Research

Roman rules? The introduction of board games to Britain and Ireland

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Competitive board games, played on the ground, on the floor or on wooden boards, provide entertainment, distraction and exercise for the mind — it is hard to believe that north-west Europe was ever without them. But the authors here make a strong case that the introduction of such games was among the fruits of Roman contact, along with literacy and wine. In Britain and Ireland games were soon renamed, but belonged like children’s jokes to a broad underworld of fast-moving cultural transmission, largely unseen till now.

Keywords: north-west Europe, Britain, Ireland, first millennium AD, Roman, Celtic, board games, ludus latrunculorum, tafl, XII scripta / alea

Introduction

In recent years Antiquity has addressed the subject of Roman and indigenous or native interaction — a wider process than Romanisation — through board games in the context of the Eastern Empire (Mulvin & Sidebotham 2004; de Voogt 2010). With this paper we seek to move the debate to the Western Empire, particularly the frontier zone of Britain and Ireland and explore the question of the Roman introduction of board games and their subsequent development by Celtic-speaking peoples.

Literary and archaeological evidence combines to indicate that the playing of board games was a widespread, popular and culturally significant phenomenon among the Celtic-speaking peoples of Britain and Ireland in the first millennium AD. Yet little attention has been given to the origin of such games in these islands. Previous writers (e.g. Sterckx

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1970; Schädler 2007 with circumspection) appear to have taken it for granted or at least allowed that it was possible, that board games were a feature of ancient Celtic society from earliest times. The view presented here, however, is that board games arrived in Britain and Ireland through contact with the Roman world and that they are part of the wider picture of cross-frontier material cultural interaction (Galestin 2010: 64–88).

Moving the pieces around: the role of Rome

Sterckx (1970) was mistaken in his assumption that the playing of board games is a human universal and that Celtic-speaking peoples are therefore likely to have played them since time immemorial. This idea is rooted in Huizinga’s (1950) proposition that play was a universal human given. We root our proposition here in the ideas of Caillois (1958) and Dumazadier (1968) who argue for a culturally contextualised view of play. Board games then are not universal in origin but appear, as far as their Western history is principally concerned, to have a specific origin and dissemination from mid-fourth-millennium BC Egypt and the Fertile Crescent, around the Mediterranean and thence to temperate Europe (Murray 1951: 226–38). Cultural contacts with and within the Roman Empire were a particularly important means of diffusion and it was through contacts with Rome that board games entered the Germanic world, reaching far beyond the limes to Scandinavia (as Murray [1951: 230] long ago suggested). Were this not already clear from the archaeological evidence (Whittaker 2006; Sodberg 2007), it would be obvious from the names for such games in the Germanic languages. As Schädler explains (2007: 372) the Germanic name tafl, board game (hence, Anglo-Saxon tæfl, Norse tafl and later hnefatafl), derives from Latin tabula (gaming) board or counter. The name travelled yet further north, into Saami culture where the playing of tablut, ultimately, it seems, an Iron Age loan via Norse, was noted by Linnaeus in 1732 and observed among the Saami as late as 1884 (Murray 1913: 445–46; Helmfrid 2000).

The process of dissemination was not one of wholesale borrowing or slavish imitation, but rather a creative indigenous response to stimulus in which games were adapted to local cultural and social contexts. The most recent analysis of tafl in Scandinavia suggests it was derived from Roman imports or gifts of ludus latrunculorum (Sodberg 2007; Whittaker 2006). The Scandinavian variant hnefatafl retained ludus latrunculorum’s basic mode of capture — by flanking — but changed its two equally matched armies into a king protected by his warband from a larger opposing force of attackers, this innovation perhaps resonating better with the indigenous social and political institution of the comitatus.

The introduction and diffusion of board-gaming throughout temperate Europe is in many ways analogous to the introduction and spread of literacy throughout the same area at approximately the same time. Both followed similar trajectories, in similar social contexts — of elite emulation — and manifest a similar variety in responses to stimulus (see Woolf 1994; Williams 2002; de Hoz 2007). The Norse runic and Irish ogham alphabets are both scripts developed beyond the limes under the influence of Latin literacy, clearly based on the Latin alphabet yet visually very different from their model (Moltke 1985; Harvey 1987; McManus 1991). The link between the earliest evidence of board-gaming and writing is seen in mid-first-century Britain in the cemetery at Stanway which produced an inkwell and several gaming sets (see below), and at Litton Cheney, Dorset where a stylus and a set
of board game counters were found (Bailey 1967). The adoption and adaptation of Roman board games and writing are part of a much wider process of cultural response manifest in the archaeological record of pre-conquest Britain (Haselgrove 1984; Creighton 2000) and Scandinavia, where we see the innovative adaptation of Roman material culture and practices to new purposes, including, for instance, the ring-fort of Ismantorp as a hybrid of a Roman fort (Andrén 2006) and the reuse of Roman glass vessels in Scandinavian mortuary practices (Ekengren 2006).

**From Rome to Stanway and Knowth**

The most important find of early gaming equipment in Britain, and the point of departure for the current study, is the so-called Doctor’s Grave from Stanway, Colchester, England (Figure 1). This grave, dated to AD 40–50, contained, in addition to dining equipment, a set of surgical instruments and divining rods, a gaming board with 26 glass counters, apparently laid out on it as if for play. The wood of the board had entirely decayed and all that remained were the metal hinges. From this, and the layout of the pieces, it was possible to reconstruct the size and possible format of the board (Crummy 2007: 352–59; Schädler 2007: 359–75). While it was not possible to say with certainty whether the board was double-sided, this is suggested by the overall size of the board, which follows the rectangular
form of a Roman *XII scripta / alea* board, coupled with a low number of pieces (less than 30) and the absence of dice, which both suggest use in a game other than *XII scripta / alea*. Following detailed examination of the Doctor's Grave board, both Crummy (2007: 352–9) and Schädler (2007: 359–75) concluded that, on balance, the board game represented is perhaps best seen not as a known Roman game but as an unknown Celtic one.

In order to explore the question of how Celtic or Roman the earliest insular board games were, it is necessary to survey the earliest material evidence for gaming in Britain and Ireland. The Doctor's Grave board can be related to other pre-Roman wooden boards in south-east Britain, particularly two similar rectangular examples from Grave 117 at King Harry Lane, Verulamium (Stead & Rigby 1989: 109) and Burial 6 at Baldock (Stead & Rigby 1986: 68–9), giving a total of three such boards from the territory of the Catuvellauni. To these may be added more fragmentary boards of less certain dimensions from the same territory: from Stanway (a further two, from other burials, Crummy et al. 2007: 126, 186–90), from Verulamium (a further one, Stead & Rigby 1989: 109–110) and from Welwyn Garden City (one, Stead 1967: 31–6). All these boards are interpretable as “... part of a distinctive British body of artefacts, linked to a specific game popular among a group of Britons in the south-east of the country and with strong connections with the newly Romanised Continent” (Crummy 2007: 359). As Crummy argues “the fact that Roman counters and boards were in the possession of Romanised Britons provides strong evidence in favour of the playing of a Roman game of some sort” (2007: 359). Nonetheless, Schädler prefers to suggest that there is a context of ancient Celtic board games that might explain the Stanway example. His crucial piece of evidence is a find of gaming pieces from Welwyn Garden City which dates to about the final decade of the first century BC that is some 60 years earlier than the Stanway example (Stead 1967: 14–19). This comprises a collection of 24 glass counters made up of four sets of six which Schädler takes as implying an otherwise unknown, non-Roman game for four players, although he himself admits that as such it would be unique as all ancient board games appear to have been for two players. It is, however, far from clear that this material does signal a Celtic game as opposed to a Roman game or a Roman game with Celtic innovations. A possible analogy is an Egyptian race-type game played with two sets of pieces, each set comprising half light pieces and half dark (Murray 1951: 18). Although Schädler provides parallels for glass pieces of similar shape — though not in four sets — from Celtic burials on the continent, all these also have Roman or north Italian/Etruscan associations, with implications of trade and exchange (Stead 1967: 18–19). In further support of his theory of ancient Celtic board games Schädler cites extensive evidence both archaeological and textual but, with one exception, it is all much later in date than the first-century AD material from Stanway: none of the earliest elements are definitively non-Roman.

The one exception cited by Schädler is the collection of pegged playing pieces and other gaming equipment found in a grave at Knowth, Co. Meath, Ireland (Figure 2). When first excavated this grave was originally dated to no later than the sixth century AD (Eogan 1974: 68–70, 76–80, Burials 10 & 11) and Schädler discusses the board in terms of this date, alongside other late Roman period continental boards: from Vimose, Denmark (c. AD 400) and from Leuna, Germany (third century AD). The boards from Vimose and Leuna are double-sided with definite Roman *XII scripta / alea* layouts on one side. They are plausible as entirely Roman boards gifted or traded into Germanic territories.
Schädler wrote, however, the Knowth burials have been re-evaluated and more precisely dated (Eogan forthcoming, where they are renumbered as Burials 8 and 9). Radiocarbon
determination of the human bone from the burial in question has produced a date of 1960±30 BP, calibrated at 2 sigma to 40 BC–AD 130 (GrN–15371). This gives the burial and its gaming equipment a date very close to that of the Stanway burial. The question, then, is what games were played at Knowth and how do they relate to the Stanway game?

Multiple features mark out the Knowth Gambler’s Burial as being of a special nature. It is a double burial of two male relatives probably twins aged around 30 years, who were decapitated prior to burial and buried together, head-to-toe (Wilson et al. forthcoming). Both were placed on their backs, slightly crouched. These inhumation graves at Knowth constitute an innovative burial rite deriving from contemporary mortuary practice in Britain. Other aspects of material culture in the graves also point to links with Britain whether immigrant Britons or Irish seeking to emulate British practices (McGarry forthcoming).

For a wider assessment of Romanisation in Ireland see, for example, Bateson 1973, Freeman 2001, di Martino 2002 and Warner 2007.) Here we focus on the gaming evidence and its possibilities. Skeleton 8 (formerly 10), to the left, had a set of 13 playing pieces — one of them fragmentary — beneath its right hip. Each is a pegged piece of two elements: an irregular, spherical head from which projects a short, pointed peg located in a vertically bored perforation. Allowing for some post-deposition disturbance, the Knowth pegged pieces appear to have been set out in a row, possibly on a wooden board that has not survived. Also found were 21 small, smooth, stone pebbles, presumably gaming pieces, which were grouped in three concentrations: around the right hip and femur of Burial 8 and around the left shoulder and the left hip of Burial 9 (formerly 11). Two of the stones had been artificially coloured blue. The final gaming element is three rectangular bone dice numbered 3-5-4-6, all associated with Burial 9: two with the left shoulder area and one with the right.

The Knowth assemblage is more complex than that from Stanway and apparently more than one game is represented. First there seems to have been a game played on a wooden board using 13 pegged pieces, then another game using stone counters and possibly played on the same board. The dice may have been used in conjunction with the counters or in a third game of their own. That there were three dice, however, may point in the direction of XII scripta / alea. Conventionally XII scripta, using two dice, is the name given to the early imperial version of the game and alea, using three dice, the Late Antique version. The fourth-century find from Qustul included five dice (Schädler 1995, 1998: 17) but full clarity requires an extant board layout. It is striking that the Knowth burial has a single set of 13 pegged-pieces, for there were 13 pieces per side in the Stanway burial. The Knowth board may have been a double-sided one, inspired by a Roman XII scripta / latrunculi double-board, but there is no direct evidence for any board only the fact that the pieces were obviously laid out on something. If it were a double-board then the pegged pieces were perhaps one side in a set of a latrunculi-type game, and the counters and dice for playing something akin to XII scripta. In interpreting gaming sets recovered from funerary contexts it should, however, be borne in mind that what was deposited was a representation of gaming, and that this need not be a complete set for play. In any case, our modern notion of complete sets may be somewhat anachronistic in an age before the commercial marketing of board games, an observation first made by Schädler (2007: 368).
Wales and the north

In terms of the Roman archaeological background in Wales there is, as yet, no direct evidence for the playing of *latrunculi* or variants in Roman/Late Iron Age Wales. The surviving evidence points to gaming more generally, with finds of either counters in a range of materials or counters and dice, and to *XII scripta* more specifically. The former include examples from the Roman forts at Caerleon, Gwent (Zienkiewicz 1986: 155–6, 202–207; Evans & Metcalf 1992), Segontium (Caernavon as seen on display in the site museum) and Pen Llystyn (Boon 1968: 80–81), with both in Gwynedd and Brecon Gaer, Powys (Wheeler 1926: 120) and from the native farmstead site of Whitton, South Glamorgan (Price 1981: 159–60; Webster 1981: 147–48). A contentious piece of evidence is the fragment of an opaque, light-blue, plano-convex glass counter of a Roman type common in the first to the fourth century AD from the native hillfort of Dinas Powys (Harden 1963: 186, fig. 9). There are at least two fragments of gaming boards, both from the fort at Holt, Clwyd, one certainly and one probably for *XII scripta* (Grimes 1930: 128, no. 35; 131, no.12, fig. 60.8). A single lead counter is recorded from Holt but no dice although the diagnostic form of the boards means dice must have been used. Equally the absence of evidence for *latrunculi* boards from sites in Wales is not necessarily evidence of absence.

The evidence from northern Britain has been considered in detail elsewhere (Hall 2007) and sufficient to say here that it demonstrates that games spread well beyond the imperial frontier, and at an early date. There are numerous finds of gaming pieces from throughout Scotland in a range of materials, glass, stone, bone, reused Roman pottery, and in a variety of shapes, both pegged and plain. As in Wales, however, there are no known Roman boards other than from Roman forts, including Bearsden and Inveralmond. One of the key finds from the far north is the set of Romano-British glass gaming pieces from a second- to third-century grave at Tarland, Aberdeenshire (Figure 3), which signals a clear mixture of indigenous and Roman in a high status, non-Roman burial context.

The linguistic dimension

Medieval literary sources from Ireland and Wales make frequent mention of board games, the playing of which was clearly an important aspect of daily life among the elite whose interests are reflected in the texts. Amongst several games recorded, special status is accorded to the game of *fidchell* (Irish) and of *gwŷddbwyl* (British) (Hellmuth 2006; Minard 2006). The British (i.e. Welsh and Breton) evidence is in general later and more meagre than the Irish, and only general comments can be made regarding the nature of *gwŷddbwyl*. The Irish evidence, however, is considerably more plentiful and detailed and it is possible to deduce a number of features of *fidchell* (MacWhite 1947). There is a considerable chronological gap between the gaming sets at Stanway and Knowth and the earliest literary evidence, which is mid-eighth century, in the case of *fidchell*, and late ninth century for *gwŷddbwyl*. Linguistic analysis of these two names, nonetheless, indicates that they have a much older pedigree. Although superficially so different, the two are, in fact, linguistically cognate: they derive from a common ancestral form. This fact has been recognised by Celticists since the mid-nineteenth century, though its significance has not been adequately probed. The
forms as they appear in British are Welsh gwŷddbwyll = gwŷdd (wood) + pwyll (sense), and Breton guidpul, guidpoill with the same meaning (Evans & Fleuriot 1985). In Irish (Gaelic) the form is fidchell = fid (wood) = chiall (intelligence). The parent form, though not directly attested, can be reconstructed as Common Celtic *widu-kʷ eillā = *widu- wood + kʷ eillā understand (Guyonvarc’h 1966: 325–6; Hellmuth 2006). The name, which is not based on any Roman game name, enshrines the principal that this was a game of skill played on a wooden board. The key point here, however, is that these two words must have existed in ancient Irish and ancient British before the major sound changes which utterly transformed these languages in the sixth century AD, marking the shift from Old Celtic to Neo-Celtic (Jackson 1953). Neither word could have been derived from the other after this date, even by translation as the equivalence of the elements would not have been obvious.
The sixth-century shift from Old Celtic to Neo-Celtic therefore provides a terminus ante quem for the introduction of fidchell and gwŷddbwyll to Ireland and Britain.

When it was still assumed that Celtic-speakers had been playing board games since time immemorial, it was readily assumed that ∗widu-kw eillā belonged to a very early stage of the parent language, Early Iron Age or Late Bronze Age, as indeed many Common Celtic words probably do (Zimmer 2006). While in formal linguistic terms this is indeed possible, it is not a necessary assumption. As argued above, archaeological evidence leads us to suspect that board-gaming was introduced to Ireland from Britain in the first or second century AD. This scenario is entirely consistent with the linguistic evidence: if a game called by the British ∗widu-kw eillā was adopted in Ireland along with its name at this time, the latter would have evolved according to the regular sound changes into fidchell by the seventh century AD. It should be noted that on the linguistic evidence alone the borrowing could have been in the opposite direction, from Ireland to Britain, but this is not supported by the archaeological evidence.

The question remains, if the British borrowed the idea of board games from the Romans, why did they, in contrast to the Germans, not borrow a Latin word for the game? That they did not is particularly striking given that Latin was widely spoken throughout Roman Britain even in the West (Charles-Edwards 1995) and the British language was receptive of Latin loan-words, as reflected in the very large number of these in medieval Welsh (Jackson 1953: 76–80). The rejection of a Latin name could perhaps be construed as evidence in favour of a very early borrowing, pre-conquest, before widespread exposure to the Latin language, in a context of the ready Celtic assimilation and ownership of Roman material culture redefined as Celtic by certain elite groups. Another possibility is that the game was already called ∗widu-kw eillā on the continent but that merely pushes the question back to why Gaulish-speakers adopted the game but not the name. Note however, that pre-conquest Britons appear to have borrowed not a Roman game per se but rather the idea of gaming which they realised in their own way, just as the Irish were later to borrow the idea of writing from knowledge of written Latin but chose to invent their own alphabet, ogham.

Celtic avoidance of an imported name for an imported game is seen again at a later period when the Irish adopted the Norse game hnefatafl but gave it an Irish name. Archaeological evidence points to the introduction of hnefatafl to the Celtic world in the ninth and tenth centuries. Detailed references in early Irish literature of the tenth century and later make it clear that a new game was now being played alongside the older and higher status fidchell. This new game is clearly a form of hnefatafl, with its unequal sides and central king piece, though it is never referred to by this name, rather it is known as brandubh: raven black (MacWhite 1947). It is hard to know why Gaels invented a native term rather than adopt the game’s Norse name, as they were prepared to accept other Norse borrowings (Ó Muiríthe 2010). It is all the more curious when the Welsh were happy to borrow a Germanic name for their variant of hnefatafl: the Welsh tawlbwrdd is either from Anglo-Saxon tafl + bord, or more probably from Norse taflbord (Brøndsted 1965: 265; see also Lewis 1943).

Celtic literary sources consistently refer to the pieces as men (Irish fir, Welsh gwerin), a metaphor which finds visual expression in two examples from fifth- to seventh-century AD Scotland. Two face-decorated stone cones have been found at the brochs of Scalloway and Mail in Shetland (Figure 4) (Sharples 1998: 172–80; Wilson & Watson 1998: 174,
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The 35 other gaming pieces from the Scalloway assemblage included four further non-decorated stone cones, various counters, flat-bottomed pebbles, phalanges and dice, suggesting a variety of games are represented. A further unprovenanced, face-decorated cone in the Ashmolean Museum, Oxford, is presumed to be Scottish by analogy (Hall 2007). Incidents in Irish literature involving injuries caused by *fidchell* pieces may imply pieces of a conical rather than a simply pegged form as they are described as becoming embedded in the victim’s skull (e.g. Carey 1994: 119). The Shetland evidence strengthens the case previously put forward only hesitantly (Raftery 1983: 229) for interpreting Irish stone cones as gaming pieces. Eleven such cones are known from Irish sites, with several of them securely dated to the fourth and fifth centuries AD (Raftery 1969: 79–82). Although stone cone gaming pieces are unusual on the continent in the Roman period, one parallel can be cited: a ceramic cone of a date from the first to the fourth century AD from among an extensive assemblage of Roman gaming pieces from Barcelona, Spain (de Heredia Bercero 2002: 146–7). It stands out as unusual, however, and certainly contrasts with other gaming assemblages, such as that from the Roman fort of Petavonium, Zamorra, Spain, which comprises fragments of 20 boards for *ludus latrunculorum* and 470 pieces, all counters (Carretero Vaquero 1998). Two stone cones are known from another of the Knowth burials (Eogan 1968: 365–6), the crouched inhumation of a six-year-old child now dated to 43 cal BC–AD 232 (Wilson *et al.* forthcoming). On the face of it, cone-shaped playing pieces would appear to be a Celtic innovation rather than a Roman favoured form.
Conclusion

The playing of board games works as a cultural transmitter because of the intrinsic appeal of playing games and because of their cultural fluidity. As an arena of performance they can both foster interaction and exchange and sublimate competition. They can be taken readily from one cultural context to another with or without changes of meaning, which do not have to be immediate. At the time in question they were both able to carry Romanitas to the frontiers and beyond and at the same time be amenable to redefinition in the hands of their recipients. Just as the politics of Roman interaction and struggle could be incorporated into the dynamics of *XII Scripta*; for example see Hall (2007) for the dice-tower from Germany proclaiming ‘The Picts defeated . . .’, so the adaptation of such games by indigenous peoples could function both as a sign of muscular admiration of an enemy and an equal, and as a turning of the tables. The range of games both Roman and African evidenced at the Roman fort of Abu Sha’ar, Egypt (Mulvin & Sidebotham 2004), implies complex cultural interaction on which it is difficult to call the balance of influences. Even at times of highly tense cultural interaction in our own time the desire to play and its facility to break down barriers is evident. Kayla Williams, a former sergeant in US military intelligence during the American-led occupation of Iraq in the early twenty-first century, observed the interactions consequent on game-playing (2006: 157): “The Kurdish locals also played a game we called ‘rock’, though this was certainly not its real name. It was a little like checkers. They would draw a grid on the ground and have sides with light rocks or dark rocks. Despite the immense language barrier, the Pathfinders learned to communicate. They learned how to play rock, for instance. Some of the Pathfinders got pretty good at it too, and would win once in a while against the Peshmergas.”

This contemporary example throws helpful light on the kind of cultural interaction that can lead to the diffusion of board games in a military context. It also serves to emphasise the sometimes ephemeral nature of gaming equipment which is readily created from found objects and improvised playing surfaces. Moreover, this example shows that a game may be borrowed without its name.

On the basis of the Stanway and Knowth material we propose a scenario whereby the idea of board games reached Britain at the very end of the first century BC from newly conquered Gaul, when gaming was adopted by British elites of the south-east as part of a package of continental and Roman culture, which also included wine-drinking, coinage, literacy and burial with grave goods (Haselgrove 1984; Creighton 2000; see Purcell 1995 for the link between gaming and literacy). A taste for board-gaming may have been one of the things brought home by kings’ sons and other British *obsides* (hostages) sent to Rome for education in Roman ways during this pre-Claudian conquest period (on whom see Creighton 2000: 90–92). The games played in southern Britain may have been fully Roman ones, or local versions. Following the Roman conquest of the region in the mid-first-century AD, the playing of Roman and Roman-style games became increasingly widespread, extending well beyond the imperial frontier at an early date. The gaming pieces from Tarland attest to their popularity among the Caledonian elite (Hall 2007). The Knowth evidence indicates that board-gaming had reached Ireland from Britain possibly even before the Roman conquest and, if not, shortly afterwards as part of a broader
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cultural package. The extent to which this was perceived as Roman, rather than British is moot.

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