in the Weald, but Harrington and Welch (2014, 116) have argued that ore deposits in the vicinity of Lyminge could have been viably exploited. Future analysis of the ironworking residues should be able to determine between these two sources.
13 The Middle Saxon ironworking site of Ramsbury (Wiltshire) offers a good comparison for centralized production under the control of a villa regalis, see Haslam 1980.
14 See Broadley, this volume.
15 Alcock 2003, 87–9; Campbell 2007. One might expect a similar scale of domestic consumption at other Kentish political/administrative centres associated with glass-rich cemeteries (e.g. Faversham), but the settlement archaeology for these places has proved to be stubbornly elusive.
16 Walton Rogers 2007.
17 Hope-Taylor 1977; Millett and James 1983; for the most up-to-date overview of the phenomenon, see Hamerow 2012, 102–9.
18 Thomas 2013, 127.
19 The third-phase hall also had shallower wall-trenches than its predecessors and much more substantial external raking posts, suggesting a rather different structural solution for counteracting the outward thrust of the walls.
20 Millett and James 1983, 228–33.
21 For comparable evidence for the use of white lime-plastered walls exploited. Future analysis of the ironworking residues should be able to determine between these two sources.
23 The character of the evidence accords well with the expectation, hitherto unsubstantiated, that the ceremonial cores of
contemporary royal villas are likely to have been surrounded by a ‘penumbra of subsidiary occupation’ (Blair 2005, 276).

For Yeavering, see Hope-Taylor 1977, 72–8 and Petts, this volume; Reynolds 2003, 104–6; Hamerow 2012, 102–5.


For a critique and reassessment of Hope-Taylor’s phasing of Yeavering, see Scull 1991; the radiocarbon dating for Cowdery’s Down lacks the precision of modern calibration techniques and also relies on ‘best estimates’ based upon the statistical correction of determinations returned from charred wood samples: Millett and James 1983, 197–200.

The bridle fitting is discussed and illustrated in Thomas 2013, 127.

A similar dating strategy was employed at the Anglo-Saxon settlement of Yarranton (Oxfordshire): Bayliss and Hey 2004, 259.

One would have to make special pleading for a date much later than AD 700; none of the portable material culture recovered from sealed contexts associated with the hall complex conforms to recognized ‘Middle Saxon’ types and the same is true of unstratified background noise associated with this sector of the settlement.

Thomas 2013, 128–32.

For various archaeological perspectives on this theme, see Carver 2003; Pestell 2004; Turner 2006; Semple 2013; Sánchez-Pardo and Shapland 2015.

Thomas (2013, 116) provides an examination of contextual and place-name evidence attesting to Lyminge’s importance as a pre-Christian centre of authority. Exciting new discoveries made at Rendlesham (Suffolk) suggest that the villa regalis here enjoyed a similarly early and significant ancestry to Lyminge (Scull, Minter and Plouviez 2014).


Hamerow, Hayden and Hey 2007, 189–90. It is worth noting that some of the sunken-featured buildings at Sutton Courtenay forming the portion of the settlement excavated by E. T. Leeds were in use into the seventh century and thus were probably contemporary with (though some distance from) the great hall complex. A similar relationship may have existed at Lyminge given that one of the sunken-featured buildings excavated at the bottom of Rectory Lane is securely dated to the first half of the seventh century on the basis of radiocarbon dates and diagnostic material culture: see Thomas 2013.

Reynolds 2003, 110; Hamerow 2012, 70–2; Ulmschneider 2011, 119; Loveluck 2013, 105–8. Scull (1991, 60) describes the relevant phase of Yeavering as a ‘modest farming settlement’; this rather dismissive view can be contrasted with Blair (2005, 57) who places emphasis on Yeavering’s long-standing significance as a site of public assembly/cult observance as a context for its subsequent appropriation as a place of royal residence.

Although accorded a different function as water-storage features, the scale of the pits compares favourably with those at the eighth–ninth-century settlement at Lake End, Dorney (Buckinghamshire), interpreted as an open-air assembly site: Hiller, Petts and Allen 2002, 57–72.

Faversham is frequently invoked in the literature as a likely manufacturing centre for elite jewellery and glassware on the basis of its place-name (= OE ‘the village of the smith’) combined with the material richness of the King’s Field cemetery (Thomas 2011, 410–11).


A similar spatial context for metalworking (both iron-smithing and the casting of copper-alloy) is repeated at the sixth–seventh-century settlement at Carlton Coalville (Suffolk) (Lucy, Tipper and Dickens 2009).


For this dimension of great hall complex phenomenon, see Semple 2013, 96–7; 207–11.

Crewe 2012; Semple 2013, 95–9.

Ibid., 98.

On the origins of the Kentish lathes, see Brooks 1989; Brooks 2011.

Everitt 1986.

See Dickinson, Fern and Richardson 2011 for an application of this approach to Eastry, and Thomas 2013, 116–20, for a reconsideration of the cemetery evidence for Lyminge in the light of this pioneering study.

See Loveluck (2013, 110–11) for comparative settlement sequences.
involving the monasticization of secular estate centres in a seventh-century Frankish milieu.

Walker (2010) provides a stimulating interrogation of the religious character of Yeavering interpreted against a wider backdrop of Scandinavian hall sites. A recent overview of the latter, examined as part of a broader continuum of sacred places/ritual landscapes, is provided in Fabech and Nasman 2013.

For reflections on the complex conversion narratives of the Anglo-Saxon royal houses, see Yorke 1999.


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