

The heritage of Brexit: roles of the past in the construction of political identities through social media

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Authors: Dr Chiara Bonacchi (first and corresponding author), Dr Mark Altaweel, Marta Krzyzanska

Dr Chiara Bonacchi, Research Co-Investigator,

UCL Institute of Archaeology, 31-34 Gordon Square, London WC1H 0PY

Mobile: +44 (0)7554290566; Work: +44(0)20 7679 4737

Email: c.bonacchi@ucl.ac.uk

Webpage: <http://www.ucl.ac.uk/archaeology/people/staff/bonacchi>

Dr Chiara Bonacchi is Research Co-Investigator on the *Ancient Identities in Modern Britain* project. Her research and teaching focuses on heritage studies – particularly, digital heritage and the study of public perceptions and experience of the past – and on Medieval archaeology.

Dr Mark Altaweel, Reader, UCL Institute of Archaeology.

31-34 Gordon Square, London WC1H 0PY

Work: +44 (0)20 7679 4607

Email: m.altaweel@ucl.ac.uk

Webpage: <http://www.ucl.ac.uk/archaeology/people/staff/altaweel>

Dr Mark Altaweel is Reader at the UCL Institute of Archaeology, where he specialises in computational and data science approaches to archaeology and Ancient Near Eastern archaeology.

Marta Krzyzanska, Research Assistant, UCL Institute of Archaeology.

31-34 Gordon Square, London WC1H 0PY

Work: +44(0)20 7679 4737

Email: marta.krzyzanska.12@ucl.ac.uk

Webpage: <http://www.ucl.ac.uk/archaeology/people/staff/krzyzanska>

Marta Krzyzanska is Research Assistant on *the Ancient Identities in Modern Britain project* and a PhD student in the Department of Archaeology, University of Cambridge.

Her research interests are in computational archaeology and digital heritage.

Abstract:

This article assesses the role of the pre-modern past in the construction of political identities relating to the UK's membership in the European Union, by examining how materials and ideas from Iron Age to Early Medieval Britain and Europe were leveraged by those who discussed the topic of Brexit in over 1.4 million messages published in dedicated Facebook pages. Through a combination of data-intensive and qualitative investigations of textual data, we identify the 'heritages' invoked in support of pro- or anti-Brexit sentiments. We show how these heritages are centred around myths of origins, resistance and collapse that incorporate tensions and binary divisions. We highlight the strong influence of past expert practices in shaping such deeply entrenched dualistic thinking and reflect over the *longue durée* agency of heritage expertise. This is the first systematic study of public perceptions and experience of the past in contemporary society undertaken through digital heritage research fuelled by big data. The article is thus foundational, contributing significantly to theory in cultural heritage studies. It is also the first published work to analyse the role of heritage in the construction of political identities in relation to Brexit, via extensive social research.

Keywords: Digital heritage, political identities, Brexit, imperialism, big data, Roman, pre-Roman, Medieval

Introduction

Research aims

On 23 June 2016, British citizens were called to cast their vote on the subject of the UK's membership in the European Union (EU) through a referendum that had a remarkable turnout of 72% of the total electorate (Electoral Commission, 2016; see also Gardner, 2017 and Schlanger, 2017 for more discussion on the context of the referendum and its impact on higher education and the heritage sector). This voting exercise became the vehicle through which, amongst other things, people expressed their political identities and crafted 'hoped for' political futures (Marichal, 2013). As such, it provides a powerful case study to examine the extent to which these identities are tied to the concept of the EU or to alternative polities and underlying ideologies.

The prominent role of the past in processes of identity construction and deconstruction has been documented and discussed in a large *corpus* of literature concerned with cultural heritage studies (in relation to European identities, see e.g., Carman, 2003; MacDonald, 2012, 2013; Popov and Deák, 2015; Whitehead et al., 2015). However, the ways in which ideas and materials from ancient periods are drawn upon in order to define political selves and negotiate them with others in the public sphere of today's increasingly Internet-pervaded and networked society remain largely unexplored. Yet, we argue, the pre-modern heritages of Europe should be the subject of further investigation, as they permeate many aspects of our lives (see, Alexander et al., 2012; Hall, 2010; Hingley, 2015; Hingley, Bonacchi and Sharpe, Forthcoming to name but a few examples) and constitute the origin of myth-making practices that are diffused within European territories and often extend to much of the contemporary Western world.

Our article addresses this gap, by assessing how objects, places, practices and people from Iron Age to Early Medieval Britain and Europe (ca. 800 BC - AD800) were leveraged by those who discussed the topic of Brexit in 364 Facebook pages and a total of over 1.4 million posts, comments and replies published in those pages. We refer to these uses as the 'heritages' that lie at the core of pro- or anti-Brexit sentiments, and demonstrate the centrality of narratives of origins, resistance and collapse that are played around tensions between local and global, indigenous and exogenous, insular and multicultural, civilisation and barbarism. We draw on this analysis to show how these binaries are sometimes invoked to uphold opposite positions, and highlight the impact of heritage practices from the past in shaping current dualistic thinking.

Investigating experiences of the past: conceptual framework

The framework supporting this research rests on four main conceptual pillars that have been previously but cursorily outlined in Bonacchi et al. 2016, and which are thus illustrated at greater length in this section. Such pillars constitute the backbone of the project 'Ancient Identities Today' (Ancient Identities, 2017a), funded by the Arts and Humanities Research Council and as part of which this study has been undertaken.

Firstly, we are working with an understanding of heritage as the processes and outcomes of using, experiencing and generally relating to the past in the present (Harrison, 2013). This is an interpretation of heritage that cuts across disciplinary boundaries, material and immaterial legacies, human-object relationships, natural and cultural heritage resources, and respects and studies their interlinking and entanglements. Researching contemporary heritages cannot prescind from a joint investigation of the inheritance of objects, places, practices and people from the past, as all or any of these can be more or less consciously encountered, selected, neglected or rehashed, in different ways by different stakeholders, in order to shape our world.

Following from our understanding of heritage as process, here we focus on examining how heritage is produced through the act of political activism performed on Facebook. Political activism enacted via social media has been the subject of recent theorisation in the political sciences, with literature usually focusing on assessing the effectiveness of social media to facilitate mobilisation offline (Morozov 2009, Shirky 2011, Gerbaudo 2012, Velasquez and Larose 2015). In this article, however, we adopt a non-functionalist approach borrowed from Marichal's idea of 'micro-activism' as the kind of political activism that takes place on social media platforms (Marichal, 2013) and leads to the construction of "(hoped for) political identities", which may or may not result into social change. In line with Marichal's view of political 'micro-activism', we also understand Facebook as the field site from which our investigation departs, as well as a part of the wider public sphere of our society (Habermas, 1997; see also McKee, 2004) – we will then refer to it as 'Facebooksphere'.

Secondly, we note the importance of focusing on the *longue durée* when examining the reception of the past, to better understand the relative values assigned to certain periods and how these are opposed or equalled. This specific approach has been successfully utilised to unpack a number of "insistent dualities" that still inform the ways in which we live the past today (cit. Beard and Henderson, 1999; see Hingley, Bonacchi and Sharpe, Forthcoming, for a full discussion of this topic).

Thirdly, we recognise the need to investigate the effects that diverse expert practices are having on the construction of specific messages, their circulation, proliferation and ultimate moulding into identities. How heritage values are made and unmade requires research on the politics of expert positions and the extent to which they filter into 'non-professional' actors' lives. The idea of expert practices has been developed in the context of heritage by Jones and Yarrow (2013: 22), to discuss how authenticity is a product of different forms of expertise that interact in the process of preserving the historic

environment. The concept is also central to the analysis of the role of what Smith and Waterton (2012: 2) have called Authorised Heritage Discourse (AHD), displayed and communicated by professionals working in the 'officialdom' of research, education, museums, sites, archaeological units and libraries.

Fourthly, we take a 'quali-quantitative' methodological approach, borrowing from the work of Venturini and Latour (2010), who use this label to express the potential of digital methods to suture the division between research on micro- and macro-structures. Such dichotomy was created by traditional researchers in an analogue world but does not exist in reality, since micro-structures and macro-structures 'are only two different ways of looking at the same collective canvas, like the warp and weft of the social fabric'.

Methodology

Methods and workflows

Our quali-quantitative data collection and analysis began with the 'navigation' of big data, characterised by sheer volume, velocity, variety, variability and flexibility, by exhaustive scope, fine-grained resolution and relational nature (Kitchin, 2013, 2014). In undertaking this research, we have been confronted with the need to delve in 'big data' using automated approaches in order to identify Facebook pages about Brexit, but the information contained in these pages and featuring ideas about the past did not possess some of the features described by Kitchin (2013, see above). Its volume and velocity, for instance, were not very large, albeit probably greater than in most heritage studies conducted to date. Data-intensive methods were thus used primarily as means of exploring Facebook as a field of ethnographic investigation in a non-traditional but nevertheless fully immersive manner (Hine, 2015). It is this immersive and exploratory character that defines the data-intensive approaches we have used as (unconventionally) ethnographic.

Amongst social media, we chose Facebook due to its popularity across different socio-demographics (Velasquez and Larose, 2015), and for the richness of its data and metadata (e.g. compared to Twitter). An additional reason was that this social medium allows users to set up public pages to host discussions on specific themes, and lets researchers extract their content through its Application Programming Interface (API). Furthermore, according to a recent report, 'approximately 63% of [Facebook] users acquire their news from social media, and these news stories undergo the same popularity dynamics as other forms of online contents' (cit. in Del Vicario et al., 2017). Facebook, thus, provides an ideal space for studying the rehashing of ideas by stakeholders and their circulation across media and platforms. As part of our ethics statement, we note that pages and messages - including posts, comments and replies - were accessed via the Facebook API, and mined with R software.

Over the months of March and April 2017, we extracted the content of public Facebook pages featuring the word *Brexit* in their title or description and containing posts, comments or replies published from 6 May 2010 to 30 April 2017 (**Table 1, Appendix**). 6 May 2010 was the day of the General Election that led to the establishment of the Coalition government, during which the option of a possible referendum on the UK's membership in the European Union was first proposed. We used a set of 569 period-specific keywords relating to Iron Age, Roman and Early Medieval places and people of Britain, in order to locate messages that would be likely to reference the aforementioned pasts in the context of Brexit. These keywords included the names of Iron Age tribes and chiefs, Roman emperors and Anglo-Saxon kings, Roman towns, Iron Age and Anglo-Saxon settlements in Britain, as well as general terms describing the period from 800 BC to AD800. A full list of the keywords that were used is made available online (Ancient Identities, 2017b), and was compiled via desktop research and vetted through history and archaeology handbooks and listings of sites provided by heritage organisations

such as English Heritage, Historic Scotland and Cadw. The posts, comments and replies identified in this way were then verified manually.

In the first phase of the analysis, we examined the metadata of the 364 Facebook pages about Brexit that had been previously extracted, to understand the motivations behind their set up and the context of their use; this metadata consisted of ID (unique numeric value), About (short introduction), Category, Description, General Info, Likes, Link (associated with the page), City, State, Country, Latitude, Longitude, Name, Talking About, Username and Website. Subsequently, we created a corpus composed of all the posts, comments and replies from the 364 Facebook pages, and performed topic-modelling to uncover the hidden thematic structure of the corpus. This method has been successfully employed before to map out the content of large collections of documents, including historical sources (Newman and Block, 2006; Yang et al., 2011), social media interactions (e.g. Marwick, 2014) or scholarly blogging platforms (Puschmann and Bastos, 2015), without using *a priori* categories. In particular, we applied Latent Dirichlet Allocation (LDA), a popular probabilistic topic modelling algorithm that, for each of a pre-determined and optimal number of topics, outputs a set of words accompanied by values that represent the probability of each word to be associated with the given topic (Blei et al. 2010; 2003). The model was executed using the Python Natural Language Toolkit and Gensim library (Rehurek and Sojka, 2010), and the optimal number of topics was estimated to be 25 by calculating topic coherence scores as described in Röder et al. (2015). Topics were labelled independently by the authors, and then discussed and agreed; each label was assigned so that it would describe the overall association of the 20 terms with the highest probability scores.

We repeated topic modelling on the subset of data containing the 569 period-specific keywords (also referred to as 'data subset', from now on) and compared the 21 topics detected in this smaller dataset to the 15 featuring in the Brexit Facebooksphere as a

whole. Thereafter, we calculated term frequencies and carried out association analysis ($0.30 < \text{coefficient}$) for the data subset, in order to understand how the past was called upon, which ideas were recurring more frequently and any related concepts. Messages containing keywords about the Iron Age, Roman and Early Medieval periods were not posted by a handful of individuals and the great majority of posters were 'mono-posters' (2,528 messages with past specific keywords were written by 1909 users). Most users posted only one message, while 279 users posted more than one message and only 26 more than five messages. We also discovered that most messages were posted only once, with only 86 out of 2,528 messages posted more than once and up to 15 times (in one case only). Given the low number of multi-posters and multi-posted messages and their minimal impact on the analysis, no filters were applied to account for them.

Finally, we undertook qualitative analysis to gain in-depth knowledge of relevant messages and the influence of heritage expert practices on the discussion. All the messages containing the most recurring past-specific terms were examined via close reading. The thematic threads identified in this way (myths) are presented in the results section, and exemplified via relevant extracts chosen for their significance. These extracts have been contextualised as much as possible, with information about the author, the page where they were posted and the thread to which they belonged (if any). Deeper grounding could only be provided through further and smaller-scale investigations such as posting an anonymous survey on all or a sample of the Facebook pages, or conducting offline ethnographic research with the Brexit-related groups that have a presence beyond the Facebooksphere; this work, however, transcends the scope of this paper and the space allowed, thus we aim to integrate in future.¹

The Brexit Facebooksphere: context of study

¹ Ethical approval will be sought for this kind of study, as it involves human subjects as research participants.

We worked to characterise the Brexit Facebooksphere by investigating how and why this space was set up by collectives and individuals. Half of the pages were created by groups already established offline and variously built around shared place, party, institutional affiliation, job, related interests, social concerns, nationality and voting preference (**Table 2, Appendix**). The majority of these groups were based in Britain and this fact, together with the languages used to communicate (**Table 3, Appendix**), suggests interactions involving primarily - although not exclusively – UK-based social actors. Additionally, it indicates that, for the most part, the Facebooksphere of Brexit was tightly connected with mobilisation undertaken offline. Since Facebook-enabled and in person activism seem to be interlinked, there might be continuity in the ways in which the past is leveraged and heritage is produced within and beyond Facebook pages. This is not to say that this analysis is formally representative of the ‘population’ of activists involved in Brexit referendum discussions, but that some of the repertoires that we will examine are certainly not confined to social media; rather, they are variously embedded in the cultures of some of the communities located in the four UK countries of England, Scotland, Wales and Northern Ireland.

Based on the qualitative analysis of the metadata available, we studied the main reasons why individuals and the aforementioned groups created Facebook pages focusing on Brexit (**Table 4-5, Appendix**). From these, 67 out of the 209 pages containing messages that featured period-specific keywords were established for the purpose of campaigning for either the Leave or Remain camp, whereas 52 pages intended to provide news without taking sides. Substantially lower is the number of pages that used the Brexit label to brand and market a product, or those that wished to present and debate specific initiatives, provide a space for general discussion or for humour and satire. This motivational horizon shows how the creators of these Facebook pages understood the latter’s role in the construction of political identities. In most cases, Facebook was used to illustrate and support existing ideas and projects; others turned to

it to create a genuinely neutral and democratic arena to acquire and respond to any information provided about the referendum and participate in dialogue. The Brexit Facebooksphere thus comprises but does not only consist of pages that are dedicated to host exchanges of views and opinions. This is in line with the general findings of Del Vicario et al. (2017), who studied the interaction of one million Facebook users with Brexit-related posts from January to July 2016, and identified the existence of two distinct and separate groups acting as echo-chambers and holding different perceptions of the same topics.

The Past in the Brexit Facebooksphere

Topics

The topic modelling of all the messages extracted from Brexit-focused Facebook pages shows that discussions in the Facebooksphere covered subjects ranging widely from social welfare, to the economy, international relations, mobility, otherness and (in)security, assessments of the costs and benefits of the referendum, and voting procedures (**Figure 1** and **Table 6, Appendix**). Differently, the thematic structure of the period-specific data subset was less varied and centred on mobility, origins, identity, cultural tension, security and nationalism (**Figure 2** and **Table 7, Appendix**).

Figure 1. LDA visualisation of the posts, comments and replies extracted from the 364 Facebook pages containing the term 'Brexit' in their title or description.

Figure 2. LDA visualisation of the posts, comments and replies extracted from the 364 Facebook pages containing the term 'Brexit' in their title or description and which also feature our chosen period-specific keywords.

The past was leveraged in relation to certain issues more than others, and especially to the movement of people, their subsequent interactions and the threats and opportunities caused by these dynamics in terms of identity and law and order. Mobility is the thematic origin and trigger of the heritages of Brexit and one of the contemporary issues to which Western societies relate by drawing upon the past (see also Hingley, Bonacchi and Sharpe, Forthcoming).

Amongst the keywords that were used, the ones recurring more frequently in the data subset of 2,529 posts, comments and replies are *Roman*, *britannia*, and *barbar* (featuring at least 300 times), followed by *hadrian* (appearing 200 times), and *mediev* and *norman* (present 100 times) (**Table 8, Appendix**). These results highlight the prominence of ideas related to the Roman period compared to the medieval past. The word *Roman*, in particular, appeared only once in the majority of messages that contained it (249), and is associated with terms expressing power dynamics (e.g. *inferior*, *superior*), or related to mobility and discrimination (e.g., *xenofobia*, *discrimin*, *racism*, *jute*), militarisation, occupation and resistance (e.g., *occupi*, *soldier*, *victori*, *coloni*, *armi*, *conquer*, *defend*) (**Table 9, Appendix**). Consistently, *Britannia* is associated with words from the song *Rule, Britannia!*, which features often in the corpus (**Table 9, Appendix**). This is a patriotic song derived from a poem by James Thomson, which was set to music in 1740, and opposes the freedom of Britannia and Britons to the situation of nations governed by envious tyrants. The latter have been interpreted by some as a reference to the absolutism that was still characterising European monarchies in the 18th century, whereas Britain had already curbed royal prerogative and developed a constitutional democracy. Furthermore, according to Armitage (2000: 173), the song was an expression of the ideas behind the British Empire ‘predicated on a mixture of adulterated mercantilism, nationalistic anxiety and libertarian fervour’. Today, most citizens are not perhaps aware of these historical roots, but remain conscious of the strong nationalistic meaning of the song, so that the prominent use of

the word *Britannia* in the context of nationalist hymning can be interpreted as establishing a direct link between the ancient identity of the Roman province and ideas of British imperialism, independence and economic success.

Myths and dualities

In order to more closely qualify how Roman times were called upon, we proceeded with a qualitative exploration of the subset of data containing the keyword *Roman*. This analysis was aimed at exploring the diversity of ways in which the period under examination was leveraged. The research revealed the centrality and frequent recurrence of a parallel drawn between the European Union and the Roman Empire and of three main myths, constructed through binaries that, for the most part, contrast the Roman Empire to other periods and polities.

(1) *Myths of origin*. The first myth of origin leverages the Roman past along the lines of Kristian Kristiansen's conceptualisation of European origins (1996). The narrative is focused on the civilising power of the Roman Empire (equalled to the European Union), invoked within the pro-remain camp to support the UK's membership in the EU. For example, a user writes on the pro-leave page 'Pro Britain' that:

Well,if it wan't for the Roman empire,you would ve be still barbarians living in huts,still pillaging between ur selves,still in stone age! You say you invented the gentleman? That a joke! [...]!

This idea is likely to be originally rooted in academic thinking and literature pre-dating the post-colonial turn of the 1980-90s (Hingley, 2015), and is refused by those pro-leavers who stress that the process of Romanisation of Britain, often portrayed as pacific and beneficial, was actually characterised by violence and oppression. To build this argument, a user mentions the Roman occupation together with Norman invasions, showing how very different realities and past situations can be juxtaposed to back

narratives that are already present in the mind of an individual. In particular, he writes the following sarcastic post, as a reply to a message made public by the pro-remain page 'Very British Problems' on 'Mayhem government using tried and tested methods to maintain the purity of Brexit Britain':

Going back to the original post, I love your description of our "cultural enrichment" at the hands of the Romans and Normans, though I doubt few of the contemporary inhabitants would have seen it that way. [...] first the Romans turn up with some really nice homemade biccies and a big slice of rape and murder...things pick up a little later when the Normans arrive with a cheeky red and a nice dose of oppression, whilst stirring up racial hatred between the Celts and non Celtic people's that still hasn't receded to this day... [...] If you're going to make the case for the EU, it's probably best NOT to mention Britain's history with Europe!

Differently, the second myth of origin that emerges from the data subset identifies the indigenous origin of Britain in the barbaric peoples who came before or after the establishment of the Roman province of *Britannia*. When the roots of the nation are placed in the post-Roman period, English, British and Celtic identities feature, and the first two are often in opposition to each other. This is exemplified by the words of a user who replied to a *Mail Online* article entitled 'Teeth checks make me ashamed to be British, says Diane Abbott: MPs accuse Shadow Home Secretary of being out of touch with voters following her comments' (Brown 2016), which was posted on the page 'Brexit News'. Commenting on Abbot, the user said:

She is not british tho she is african british. She is a migrants or the descendent of a migrant, she has no say on britian. Only the descendent of those who build this nation up from the fall of the Roman Empire have a say. We are called native brits.

Emphasis on pre-roman origins is also evidenced in the data subset, as in the case of a contributor, who was replying to a post published on the page 'Pro Great Britain' about Farage supposedly celebrating as Juncker admitted Britain was 'in control':

Smoke and mirrors bullshit from Junckers. RULE BRITANNIA! We fucked off the Romans,(eventually, have to say), Made the French/Viking/Norsemen Normans, change their names and get Anglicised, to proper English names. [...]

A third myth stresses the mixed and, in the words of one of the participants in the Facebook discussions, 'non-pure' origins of Britain, and is used to support the Remain position, as in the example below.

England was a microcosm of Europe even in those early days. Britons were of Greek descent, Welsh, Irish were also part Greek and Scythian. Scots picts, were remnants of Scythia, even as their name reads. Danes, Saxons, Normans, Angles, from Germanic heartlands, and northern Skane naval lands. Romans founded Londinium.

This text was posted as a reply to the only post in the whole of the data subset containing period specific keywords that quoted an article specifically about heritage. The latter focused on the Anglo-Saxons and was written by the historical fiction writer Martin Wall (2016) in the BBC History Magazine. It was utilised to reiterate and – via selective referencing - support a narrative about British and Celts being indigenous people. The article is referenced to back the idea of Anglo-Saxons as conquerors, in opposition to the native 'British' population, but the author only draws on those parts of the text that back his thesis. For example, he ignores the passage stressing the possibility that Anglo-Saxons might have been initially invited by the local population to help fighting the Picts, or that Anglo-Saxon tribes frequently fought among themselves.

(2) *Myths of resistance*. Myths of resistance characterise both the European Union and Roman Empire as dominant polities that deprive populations of their freedom, sometimes also compared to Nazi Germany. An Indonesian national living in Washington, for example, explained the reasons behind Brexit by posting, on the page 'Pro Great Britain', a message stating that 'Exit is the only solution' after Britain has been 'bullied to join this "roman empire" with no constitution in place yet'. In another case, a user replied to a post referencing the *Sunday Express* article entitled 'Bratislava 2016: 'Show some respect' Hungary blasts EU for deceiving nations with 'tricks'' (Kegl 2016), with these words:

If the people of the 27 countries don't react soon they are going to find themselves living in a Dictatorship ruled over by a select few bent on personal power and wealth. Reminds me of the Roman Empire or should I say 'The Fourth Rike'.

The authors of these Facebook messages see the Brexit referendum as an opportunity to resist by voting Leave, and, in some cases, Boudica or (retrospectively) the British Empire are invoked also as symbols of such resistance to Rome and the EU:

[...] I understand it is now clear that the New Roman Empire has Invaded Britain and whole British Empire and hence Commonwealth was formed by our ancestors in fear of this situation. It is history of British Commonwealth, which was formed to meet the demand of WW2 to survive against European invasion. [...] [User from London commenting on a post by Brexit News on 'High court ruling puts Brexit in the balance'].

(3) *Myths of collapse*. Myths of collapse revolve around the idea of the 'fall' of the Roman Empire / European Union or Britain, if the latter remains in the EU. Here we find a choice of terminology (e.g. fall, collapse) that aligns with interpretations of the passage from the Roman to the post-Roman period as a break, and, in places, echoes the title of Edward Gibbon's famous *The History of the Decline and Fall of the Roman Empire*

(1789). The reasons that are mentioned as the possible causes for this 'fall', however, are varied and include migrations and integration of barbarian / foreign peoples (as Gibbon's thesis also argued), the fact that empires are naturally destined to end, expansionism, economic decline, centralisation, bureaucracy and excessive regulation. Myths of collapse are mostly, but not exclusively, used to support pro-Leave positions. For example, a pro-leave user comments in these terms on a post by Pro Great Britain that reports the results of a YouGov poll on whether Britain's decision to leave the EU had been right or wrong:

The Roman Empire collapsed as hordes of barbarians assimilated into their culture - the Franks , the Visigoths , the Vandals etc etc And now hordes of coarse barbarians from the East are arriving into the UK every week..

As for some of the previous myths, parallels are often extended to other polities besides the Roman Empire and the European Union. Again, this shows that comparable images and situations are searched across centuries and juxtaposed very simply (simplistically?), by both Brexiteers and Remainers:

Anyone who voted to remain and still crying, should remember throughout history, all empires were built to fall. Being British we should know that better than most. (Remember the Roman Empire? USSR?). [Post of a self-declared leave campaigner, published in the page 'Pro Great Britain'].

However after a few centuries of Britain, Brexit will be the turning point of the final chapter of the UK. I believe that Britain like the Habsburg Empire, Yugoslavia, USSR, the Ottoman or Byzantine or Roman Empire, is on its final chapter. Brexit will bring a gradual economic decline, followed by secession of Scotland, NI, Gibraltar and finally Wales, so England itself will eventually return to the EU and join the Eurozone before 2030. [Greek national

commenting on a post published on the page 'Brexit' about the possible end of the EU as a result of a 'bomb effect' triggered by Brexit].

Discussion

The analysis undertaken in this paper has shown the role of discourse around the pre-Roman, Roman and post-Roman world in the making of political identities related to Brexit, and the centrality of notions of imperialism in this context. These findings resonate with the part that the above-mentioned periods have played in the very formation of the European Union. As noted by Hingley, for example, the idea of the EU has drawn extensively on that of the Roman Empire, especially as regards the pursuing of frontier integration and multiculturalism (Hingley, 2017; Hingley, Bonacchi and Sharpe, Forthcoming). Furthermore, the study has offered supporting evidence for the hypothesis proposed by Andrew Gardner (2017), that a relation exists between the void left by the end of the British Empire, the rejection of Britishness, the embracing of regional identities that roughly overlap with those of pre-Roman local groupings, and the choice to vote for Brexit. This tension between supranational structures and regional ones lies at the core of the ways in which individuals and groups relate to the past in order to address social issues today.

The friction between global and local realities is connected with a number of other 'insistent dualities' that are invoked in political micro-activism performed on social media. As explained in a previous article (Hingley, Bonacchi and Sharpe, Forthcoming), the concept of 'insistent dualities' refers to all those oppositions through which the past can be interpreted by contemporary stakeholders. It is a notion framed by Beard and Henderson (1999) in relation to the Boudica/Boadicea and the ways in which the Roman occupation of Britain has been perceived. In particular, the authors ask whether Roman Britain is 'Roman or native', 'British or foreign', 'part of the seamless web of our island

story or an ignominious period of enemy occupation', 'the origins of (European) civilization on our shores, or an unpleasant, artificial intrusion that actually managed to postpone (British) civilization for almost a thousand years' (Beard and Henderson, 1999: 47).

Our analysis has revealed how dualities concerning civilisation and barbarism, indigenous and exogenous, cultural integration and insularity are utilised to shape political identities in the context observed. These binaries are leveraged to mould the three myths - of origin, resistance and collapse - through which people support their positions on Brexit and on mobility and border control more at large. These myths are frequently leveraged to back opposed views in very simple terms, and often extending parallels and comparisons to more recent periods. The pattern of framing the present by drawing on multiple periods simultaneously confirms the validity of the *longue durée* approach that informs this research, and that it is crucial to study public experiences of the past without regarding the latter as a closed and packaged entity relegated to distant dimensions.

The myths that characterise the ways in which the ancient world features in discussions about Brexit seem to have been fed and nurtured by past expert practices in the arenas of education, media and communication and heritage (the Authorised Heritage Discourse mentioned at the beginning). The very prominence of the Roman world, compared to the Iron Age period or, to a lesser extent, the Middle Ages, is likely to rest on the high visibility that has been given to it in the National Curriculum for schools in England (Hingley, Bonacchi and Sharpe, Forthcoming). In fact, the idea of the Roman Empire, its formation, development and 'end', has been discussed as tightly linked to the destiny of the European Union in archaeological, and other social science literature, but the same has happened for the Holy Roman Empire. The latter, for example, has been identified by some commentators in the political sciences and historical disciplines as

comparable to the European Union due to its permeable frontiers, polycentric government, and 'devolution' model *ante litteram* (Henry, 2010; Zielonka, 2011; Wilson, 2016). Nevertheless, it appears only very seldom in the data subset we analysed.

From 1989 onwards, the National Curriculum in England has also contributed to characterise the Roman Empire as both an invader and a strong and civilising military power that has brought progress and advancement to Britain, thus re-stating an idea of Roman origins that has had some currency since at least the Victorian and Edwardian period (Hingley, 2000; Hingley, Bonacchi and Sharpe, Forthcoming). Over the decades, the factual end of television programming has massively built on a widely diffused idea of the Roman world a positive and beneficial, proposing programmes and series that align with this image and further reinforce it (Hingley, Bonacchi and Sharpe, Forthcoming). We have encountered the reception of televised discourse, for example in relation to the series 'What the Romans Did for Us' (Wilkinson, 2001), which was mentioned as supporting evidence for pro-Remain positions. Education, in turn, is often largely influenced by the Authorised Heritage Discourse that is palpable through museum displays, on-site interpretations and educational talks given to school pupils (Sharpe, 2017) – to name but a few examples. These narratives tend towards stasis rather than swift adaptation, and often end up communicating the results of outdated interpretations of the past. It is thus not surprising that the National Curriculum is still constructed on the notion of Romanisation, despite the critique to which the latter has been subject for over three decades, as a result of post-colonialist reflections (Hingley, Bonacchi and Sharpe, Forthcoming).

As a way forward, we suggest the myths and repertoires of images and symbols we have exposed can be used to facilitate dialogue between heritage 'professionals' and citizens over the meanings of the past and their implications in relation to issues of autonomy, mobility and border control. This is a kind of communication that resonates

with both rationality- and emotion-driven decision-making processes in what has been recently defined a 'post-truth society'. The use of the term *post-truth* peaked precisely in 2016, concomitantly with the Brexit referendum and the US Presidential elections; it describes people's tendency to rely strongly on peer-to-peer communications enabled by social media, basing their choices on beliefs more than 'facts' (Higgins, 2016; Oxford Dictionaries, 2017). The myths that are typically used to construct and express political identities in national or supranational (European) terms possess an immediacy that can be quickly evoked without necessarily engaging in deeper and critical thinking. At the same time, the very fact that the myths we have encountered are solidly grounded in expert practices of the past paradoxically contrasts with the idea of a loss of faith in expert and authoritative knowledge, to the point of challenging the very validity of *post-truth* as notion.

Conclusions

The analysis presented in these pages should not be considered as necessarily limited to Facebook, because it shows strong connections with some of the places and regions of Britain and with groups that operate in those areas. Brexit-related discussions on Facebook have drawn on landmarks such as Hadrian's Wall, and fully unleashed their multiple values as both natural and cultural, tangible and intangible, object- and practice-centred heritages. Our research has then emphasised the viability of the concept of 'context of heritage production', as the kind of human activity, here exemplified by political activism, that can potentially unfold across both online and offline fields. The adoption of this concept and of quality-quantitative methodologies allows scoping dynamics regarding the public experience of the past that may also continue in those parts of our everyday lives where the Internet is absent. On- and off-line, ideas tied to the Roman past and imperialism have been leveraged to frame 'simple' myths of origin, resistance and collapse in support of either or both of the pro-leave and pro-remain

camps. Materials, practices and places from the ancient past are linked to modern times and used to discuss matters that relate to identity and otherness in ways that reveal the *longue durée* impact of past heritage expertise.

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References

Alexander C, Chatterji J, Weekes-Bernard D (2012) *Making British Histories. Diversity and the National Curriculum*. Runnymede. Available from:

<http://www.equalityanddiversity.net/docs/making-british-histories.pdf>.

Ancient Identities (2017a) Welcome to Ancient Identities Today. Available from:

<http://ancientidentities.org>.

Ancient Identities (2017b) Keywords. Available from:

https://docs.google.com/spreadsheets/d/e/2PACX-1vSQB3A8Bfa5CtDg6Weh35gVLVbYOAwrIG9HEDYjMMri5xr_d3fEvvCa34FYGUJEMnwFivO6i3tXcn96/pub?output=csv.

Armitage D (2000) *The Ideological Origins of the British Empire*. Cambridge: Cambridge University Press.

Banks A (2016a) I studied roman history extensively - you don't have a monopoly on history !. Available from:

https://twitter.com/Arron_banks/status/805837627589066752.

Banks A (2016b) Well the "experts " I read at school believed the sacking of Rome and the break up was caused by failure to control hordes on the border !. Available from: https://twitter.com/arron_banks/status/805839642121605120?lang=en.

Banks A (2016c) Available from: True the Roman Empire was effectively destroyed by immigration. https://twitter.com/Arron_banks/status/805508156143128576.

Beard M, Henderson J (1999) Rule(d) Britannia: Displaying Roman Britain in the Museum. In: Merriman N (ed) *Making early history in Museums*. Leicester: Leicester University Press, pp. 44-73.

Blei DM, Ng AY and Jordan MI (2003) Latent Dirichlet allocation. *J. Mach. Learn. Res* 3: 993–1022.

Blei D M, Carin L and Dunson DD (2010) Probabilistic Topic Models: A focus on graphical model design and applications to document and image analysis. *EEE Signal Processing Magazine* 27(6): 55–65.

Bonacchi C, Hingley R and Yarrow T (2016) Exploring Ancient Identities in Modern Britain. *Archaeology International* 19: 54-57. DOI: 10.5334/ai.1909.

Brown L (2016) Teeth checks make me ashamed to be British, says Diane Abbott: MPs accuse Shadow Home Secretary of being out of touch with voters following her comments. 25 October 2016. *Mail Online*. Available from: <http://www.dailymail.co.uk/news/article-3868888/Age-checks-make-ashamed-British-says-Diane-Abbott.html?ito=social-facebook>.

Carman J (2003) Legacies of Ear in Creating a Common European Identity. *International Journal of Heritage Studies* 9(2): 135-150. DOI: 10.1080/13527250304776.

Del Vicario M, Zollo F, Caldarelli G, Scala A, Quattrociocchi W (2017) Mapping social dynamics on Facebook: The Brexit debate. *Social Networks* 50: 6-10. DOI: 10.1016/j.socnet.2017.02.002.

Electoral Commission (2016) Report on the 23 June 2016 referendum on the UK's membership of the European Union. September 2016. Available from: http://www.electoralcommission.org.uk/__data/assets/pdf_file/0008/215279/2016-EU-referendum-report.pdf.

Gardner A (2017) Brexit, boundaries and imperial identities: A comparative view. *Journal of Social Archaeology* 17(1): 3-26. DOI: 10.1177/1469605316686875.

Gerbaudo P (2012) Tweets and the streets : social media and contemporary activism. New York: Pluto Press.

Gibbon E (1789) *The History of the Decline and Fall of the Roman Empire*. London: Strahan & Cadell.

Habermas J (1997) *The Structural Transformation of the Public Sphere: An Inquiry into a Category of Bourgeois Society*. Cambridge, MA: MIT Press.

Hall MA (2010) Re-Mediating the Middle Ages: Medievalism in the Movies. *European Journal of Archaeology* 13(3): 386-389. DOI: 10.1179/eja.2010.13.3.386.

Harrison R (2013) *Heritage: Critical Approaches*. New York: Routledge.

Henry N (2010) Politics beyond the state: Europe as civilization and as empire.

Comparative European Politics 8(2): 262-280.

<http://link.springer.com/10.1057/cep.2008.33>.

Higgins K (2016) Post-truth: a guide for the perplexed. *Nature* 540(7631): 9-9. DOI:

10.1038/540009a.

Hine C (2015) *Ethnography for the Internet. Embedded, Embodied and Everyday*.

London: Bloomsbury Academic.

Hingley, R (2000) *Roman officers and English gentlemen*. London: Routledge.

Hingley R (2015) Working with Descendant Communities in the Study of Roman Britain:

Fragments of an Ethnographic Project Design. In: Cipolla C, Howlett Hayes K (eds)

Rethinking Colonialism: Comparative Archaeological Approaches. Gainesville, FL:

University Press of Florida, pp. 161-189.

Hingley R, Bonacchi C and Sharpe K (Forthcoming) 'Are you local?' Indigenous Iron

Age, and mobile Roman and post-Roman populations. Then, now and in-between.

Britannia.

Jones, S and Yarrow T (2013) Crafting authenticity: An ethnography of conservation

practice. *Journal of Material Culture* 18(1): 3-26. DOI: [10.1177/1359183512474383](https://doi.org/10.1177/1359183512474383).

Kegl 2016 [https://www.express.co.uk/news/politics/711299/Bratislava-Summit-Hungary-PM-](https://www.express.co.uk/news/politics/711299/Bratislava-Summit-Hungary-PM-Viktor-Orban-EU-Commission-deceiving-leaders)

[Viktor-Orban-EU-Commission-deceiving-leaders](https://www.express.co.uk/news/politics/711299/Bratislava-Summit-Hungary-PM-Viktor-Orban-EU-Commission-deceiving-leaders)

Kitchin R (2013) Big data and human geography: Opportunities, challenges and risks. *Dialogues in Human Geography* 3(3): 262-267. DOI: 10.1177/2043820613513388.

Kitchin R (2014) Big Data, new epistemologies and paradigm shifts. *Big Data & Society* 1(1): 1-12. DOI: 10.1177/2053951714528481.

Kristiansen K (1996) European Origins – “civilisation” and “barbarism”. In: Graves-Brown P, Jones S and Gamble CS (eds) *Cultural identity and Archaeology: The Construction of European Communities*. London: Routledge, pp. 138–144.

MacDonald S (2012) European Heritages. In: Kockel U, Craith MN, Frykman F (eds) *A companion to the anthropology of Europe*. Chichester: Wiley-Blackwell, pp. 233-252.

MacDonald S (2013) *Memorylands: heritage and identity in Europe today*. London and New York: Routledge .

Marichal J (2013) Political Facebook groups: Micro-activism and the digital front stage. *First Monday* 18(12). DOI: 10.5210/fm.v18i12.4653.

Marwick B (2014) Discovery of Emergent Issues and Controversies in Anthropology Using Text Mining, Topic Modeling, and Social Network Analysis of Microblog Content. In: Zhao Y and Cen Y (eds) *Data Mining Applications with R*. Elsevier: Academic Press, pp. 63–93. Available from: <http://dx.doi.org/10.1016/B978-0-12-411511-8.00003-7>.

McKee A (2004) *The public sphere: an introduction*. Cambridge: Cambridge: Cambridge University Press.

Morozov E (2009) Foreign Policy: Brave New World Of Slacktivism. Available from: <http://www.npr.org/templates/story/story.php?storyId=104302141>.

Newman DJ and Block S (2006) Probabilistic topic decomposition of an eighteenth-century American newspaper. *Journal of the Association for Information Science and Technology* 57: 753–767. DOI:10.1002/asi.

Oxford Dictionaries (2017) Word of the Year 2016 is.... Available from: <https://en.oxforddictionaries.com/word-of-the-year/word-of-the-year-2016>.

Popov A and Deák D (2015) Making Sense of the ‘Difficult’ Past: Transmission of Political Heritage and Memory-Work Among Young People Across Europe. *The Sociological Review* 63(2_suppl): 36-52. DOI: 10.1111/1467-954X.12261.

Puschmann C and Bastos M (2015) How Digital Are the Digital Humanities? An Analysis of Two Scholarly Blogging Platforms. *PLOS ONE* 10, e0115035. DOI: 10.1371/journal.pone.0115035.

Rehurek R and Sojka P (2010) Software framework for topic modelling with large corpora. In: *Proceedings of the LREC 2010 Workshop on New Challenges for NLP Frameworks*. Available from: https://radimrehurek.com/gensim/lrec2010_final.pdf.

Röder M, Both A and Hinneburg A (2015) Exploring the space of topic coherence measures. In: *Proceedings of the eighth ACM international conference on Web search and data mining*, pp. 399–408.

Schlanger N (2017) Brexit in Betwixt. Some European conjectures on its Predictability and Implications. *The Historic Environment: Policy and Practice*: 1-11. DOI: 10.1080/17567505.2017.1358324.

Sharpe K (2017) Early Encounters. Childhood Impressions of Iron Age and Roman People in Britain. *Annual Meeting of the European Association of Archaeologists*, Maastricht, 31 August 2017.

Shirky C (2011) The Political Power of Social Media: Technology, the Public Sphere, and Political Change. *Foreign Affairs* 90(1): 28-41.
<http://www.jstor.org/stable/25800379>.

Smith L and Waterton E (2012) Constrained by commonsense: the authorized heritage discourse in contemporary debates. In: Skeates R, McDavid C and Carman J (eds) *The Oxford Handbook of Public Archaeology*. Oxford: Oxford University Press, pp. 153-171.

Tumasjan A, Sprenger TO, Sandner PG and Welpel IM (2011) Election Forecasts With Twitter: How 140 Characters Reflect the Political Landscape. *Social Science Computer Review* 29: 402–418. DOI:10.1177/0894439310386557.

Velasquez A and LaRose L (2015) Social Media for Social Change: Social Media Political Efficacy and Activism in Student Activist Groups. *Journal of Broadcasting & Electronic Media* 59(3): 456-474. DOI: 10.1080/08838151.2015.1054998.

Venturini T and Latour B (2010) The Social Fabric: Digital Traces and Quali-quantitative Methods. In: *Proceedings of Future En Seine*. Available from:
http://www.medialab.sciences-po.fr/publications/Venturini_Latour-The_Social_Fabric.pdf.

Wall M (2016) 10 things you (probably) didn't know about the Anglo-Saxons. *History Extra*. Available from: <http://www.historyextra.com/article/alfred-great/10-facts-anglo-saxons-history>.

Whitehead C, Lloyd K, Eckersley S and Mason R (2015) *Museums, migration and identity in Europe: peoples, places and identities*. Farnham, Surrey, England: Ashgate.

Wilkinson P (2001) *What the Romans did for us*. London: Boxtree.

Wilson P (2016) The Holy Roman Empire can help inspire a different European Union. *The Financial Times*, 10 Jan 2016. Available from: <https://www.ft.com/content/5f128086-bed2-11e5-9fdb-87b8d15baec2>.

Yang T-I, Torget AJ and Mihalcea R (2011) Topic modeling on historical newspapers. In: *LaTeCH '11 Proceedings of the 5th ACL-HLT Workshop on Language Technology for Cultural Heritage, Social Sciences, and Humanities*, pp. 96–104.

Zielonka J (2011) America and Europe: two contrasting or parallel empires? *Journal of Political Power* 4(3): 337-354. DOI: 10.1080/2158379X.2011.628852.