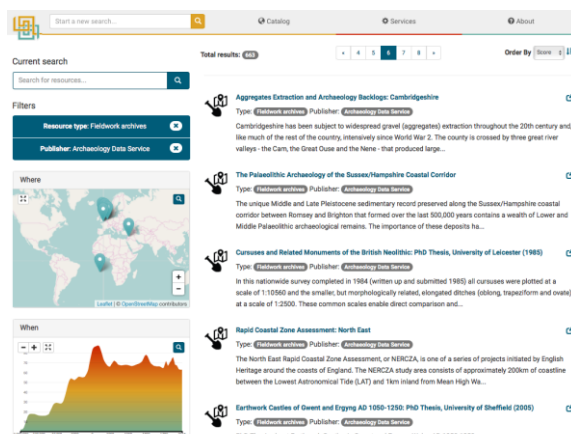## ADS/Internet Archaeology Annual Report
1 August 2015 – 31 July 2016

The Archaeology Data Service (ADS) supports research, learning and teaching with free, high quality and dependable digital resources. It does this by preserving digital data in the long term, and by promoting and disseminating a broad range of data in archaeology. The ADS promotes good practice in the use of digital data in archaeology, it provides technical advice to the research community, and supports the deployment of digital technologies. It also manages the ejournal 'Internet Archaeology', published under a Council for British Archaeology imprint. The ADS was established at the University of York in 1996, and currently has a staff of thirteen.

Highlights of the year

As the ARIADNE project enters its final year one of the main highlights was the public launch of the ARIADNE portal at the Computer Applications in Archaeology (CAA) conference in Oslo in March. The portal currently provides access to 1,519,955 metadata records provided by ADS, including ArchSearch, the Library of Unpublished Fieldwork Reports, and all ADS archives. It allows UK records to be cross-searched with those provided by other partners,

including DANS in the Netherlands, the Discovery Programme in Ireland, and INRAP in France. Full interoperable subject searching is provided by mappings to the Getty Art & Architecture Thesaurus (AAT) and timeline searching is supported by collaboration with the North American based Period0 service for period definitions; map-based searching is also supported. The portal will be maintained beyond the end of the project, and ADS will continue to improve and update it supply of records.

Closer to home the HERALD project was initiated after a long period of consultation and planning, and aims to deliver a complete overhaul of the OASIS event recording form by 2019. One of the first tasks has been to import all British and Irish Archaeological Bibliography (BIAB) records from the Council for British Archaeology (CBA) as part of a major overhaul of the ADS library which will encompass BIAB, all ADS journal holdings, as well as the library of unpublished fieldwork reports. The new full-text resources released during the year which will be available from the ADS Library include complete back-runs of the *Transactions of the Cumberland and Westmorland Antiquarian and Archaeological Society*, the *Proceedings of the Cambridge Antiquarian Society*, and the *Derbyshire Archaeological Journal*, as well as the *Books and Monographs of the Society of Antiquaries of Scotland*. As ADS increases its journal holdings we now provide a major archaeological research library for users who never need leave their desks.

1.   Preservation

In 2015 we began a migration of all CAD files to a new preservation format (AutoCAD 2010 DWG) and new dissemination formats (AutoCAD DWG, DXF, and PDF along with thumbnails and previews). This task has now been completed and the experience of undertaking a large-scale data migration was written up and published as a paper in the *International Journal of Geo-Information* (see publications).

Policy

During 2015-16 a review of ADS preservation policy and practice was undertaken, with additional dissemination of these documents via the ADS website. This was a recommendation of the most recent peer-appraisal undertaken during application and award of the 2014-2015 Data Seal of Approval (DSA). Three key documents were updated:

- ADS Preservation Policy (http://archaeologydataservice.ac.uk/advice/PreservationPolicyRev)
- ADS Repository Operations Documentation (http://archaeologydataservice.ac.uk/advice/RepositoryOperations)
- ADS Ingest Manual (http://archaeologydataservice.ac.uk/advice/Ingest)

Accreditation

Since 2010 the ADS has held the Data Seal of Approval, and we hold the Data Seal for the current guidelines (2014-15). Looking forward, the current Data Seal will be extended to the end of 2017 for existing holders - new guidelines for a 2016-18 Data Seal are currently being finalised. The ADS Preservation team will continue to monitor progress towards the next iteration of the DSA, as well as investigating emerging standards for digital archives including NESTOR.

Partnerships

We have continued our involvement in a number of UK networks of digital archives, including the Digital Preservation Coalition (DPC) and the Research Data Management Forum, and we are an accredited DAC (Data Archive Centre) for MEDIN (the Marine Environment Data Information Network).
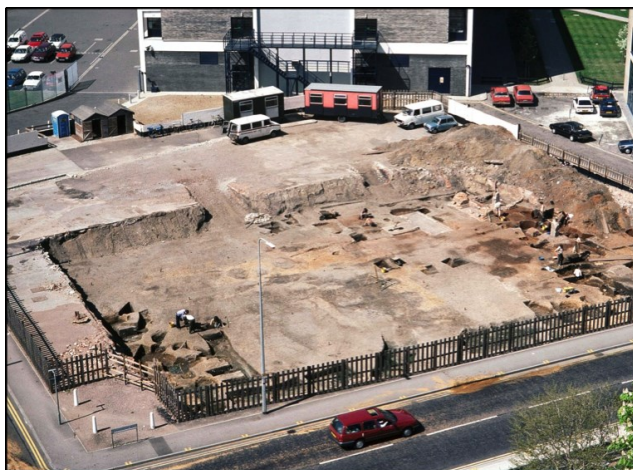
At international level we have supported initiatives to establish digital data archives in other countries (see ARIADNE report below). In November 2015 we hosted a training visit from the newly appointed digital archivists at IANUS, the German Archaeological Institute's data archive. We have also continued to work closely with the Digital Antiquity consortium in the United States, and Julian Richards is a member of the Board of Directors, participating in quarterly meetings via Skype, and an annual face-to-face meeting in Arizona.

2.   Collections Development

Significant new collections

Ipswich 1974-1990 Excavation Archive

Between 1974 and 1990 36 excavations on 34 sites were carried out by the Suffolk Archaeological Unit (subsequently Suffolk County Council Archaeological Service) under the direction of Keith Wade. Much analysis had been done but further work towards publication was delayed and deferred following the introduction of Planning Policy Guidance 16 in 1990, which changed the way archaeological work was funded. The only fully published element is the 7th-century cemetery at Buttermarket (sites IAS3104 and IAS3201) which preceded the full establishment of the town.

The consolidation of the 1974-90 archive and the preparation of the digital archive for transfer to the ADS was funded by English Heritage (now Historic England) between 2009 and 2015. The Ipswich collection presented an opportunity to push the boundaries of the map system used by the ADS to showcase information contained within collections. The map contains the features excavated for each site and allows for a basic interrogation of these by type and period.

Glastonbury Abbey: Archaeological Excavations 1904 - 1979

Glastonbury Abbey was renowned in the Middle Ages as the reputed burial place of the legendary King Arthur and the site of the earliest Christian church in Britain, believed to have been founded by Joseph of Arimathea in the first century.

The Glastonbury Abbey Archaeological Archive Project was a collaborative venture between the University of Reading and the Trustees of Glastonbury Abbey, funded principally by the Arts and Humanities Research Council. It spanned seven years from planning to completion and drew upon the records of archaeological excavations which took place at the abbey over seventy-five years (1904–79). The project has reassessed and reinterpreted all known archaeological records from the excavations. Reassessment of the archives has revealed new evidence for occupation pre-dating the first Christian settlement at Glastonbury, including material culture dating from the Iron Age to Roman and post-Roman periods, and a timber structure and trodden floor associated with imported late Roman amphorae (dated c450–550).

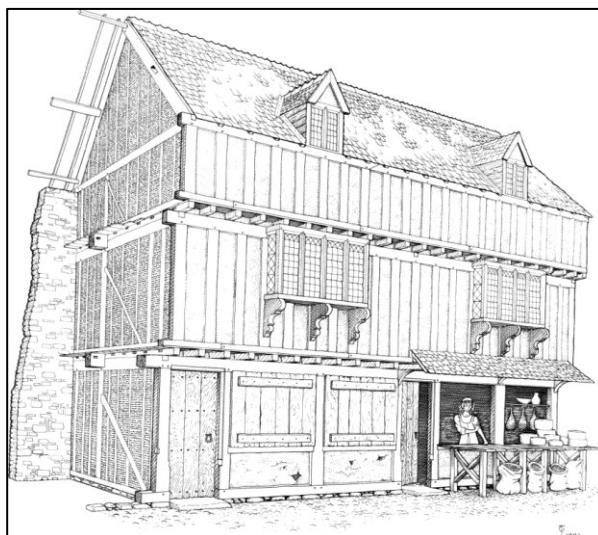Reassessment of the archive of excavations has identified a number of new questions for future research.

Society of Antiquaries of Scotland Books and Monographs

The Society of Antiquaries of Scotland completed their project to scan and archive their run of out-of-print books and monographs by depositing 29 titles with the ADS in 2016. The titles span the breadth of Scottish prehistory and history from '*Mesolithic Scotland and its Neighbours*' (A. Saville, 2004) to '*The Scottish Glass Industry 1610-1750*' (J. Turnbull, 2001). The publications released are those from the period 1982-2002 (monographs) and 2003-2008 (books). It is hoped that this valuable collection will be added to in the future.

Exeter Archaeology Archive Project

The Exeter Archaeology Archive Project was created with the aim of securing, consolidating and enhancing the archives derived from excavations in Exeter undertaken between 1970 and 1990.

Exeter Museums Archaeological Field Unit (latterly Exeter Archaeology, or EA) was created in 1970 and, between 1970-90, carried out excavations on 89 sites within the boundary of the City of Exeter, and a further 64 building recording projects. This work fundamentally altered understanding of Roman occupation of the City and added greatly to the knowledge of the Anglo-Saxon, medieval and later town.

New Collections Released

In total 220 archive collections were added in 2015-16. It should be noted that a significant number of these collections form part of large 'backlog' projects – namely the *Ipswich 1974-1990 Excavation Archive*, *Exeter Archaeology Archive Project*, and phase two of the *Birmingham Archaeology (BUFAU) Digital Archives* collections and should, strictly speaking, be treated as single projects for the purposes of comparing archive numbers with previous years. The totals can be broken down as follows:

'Single' archives:	97
Ipswich: (34 plus 1 overview)	35
Exeter: (62, plus 1 overview)	63
BUFAU:	23

For comparison to previous years, the figure of 97 single archives demonstrates there has been continued increase on the 2013-14 and 2014-15 years (85 and 87 respectively).

A list of the new archives can be found below. A full list of the archives for the Ipswich, Exeter and BUFAU projects can be found in Appendix D.

ADS-easy and OASIS Images

If the large backlog projects are excluded, then the proportion of archives submitted via ADS-easy and OASIS images has remained broadly steady at 54.6%, although the overall number submitted has increased from 43 to 53. A breakdown of statistics for those archives deposited using ADS-easy and OASIS Images is given below. It is worth noting that an initiative by Devon HER to improve the quality of archives deposited through ADS-easy, also saw 14 previously released collections updated with additional material. Perhaps, significantly, the number of new, distinct depositors for both systems has increased by 17 during the year, showing that both ADS-easy and OASIS Images are being used by a wider number of depositors throughout the profession. At the same time, the number of registered users within ADS-easy system increased to 251.

The financial year 2015-16 has also seen some significant changes to the ADS-easy system which are intended to increase the resilience of the architecture (updated to GlassFish 4.1), tidy the existing code, and improve the error reporting within the system. These changes offered an opportunity to revise the existing workflow by creating dedicated upload areas for discrete data types, improve the overall archive management and update metadata forms. Some time was also spent on updating the styling and the visual appearance of the interface, while additional dedicated help was added to each facet following requests from users. Improvements were also made to the internal workflow with help text moved outside the application to the ADS-easy database from where it can be more effectively managed, whilst updates were made to the system that transfers both data and metadata to the filestore, Collection Management System (CMS) and Object Metadata System (OMS).

As part of the process formal training materials were also produced in advance of the *Management, Preservation and Publishing of Digital Data for Archaeologists* workshop, part of Historic England *Heritage Practice Training Programme* (April 11-12 2016), and the *Data management for archaeology* CPD workshop, at the CIFA Annual Conference (April 20-22 2016). These workshops provided an opportunity to introduce the new system to depositors and receive feedback.

During the course of the year the ADS Charging Policy was also revised and will be implemented via the ADS-easy costing calculator.

Full list of Archives released 1 August 2015 to 31 July 2016

	Title	First Released	Accession Date	ADS easy?	Funder
1	Hanley Road, Malvern Wells, Worcestershire	Sep-15	Jul-15	Yes	Developer
2	Rockbeare Court Farm, Rockbeare, Devon: Archaeological Evaluation.	Sep-15	Jul-15	Yes	Developer
3	Kenniford Farm, Clyst St George, Devon: Archaeological Evaluation	Sep-15	Jul-15	Yes	Developer
4	Land North of Worcester Road, Great Witley, Archaeological Excavation (OASIS ID: cotswold2-185533)	Sep-15	Jul-15	Yes	Developer
5	Land at Church Road, Crowle, Worcestershire (OASIS ID: cotswold2-218049)	Sep-15	Jul-15	Yes	Developer*
6	Colepike Hall Farm, Lanchester, HBR (OASIS ID: thearcha2-216920)	Sep-15	Jul-15	Yes (via OASIS)	Developer*
7	Land near Jangada, Bretforton, Worcestershire	Sep-15	Jul-15	Yes	Developer
8	Land at Kidderminster Road, Hagley, Worcestershire	Sep-15	Jul-15	Yes	Developer
9	Pershore Road, Evesham, Worcestershire	Sep-15	Jun-15	Yes	Developer
10	Land North of Worcester Road, Great Witley, Archaeological Evaluation	Sep-15	Jun-15	Yes	Developer
11	Gwillams Farm, Ombersley Road, Bevere	Sep-15	Jun-15	Yes	Developer
12	Aggregate extraction related archaeology in England: a survey	Sep-15	Sep-13		Historic England
13	4504 Tithe Barn Green (Monkerton) Devon: Archaeological Evaluation Report	Sep-15	Jun-15		Developer
14	3678 Land at Tithebarn Green (Redhayes) Exeter Devon: Archaeological Evaluation	Sep-15	Jun-16		Developer
15	Land North and South of Blundell's Road, Tiverton, Devon	Sep-15	Jun-16	Yes	Developer
16	Land at Sparrowhall Lane, Powick, Worcestershire (OASIS ID: cotswold2-151711)	Sep-15	Jun-15	Yes	Developer*
17	Brainshaugh Farm Steading, Acklington, Northumberland: Historic Building Recording (OASIS ID: alanwill1-191013)	Sep-15	Apr-15	Yes (via OASIS)	Developer*

	Title	First Released	Accession Date	ADS easy?	Funder
18	Little Loughton Manor, Buckinghamshire, Evaluation (OASIS ID: cotswold2-184902)	Sep-15	Nov-14	Yes	Developer*
19	210 Bassett Green Road (SOU1647) (foundati1-177914)	Sep-15	Nov-14		Developer
20	Glastonbury Abbey: Archaeological Archive Project	Oct-15	May-15		AHRC
21	Millbay Docks, Millbay Road, Plymouth, Devon. Archaeological Watching Brief	Nov-15	Oct-15	Yes	Developer
22	Axe View, Wadbrook, Devon (OASIS ID: cotswold2-212112)	Nov-15	Oct-15	Yes	Developer*
23	Land off Bransford Road, Rushwick, Worcestershire (OASIS ID: archaeol20-212507)	Nov-15	Jul-15		Developer
24	Land at Seckington Farm, Hartland, Results of Archaeological Monitoring and Recording (OASIS ID: southwes1-172108)	Nov-15	Sep-15	Yes	Developer*
25	Land off Station Road, Tamerton Foliot, Devon (OASIS ID: cotswold2-152781)	Nov-15	Oct-15	Yes	Developer*
26	Plymstock Lime Kiln, Pomphlett, Plymouth, Devon: Historic Building Recording	Nov-15	Oct-15	Yes	Developer
27	Land off Main Street, Tingewick, Buckinghamshire (OASIS ID: cotswold2-215377)	Nov-15	Oct-15	Yes	Developer*
28	Gas main replacement, Plymouth Road, Tavistock	Nov-15	Oct-15	Yes	Developer
29	Land at Newnham Farm, Plympton, Devon	Nov-15	Oct-15	Yes	Developer
30	Land at Knightacott Cross, Bratton Fleming, Devon	Nov-15	Oct-15	Yes	Developer
31	Brixworth Church Survey: data digitisation and analysis	Nov-15	Jul-15		Society of Antiquaries of London
32	Land off Station Road, Tamerton Foliot, Devon. Archaeological Evaluation.	Nov-15	Oct-15	Yes	Developer
33	20th Century Naval Dockyards Devonport and Portsmouth	May-16	Apr-16		Historic England
34	West Midlands Regional Research Framework Resource Audit and Research Assessment	May-16	Apr-16		Historic England
35	86 The Green, Kings Norton: Archaeological Excavation	May-16	Jan-16		Developer

	Title	First Released	Accession Date	ADS easy?	Funder
36	Salston Barton Farm, Ottery St Mary, Devon, Magnetometer Survey Report (OASIS ID - archaeol20-192946)	May-16	Nov-14		Developer*
37	Wormslade Farm, Clipston Road, Kelmarsh, Northamptonshire: Magnetometer Survey (OASIS ID: archaeol20-240941)	May-16	Apr-16		Developer*
38	Turks Head Junction, Honiton, Devon: Archaeological Watching Brief (OASIS ID: cotswold2-246395)	May-16	Mar-16	Yes (via OASIS)	Developer*
39	Aspects of Suburban Landscapes: Inherited Landscapes & Suburban Greens 1850-2015	Mar-16	Mar-16	Yes	Historic England
40	Historic Building Record: Outbuilding at No.46 High Street, North Crawley, Newport Pagnell, Buckinghamshire (OASIS ID: souterra1-237559)	Mar-16	Feb-16	Yes (via OASIS)	Developer*
41	The Gas Works, Powick, Worcestershire. Historic Building Recording (OASIS ID: headland3-241886)	Mar-16	Feb-16	Yes (via OASIS)	Developer*
42	Reconstructing a Medieval Welsh Landscape: Exploring the Evidence of Nineteenth Century Field-Names and Land-Use Data in Landscape Archaeology	Mar-16	Mar-16	Yes	British Academy
43	Land adjacent to Glebe Farm, Lutterworth: Archaeological Evaluation (OASIS ID: headland3-229714)	Mar-16	Feb-16	Yes (via OASIS)	Developer*
44	Archaeological Evaluation of land at Erskine Court, Sutherland Road, Southampton (SOU1657)	Mar-16	Jan-16		Developer
45	Severn Street, Worcester, Worcestershire (OASIS IDs: wessexar1-181106 and wessexar1-220878)	Mar-16	Feb-16	Yes	Developer*
46	An Archaeological Watching Brief at West Fenwick Farm, Northumberland (OASIS ID: archaeol5-218208)	Mar-16	Oct-15	Yes (via OASIS)	Developer*

	Title	First Released	Accession Date	ADS easy?	Funder
47	Land off Longlands, Repton, Derbyshire (OASIS ID: wessexar1-203538)	Mar-16	Oct-15	Yes	Developer*
48	Bedlington Old School, Northumberland (OASIS ID: vindomor1-197083)	Mar-16	Jan-15	Yes (via OASIS)	Developer*
49	MoD Bicester	Mar-16	Jan-16		Developer
50	An Archaeological Building Recording of the former Railway Servants Orphanage, Stepping Lane, Derby (OASIS ID: archaeol5-226576)	Mar-16	Jan-16	Yes (via OASIS)	Developer*
51	Former Newton Abbot Isolation Hospital, Devon (OASIS ID: acarchae2-247718)	Jun-16	May-16	Yes	Developer*
52	Terrestrial Mineral Resource, Cumbria	Jun-16	Sep-15		Historic England
53	21 Waterloo Crescent, Bidford on Avon, Warwickshire. Archaeological Evaluation.	Jun-16	Jun-16	Yes	Developer
54	Barns at Hareston Farm, Brixton, Devon (OASIS ID - acarchae2-250519)	Jun-16	May-16	Yes	Developer*
55	Historic Building Record: Timber-framed outbuilding at No 36 High Street, North Crawley, Buckinghamshire (OASIS ID: souterra1-250253)	Jun-16	May-16	Yes	Developer*
56	Former Milber Down Abattoir, Newton Abbot (OASIS ID: cotswold2-228612)	Jun-16	Jun-16	Yes	Developer*
57	Five sites in the environs of the medieval burgh of Aberdeen	Jul-16	May-16		Local Authority
58	Thorner's Homes, Oakley Road, Shirley, Southampton (SOU1549)	Jul-16	Jul-16		Developer
59	58 West End Road, Southampton (SOU1614)	Jul-16	Jul-16		Developer
60	Old Stone Farm Solar Park, Blackawton, South Hams, Devon (OASIS ID: archaeol11-213410)	Jul-16	Oct-15	Yes	Developer*
61	South Stoneham House, Swaythling, Southampton (SOU1576)	Jul-16	Jul-16		Developer
62	Springhill Catholic Primary School, Southampton (SOU1569)	Jul-16	Jul-16		Developer
63	Willows, 20-22 Oxford Street, Southampton (SOU1548)	Jul-16	Jul-16		Developer

	Title	First Released	Accession Date	ADS easy?	Funder
64	76 St Mary Street, St Mary's, Southampton (SOU1542)	Jul-16	Jul-16		Developer
65	City Gateway, Swaythling, Southampton (SOU1499)	Jul-16	Jul-16		Developer
66	Land adjacent to Southampton Solent University (SOU1604)	Jul-16	Jul-16		Developer
67	Bommerton Farm, Molland, Devon: Watching brief (OASIS ID: cotswold2-254153)	Jul-16	Jun-16	Yes	Developer*
68	George Williams House, Cranbury Place, Southampton (SOU1655)	Jul-16	Jul-16		Developer
69	Archaeological Evaluation at 7 Archers Road, Southampton (SOU1659)	Jul-16	Jul-16		Developer
70	Old Pike House, Eckington, Worcestershire (OASIS ID: headland3-212378)	Jul-16	Apr-16	Yes (via OASIS)	Developer*
71	Copcut Lane, Droitwich, Worcestershire: Archaeological Evaluation (OASIS ID: headland3-166474)	Jul-16	Apr-16	Yes (via OASIS)	Developer*
72	Peak District National Park Historic Landscape Characterisation (HLC)	Jul-16	Apr-16		Historic England
73	22 Midanbury Lane, Southampton (SOU1683)	Jul-16	Jul-16		Developer
74	British Institute in Eastern Africa Image Archive	Jul-16	Oct-15		British Institute in Eastern Africa
75	Archaeological watching brief on soil investigations at Chapel Riverside, Southampton (SOU1672)	Jul-16	Jul-16		Developer
76	Archaeological evaluation at the Crown Inn, 73-75 Shirley High Street, Southampton. (SOU1676)	Jul-16	Jul-16		Developer
77	Land at Mosshayne Farm, Pinhoe, Devon. Archaeological Evaluation	Feb-16	Oct-15	Yes	Developer
78	Peterseat, St Fittick's and Torry Battery	Feb-16	Feb-15		Self-funded
79	Building the evidence base for historic farmsteads in Lincolnshire	Dec-15	Sep-15		Historic England

	Title	First Released	Accession Date	ADS easy?	Funder
80	Eckington and Killamarsh Bungalows (Demolition), Derbyshire	Dec-15	Nov-15	Yes	Developer
81	The animal origin of thirteenth-century uterine vellum revealed using non-invasive peptide fingerprinting	Dec-15	Nov-15		British Academy
82	Chamberlain Hall, University of Southampton (OASIS ID: oxfordar1-196630)	Dec-15	Apr-15	Yes	Developer
83	An Archaeological Watching Brief at land to the rear of Bishop's Garage, the Orchard, Corbridge, Northumberland (OASIS ID: archaeol5-216641)	Dec-15	Oct-15	Yes (via OASIS)	Developer*
84	Shepherd's Lane, Teignmouth, Devon (OASIS ID: cotswold2-211730)	Aug-15	Jun-16	Yes	Developer*
85	Rapid Coastal Zone Assessment: Dorset	Aug-15	Mar-15		Historic England
86	Old Park Farm, Pinhoe, Devon (OASIS ID: cotswold2-169814)	Aug-15	Jun-16	Yes	Developer*
87	Shropshire Historic Landscape Characterisation (HLC)	Aug-15	Feb-15		Historic England
88	Sawmills, Ashcombe, Devon (OASIS ID: cotswold2-196397)	Aug-15	Apr-15	Yes	Developer*
89	Marble Hall, Nightingale Road, Derby, Derbyshire: Archaeological Building Record (OASIS ID: waterman2-173739)	Aug-15	May-15		Developer*
90	Devon Historic Landscape Characterisation (HLC)	Aug-15	Jun-15		Historic England
91	Archaeological Excavations at Southampton New Arts Centre, Above Bar Street, Southampton (SOU1634)	Apr-16	Sep-15		Developer
92	Archaeological Investigations at 5 Bellevue Road, Southampton (SOU1615)	Apr-16	Sep-15		Developer
93	Archaeological watching brief on soil investigations at The Gas Holder site, Britannia Road, Southampton (SOU1677)	Apr-16	Jan-16		Developer
94	Archaeological Investigations at 84-88 Millbrook Road East, Southampton (SOU1629)	Apr-16	Jan-16		Developer
95	Wiseburrow Farm, Wellington, Devon (OASIS ID - abherita1-208033)	Apr-16	Oct-15		Developer*

	Title	First Released	Accession Date	ADS easy?	Funder
96	Scawby Methodist Chapel, Scawby, Lincolnshire	Apr-16	Nov-15	Yes	Developer
97	A380 South Devon Link Road, Kingskerswell, Devon	Apr-16	Mar-16		Local Authority

*Denotes that Historic England has covered the cost of the report uploaded via OASIS.

Updates and new editions

A number of local and national journals have continued to be deposited and disseminated via ADS. Three new journals and three new monograph series have been added. New titles are highlighted.

	Name	Description	Date of last update	Funder/Owner
New Journals, Series and Resources				
1	Cumberland and Westmorland Antiquarian and Archaeological Society Transactions		2015	Cumberland and Westmorland Antiquarian and Archaeological Society
2	Council for British Research in the Levant Archaeological Monographs		2015	Council for British Research in the Levant
3	Cambridge Antiquarian Proceedings		2015	Marc Fitch Fund Cambridge Antiquarian Society
4	Surrey Archaeological Society Research Volumes		2016	Surrey Archaeological Society
5	Derbyshire Archaeological Journal		2016	Derbyshire Archaeological Society
6	Society of Antiquaries Scotland books and monographs		2016	Society of Antiquaries of Scotland
Updates to existing Journals and Series				
7	Birmingham Archaeology (BUFAU) fieldwork reports	Large addition to the Grey Literature Library made as part of BUFAU backlog project	2015	Historic England
8	Medieval Britain and Ireland	Data for 2010 and 2011 added	2016	Soc for Medieval Archaeology
9	Council for British Research in the Levant Archaeological Monographs: updated	Update to new monograph series	2016	Council for British Research in the Levant

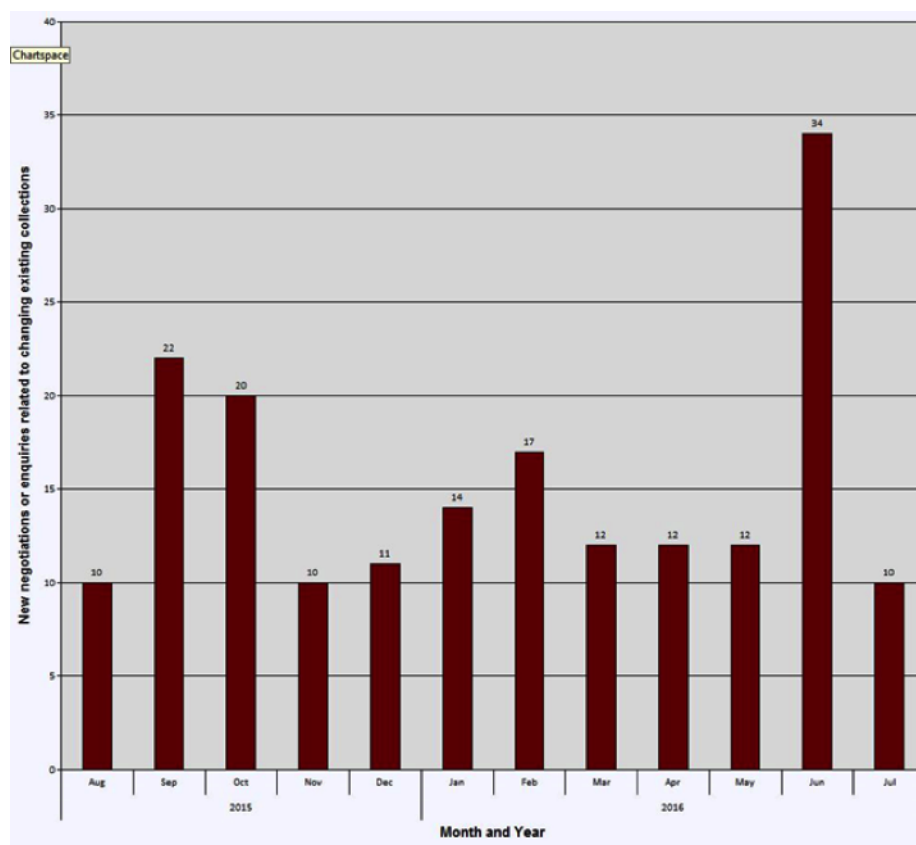|	Name	Description	Date of last update	Funder/Owner
10	Surrey Archaeological Collections: updated	Volumes 67 to 90 were added	2015	Surrey Archaeological Society
11	Sussex Archaeological Collections: volume 151	Volume 151 added	2016	Sussex Archaeological Society
12	London Archaeologist Journal	Updated with volumes 13:07 to 13:12	2016	London Archaeologist Association
Updates to existing Archives or Datasets				
13	Bibliography of the Vernacular Architecture Group	Another 800 references have been added	2016	Vernacular Architecture Group
14	The Rural Settlement of Roman Britain: updated	Additional Data Archived	2015	Leverhulme Trust, Historic England / Reading University & Cotswold Archaeology
15	Analysis of Roman Silver coins, Augustus to the reform of Trajan (27 BC – AD 100)	Additional Data Archived, query interface improved and updated	2015	AHRC / University of Liverpool
16	Winham Farm, Cullumpton: updated	Additional Data Archived	2016	Developer / Cotswold Archaeology
17	Shepherd's Lane, Teignmouth, Devon (OASIS ID: cotswold2-211730): updated	Additional Data Archived	2016	Developer / Cotswold Archaeology
18	Shepherd's Farm, Clyst St. Mary, Devon, Evaluation: updated	Additional Data Archived	2016	Developer / Cotswold Archaeology
19	Rydon Farm, Ogwell, Devon, Evaluation: updated	Additional Data Archived	2016	Developer / Cotswold Archaeology
20	Old Park Farm, Pinhoe, Devon (OASIS ID: cotswold2-169814): updated	Additional Data Archived	2016	Developer / Cotswold Archaeology
21	Land at Sentry's Farm, Exminster, Devon: Archaeological Evaluation: updated	Additional Data Archived	2016	Developer / Cotswold Archaeology
22	Land at Knightacott Cross, Bratton Fleming, Devon: updated	Additional Data Archived	2016	Developer / Cotswold Archaeology
23	Land at Elm Grove Road, Dawlish, Devon (OASIS ID: cotswold2-133318): updated	Additional Data Archived	2016	Developer / Cotswold Archaeology

	Name	Description	Date of last update	Funder/Owner
24	Land at Dunkeswell Airfield, Dunkeswell, Devon: Archaeological Strip, Map and Sample Excavation: updated	Additional Data Archived	2016	Developer / Cotswold Archaeology
25	Land West of Combe Hayes, Sidmouth: updated	Additional Data Archived	2016	Developer / Cotswold Archaeology
26	Land North and South of Blundell's Road, Tiverton: updated	Additional Data Archived	2016	Developer / Cotswold Archaeology
27	Land East of Tiverton, Devon (OASIS ID: cotswold2-154888): updated	Additional Data Archived	2016	Developer / Cotswold Archaeology
28	Axe View, Wadbrook, Devon (OASIS ID: cotswold2-212112): updated	Additional Data Archived	2016	Developer / Cotswold Archaeology
29	3678 Land at Tithebarn Green (Redhayes) Exeter Devon: Archaeological Evaluation: updated	Additional Data Archived	2016	Developer / Cotswold Archaeology

Grey Literature Library

In 2015-16 the ADS archived 4064 grey literature reports via OASIS.

New negotiations or enquiries related to changing existing collections

The graph depicts the number of negotiations August 2015 - July 2016. Of a total of 184 potential archives, 14 resulted in an accessioned deposition, and 48 resulted in a deposition and release of the archive within the same year (total 62).
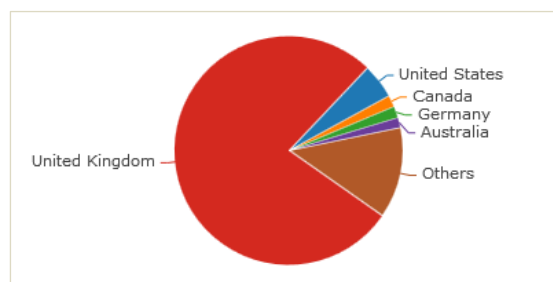
3.   Resource Delivery

The ADS website had **645,404** unique visits in 2015/16 which is a significant increase on previous years. The table below shows the unique visits to the site (one individual with multiple page views and actions).
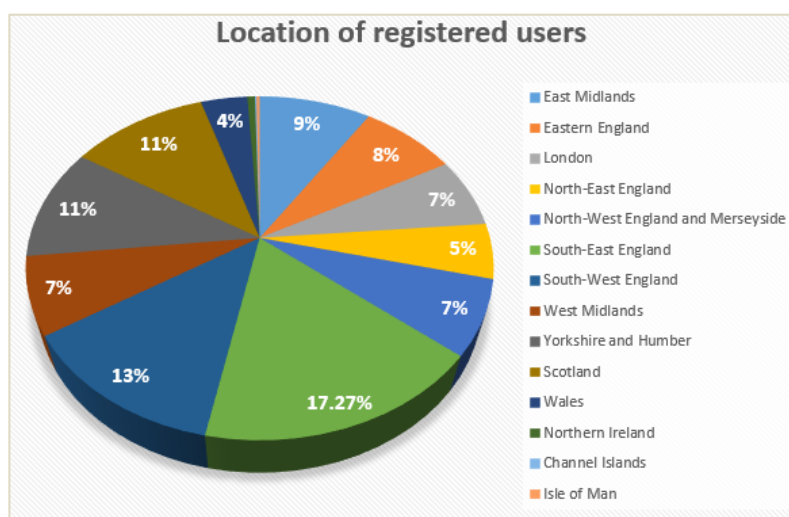
Year	Unique Visits
2012-2013	207,735
2013-2014	370,866
2014-2015	596,793
2015-2016	645,404

The vast majority of the visitors come from the UK as can be seen in the pie chart, but there were a substantial number of visitors from the United States.

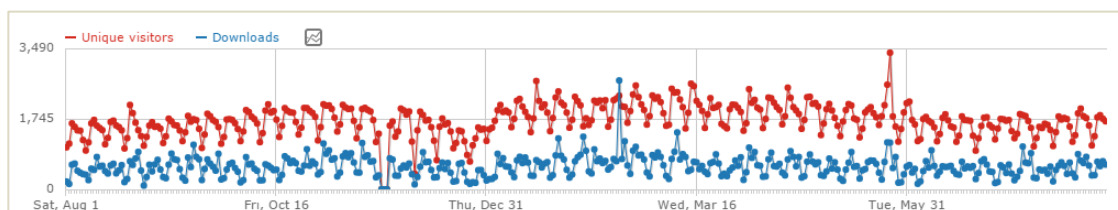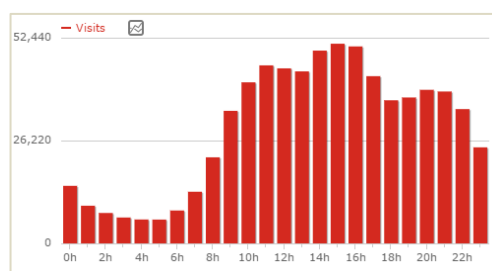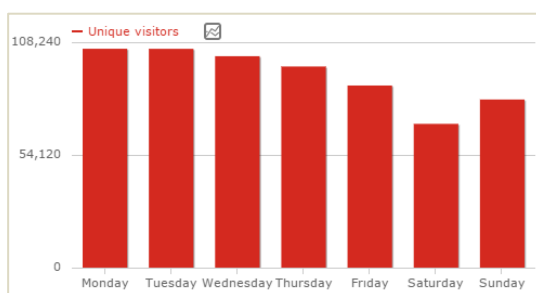|		
1.	United Kingdom	74.6%
2.	United States	7.4%
3.	Australia	1.8%
4.	Canada	1.4%
5.	Italy	1.3%
6.	Germany	1.2%
7.	France	1.1%
8.	Spain	1.0%
9.	Netherlands	0.7%
10.	Ireland	0.6%

Registered users for the website have now reached **8,755** compared with **7,061** this time last year. A total of **6,183** users were located in the UK compared with **2,157** outside the UK, with the largest proportion of these in the USA (**697**). The pie-chart below shows the location of users in the UK.

When are people visiting the ADS?

The graph and tables below presents the usage pattern for 2015-16 based on unique visits to the ADS website. The table on the left reveals that the first working day of the week is the most popular day to visit the ADS website, with visitors least active on Saturdays. These regular weekend dips in usage can also be clearly seen in the graph, as well as the gentle reduction of visitors during the Christmas period. The number of visitors visiting the ADS website begins to increase at 4am (GMT) peaking at 3pm then decreasing until 4am, with a slight increase between 7pm and 10pm. These figures reflect general work patterns in the UK and Europe.

What are people doing on the ADS website?

The following figures represent overall usage of the ADS website for the past four years.

	2012-13	2013-14	2014-15	2015-16
Visits that bounce (left the website after one page)	35%	48%	56%	59%
Average visit duration	6 min 8s	3 min 54s	3 min 20s	3 min 4s
Average actions (page views, downloads, outlinks and site searches) per visit	10.7	6.5	5	4.9
Max actions in one visit	2,022	1,541	1,566	6,634
Returning visits	94,898	126,628	198,227	231,215
Of all visitors are return visitors	46%	44%	33%	33%
Return visit bounce	30%	36%	43%	46%
Average return visit duration	8 min 22s	6 min 54s	5 min 46s	5 min 35s
Average actions per return visit	13.2	10.6	8.03	8.5
Page views	2,018,710	2,206,308	2,725,665	2,815,382
Unique page views	997,734	1,198,177	1,531,587	1,607,618
Of all visits view two or more pages	65%	52%	44%	
Downloads	174,717	160,014	200,989	206,794
Unique downloads	152,861	136,186	172,878	177,006

Roman Amphora is the most popular resource as the table below indicates with **309,938** page views. This resource is made up of many web pages providing short specific pieces of information and no downloads. The Library of Unpublished Fieldwork reports is the second most popular archive with **241,713** page views and is the most popular collection that provides downloadable files. The table below highlights the top ten archives by page views.

Page	Page Views	Unique Page Views	Bounce Rate	Average time on page	Exit Rate	Previous Rank
Roman Amphorae: a digital resource http://dx.doi.org/10.5284/1000021	309,938	190,709	30%	26	9%	1
Grey Literature Library http://archaeologydataservice.ac.uk/archives/view/greylit/	241,713	145,816	30%	29	12%	2
Proceedings of the Society of Antiquaries of Scotland http://dx.doi.org/10.5284/1000184	84,740	45,988	19%	36	16%	4
Defence of Britain http://dx.doi.org/10.5284/1000327	67,301	30,784	36%	46	22%	5
Rural Settlement of Roman Britain: an online resource http://dx.doi.org/10.5284/1030449	44,457	23,569	40%	48	19%	7
Medieval Archaeology http://dx.doi.org/10.5284/1000320	28,166	16,690	29%	31	20%	6
The Archaeological Journal http://dx.doi.org/10.5284/1018054	26,801	14,407	27%	33	20%	9
Cumberland and Westmorland Antiquarian and Archaeological Society Transactions http://dx.doi.org/10.5284/1032950	25,498	12,144	26%	37	14%	NEW
EH Monographs http://dx.doi.org/10.5284/1028203	19,530	14,147	47%	47	41%	3
CBA Research Reports http://dx.doi.org/10.5284/1000332	19,279	13,986	40%	47	36%	8

How are people finding and accessing the ADS website?

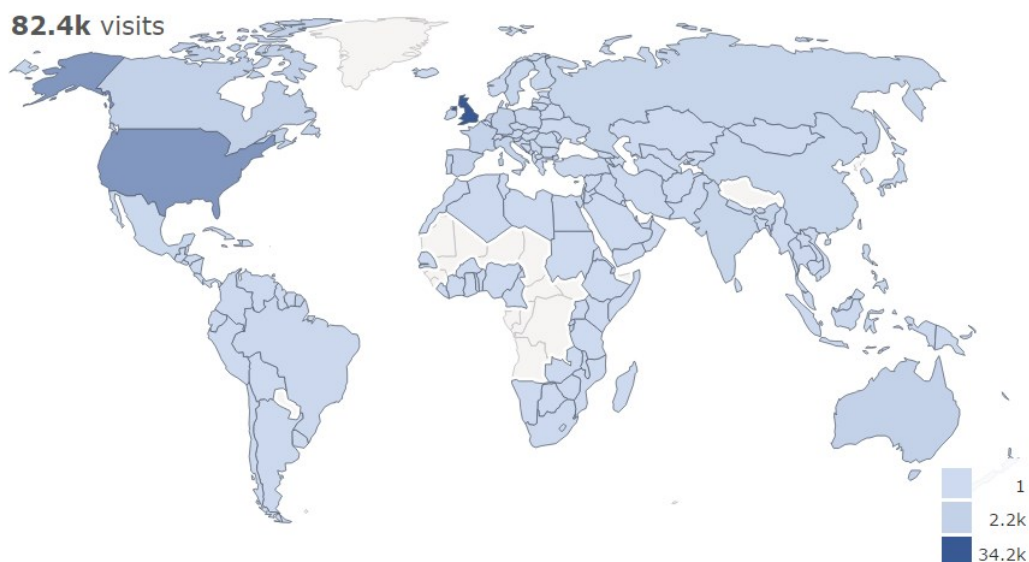|	2012-13	2013-14	2014-15	2015-16
Direct entries (percentage of total visits)	89,739 (43%)	128,398 (34.6%)	153,979 (26%)	189,086 (28%)
From search engines (percentage of total visits)	52,055 (25%)	166,786 (45%)	353,935 (59%)	428,108 (62%)
From websites (percentage of total visits)	65,938 (32%)	75,595 (20.4%)	88,830 (15%)	68,672 (10%)

Internet Archaeology usage statistics

The jump in usage of the journal, coinciding with the journal's switch to open access, has been consolidated in 2016. The journal served over 82,362 unique visitors during the report period (up from 74,987 in previous year). It receives on average 230 visits a day (up from c.200 in previous year). Announcements of new articles cause a spike in usage, with the Star Carr pendant article in particular showing a huge peak of 2,711 visits within 24 hours of its release. Visits to each page on average last around 3 mins 11 secs. Given that articles are made up of several interlinking pages, this seems to indicate that where users are staying on the site, they are spending time reading and exploring content.

The graph above represents the overall number of visits to the journal over the 12 month period. The spike at the end of February coincides with the publication of the Star Carr pendant article and is a result of the global press releases, news articles and TV publicity that accompanied the publication. The second spike marks the publication of the Abri Faravel article in May.

The majority of journal users still come from UK (41% up from 39% in previous year) and USA (20%).

4.   Electronic Publications

It has been another successful year for *Internet Archaeology* in which the journal was shortlisted twice at the British Archaeology Awards (and winning once for our involvement in the Star Carr pendant publication). The journal has also never been so busy in terms of the number of enquiries and article/themed issue proposals we have received. The editor has also represented the journal at a series of national and international gatherings including EAA (Glasgow), CDH (Uppsala), NEARCH (Poznan), Digital Past (Llandudno) and CIfA (Leicester).

Internet Archaeology's income stream remains a mix of APCs (Author Processing Charges), project income and advertising. During 2015-16 APCs have come from a range of sources including Historic England, University of York, Manchester Metropolitan University, Marc Fitch Fund, Newcastle University and Bournemouth University. Much work has gone into establishing a donations strand in this period with the aim of launching at the end of the year and which will be reported on in more detail in the next period.

Since the last report, *Internet Archaeology* has closed issue 40 and published a further 2 issues with two articles especially hitting the international headlines and social media, as well as receiving high attention scores on Altmetric (175 for Abri Faravel and 159 for Star Carr pendant – in the top 5% of all research outputs scored by Altmetric).

Issue 40 partial (rest of issue in previous reporting period)

Editorial. Internet Archaeology - The 20 year journey by Judith Winters

A Unique Engraved Shale Pendant from the Site of Star Carr: the oldest Mesolithic art in Britain by Nicky Milner, Michael Bamforth, Gareth Beale, Julian C. Carty, Konstantinos Chatzipanagis, Shannon Croft, Chantal Conneller, Ben Elliott, Laura C. Fitton, Becky Knight, Roland Kroger, Aimée Little, Andy Needham, Harry K. Robson, Charlotte C.A. Rowley and Barry Taylor

Heybridge: A late Iron Age and Roman settlement. Excavations at Elms Farm 1993-5. Volume 2 by Mark Atkinson and Stephen J. Preston (and contributors)

Review of Critical Gaming: Interactive History and Virtual Heritage [book] by Mark R. Johnson

Thematic section

OK computer? Digital community archaeologies in practice by Seren Griffiths, Chiara Bonacchi, Gabriel Moshenska and Lorna-Jane Richardson

Virtually Dead: Digital Public Mortuary Archaeology by Howard Williams and Alison Atkin

Small Works, Big Stories. Methodological approaches to photogrammetry through crowd-sourcing experiences by Seren Griffiths, Ben Edwards, Andrew Wilson, Raimund Karl, Fred Labrosse, Emily LaTrobe-Bateman, Helen Miles, Katharina Moeller, Jonathan Roberts and Bernie Tiddeman

Crowd-sourcing archaeological research: HeritageTogether digital public archaeology in practice by Seren Griffiths, Ben Edwards, Raimund Karl, Fred Labrosse, Helen Miles, Katharina Moeller, Jonathan Roberts, Bernie Tiddeman and Andrew Wilson

Critical Reflections on Digital Public Archaeology by Chiara Bonacchi and Gabriel Moshenska

Issue 41 - Romano-British Pottery in the Fifth Century

Introduction. Romano-British Pottery in the Fifth Century by James Gerrard

Fifth Century Pottery in Devon and North East Cornwall by Paul Bidwell

Two Important Stamp Motifs in Roman Britain and Thereafter by Diana C. Briscoe

Ceramic Imports to Britain and the Atlantic Seaboard in the Fifth Century and Beyond by Maria Duggan

Defining Fifth-century Ceramics in North Hertfordshire by Keith J. Fitzpatrick-Matthews

The Black Burnished Type 18 Bowl and the Fifth Century by James Gerrard

Odd Goings-on at Mucking: interpreting the latest Romano-British pottery horizon by Sam Lucy

The end of Roman Pottery Production in Southern Britain by Malcolm Lyne

Coinage and Collapse? The contribution of numismatic data to understanding the end of Roman Britain by Philippa Walton and Sam Moorhead

Issue 42 (current issue)

Interpreting the Rock Paintings of Abri Faravel: laser and white-light scanning at 2,133m in the southern French Alps by K. Walsh, F. Mocci, C. Defrasne, V. Dumas and A. Masinton

Sanctioning Memory: Changing Identity. Using 3D laser scanning to identify two 'new' portraits of the Emperor Nero in English antiquarian collections by Miles Russell and Harry Manley

Lithic Residue Survival and Characterisation at Star Carr: a burial experiment by Shannon Croft, Gilliane Monnier, Anita Radini, Aimée Little and Nicky Milner

Review of Evolving Planet [game] - Shawn Graham

5.   Resource Discovery

The ADS hosts eight web service OAI targets. During the past year the ARIADNE Portal and UK Research Data Discovery Service (UKRDDS) have been making use of our archives web service to populate their database.

The table below gives a summary of our aggregated records, external data sources and consumers of our web services:

Service	Current Count
ArchSearch records	1,612,679
Hosted external datasources	44
OAI-PMH Targets	7
SOAP	8
Web Mapping Services (WMS) in Heritage Gateway	3
RESTful API for our mobile application	2
External APIs used (DataCite, Heritage Data, Google Maps, Open Street Map)	4
External Aggregators (data.gov, NERC, MEDIN, DataCite, Keeper's Registry, Ariadne Europeana, DES, and the Heritage Gateway)	9
Linked Data Triples	2,531,302

6.   Advisory Services

Number of projects and funding applications seeking advice

Organisation	Number of applications or projects consulted on	Direct input to application – e.g. technical plan advice.
AHRC	8	2
NERC (inc. MEDIN).	2	
ESRC	1	
ERC	5	1
Leverhulme Trust	3	1

Note: Figures indicate projects or applications that commenced in the accounting period. Numerous projects run over several accounting periods, with advice being given at the application stage and throughout the life of the project.

Workshop and Training events

LoCloud Workshop, Digital Heritage, Grenada

In September 2015, Holly Wright attended Digital Heritage, presented an introduction to the LoCloud project and participated in the panel discussion during the TAG Cloud workshop. She also chaired and presented in the half-day LoCloud workshop. The object of the workshop was to share the results of the LoCloud project, and stimulate discussion and collaboration between curators, experts and stakeholders in digital libraries, cultural heritage, tourism and local communities. It showcased work in supporting small and medium sized cultural institutions in making their digitised collections discoverable online, via portals such as Europeana and other applications. Holly also presented in the CAA Fall Symposium held at Digital Heritage.

LoCloud Workshop, EVA/MINERVA Jerusalem

A half-day workshop for the LoCloud project was held as part of EVA/MINERVA in November 2015. Holly Wright chaired the workshop and presented an overview of the project and an introduction to LoCloud Collections, a collection management system developed by partners from the Poznań Supercomputing and Networking Centre. The workshop shared the results of the LoCloud project, and stimulated discussion and collaboration between curators, experts and stakeholders in digital libraries, cultural heritage, tourism and local communities. It also showcased work in supporting small and medium sized cultural institutions in making their digitised collections discoverable online, via portals such as Europeana and other applications.

Society of Museum Archaeologists Workshop – HERALD and OASIS

A half day workshop was held with the Society of Museum Archaeologists in October 2015. Jo Gilham and Louisa Matthews presented an overview of the HERALD project to date and directed two workshop activities for Museum Archaeologists. The object of the day was to stimulate discussion and feedback on the OASIS system and identify the needs of Museum professionals going forward. The day resulted in the conclusion that museum professionals would like to be more actively involved in OASIS, and gave the ADS a greater awareness of how museums function and deal with archives. The workshop also allowed the ADS to identify which features curators would most likely to use in the new system, and what questions needed to be asked about these in future consultations.

CIfA GeoSIG and ADS Workshop, Birmingham

A one-day workshop arranged by the ADS and the CIfA GeoSIG. Ray Moore and Louisa Matthews presented an introduction to the ADS and archiving of digital data to over 20 geophysicists. This was followed by a productive and lively discussion and workshop activities. Outcomes of the workshop will be used in formulating strategies for the archiving of geophysics date going forward. Attendees were predominantly from the commercial heritage sector with representatives from Historic England and CIfA also in attendance.

ARIADNE workshops, Vienna, Ljubljana

Two full-day data management workshops were held in January 2016, one in Vienna and one in Ljubljana, run by Holly Wright (and Kate Fernie from 2Culture Associates). The workshop in Ljubljana was attended by representatives from the Slovenian Ministry of Culture, the National Museum of Slovenia, the National Archive of Slovenia, the Institute for the Protection of Cultural Heritage of Slovenia, several local museums, and several archaeologists from the Scientific Research Centre of the Slovenian Academy of Sciences and Arts (host organisation). The workshop in Vienna was attended by archaeologists from the

major Austrian institutions, including the Universities of Vienna and Graz, the Austrian Archaeological Institute, the Austrian Federal Monuments Office, and the Austrian Academy of Sciences (host organisation). Archaeologists from Hungary were also in attendance. Both workshops had over 40 attendees, and were considered highly successful, and have subsequently resulted in work towards launching archiving initiatives in both countries.

Digital Data & Archaeology, Management, Preservation and Publishing of Digital Data for Archaeologists Workshop, Leicester

This workshop was part of the Heritage Practice training courses run in partnership with Historic England and the University of Leicester. It aimed to provide data creators and curators with the essential knowledge and skills necessary to carry out digital preservation and data management. The workshop was held on the 11 and 12 April 2016, had full attendance with 16 students and we received excellent feedback. The course featured speakers from ADS, *Internet Archaeology* and Historic England who highlighted the importance of digital preservation and data standards in archaeology, introduced best practices for data creation and management, and interrogated case study examples of digital archives.

Built Legacy Project Workshop, York

A half-day workshop was arranged as the culmination of our 'Built Legacy' project. This was a six-month project funded by a University of York External Engagement Award. The project sought to build partnerships with the Conservation and Architectural History disciplines who engage in the recording of historic buildings and structures. The workshop was arranged in partnership with the Yorkshire and Humber Institute for Historic Building Conservation (IHBC) group and was attended by individuals, conservation officers and commercial practitioners. Feedback from the workshop was positive, with all respondents to a post-workshop survey rating the workshop as 'good' or 'excellent'.

Additional training events included a Fort Cumberland lunchtime lecture on HERALD for Historic England staff in November 2015, a Historic Environment maritime workshop on Archiving Marine Data for MEDIN in February 2016 and a HELM planning event in June 2016.

A full list of conferences, workshops and other significant meetings attended is available in Appendix E.

University visits

ADS staff gave lectures or seminars at the following universities over the past year: Bradford, Reading, Leeds, Southampton, Manchester, Aberystwyth and York. Most of these visits included two talks, one to undergraduates and another to postgraduates. The number of visits has remained the same as in previous years, but a new effort to encourage universities to take advantage of ADS workshops and presentations is currently underway ready for the new academic year. A work pack is available and is kept up to date, which includes a presentation on ADS, Data Management and Digital Archiving, a step-by-step workbook that guides a student through ADS resources and a data management plan workbook for postgraduates.

7.   Standards

New Documentation

Work has continued to update and enhance ADS internal data procedures alongside public-facing documents such as the Guidelines for Depositors.

Guides to Good Practice

A number of new additions have been made to the Guides to Good Practice over the last twelve months.

An Optimum Guide for the Reduction of Noise using a Surface Scanner for Digitising Human Osteological Remains.
A case study focused on Structured Light (SL) Scanning was added to the Guides in November 2015. The case study links in to the existing guide on Laser Scanning and focuses on the set up, workflow, metadata and file formats used in SL scanning osteological remains.

Dendrochronology: Guide to Good Practice Case Study
The case study *The Dendrochronology of the Early-medieval Emporium Dorestad,* authored by Prof. Esther Jansma (Cultural Heritage Agency and Utrecht University, the Netherlands), was added to the existing Dendrochronology guide in June 2016. The case study provides a real-world worked example of the reanalysis of dendrochronological data using the Tree Ring Data Standard (TRiDaS) and associated tools.

ARIADNE Guides in progress

Work has also focused on a number of new guides scheduled to be published before the end of 2016 and undertaken as part of ADS contribution to ARIADNE.

A Guide looking at 3D datasets is currently undergoing final edits prior to release in September/October. The guide has been jointly produced by ADS, DAI (Germany) and DANS (The Netherlands) and is based on an original DAI document in German.

Work is also being carried out on producing a guide on Reflectance Transformation Imaging (RTI). This guide incorporates current ADS internal guidelines on data documentation and formats and will tie in with current work being undertaken by Cultural Heritage Imaging (CHI) to develop tools for the documentation of RTI workflows.

Partnerships

Development of data standards requires partnership across the heritage sector and we have continued to work with other heritage information bodies via FISH (the Forum for Information Standards in Heritage), HEIRNET (Historic Environment Information Resources Network), and the AAF (Archaeological Archives Forum).

The ADS is also a key partner in the development of England's Heritage Information Access Strategy (HIAS) and a member of the Advisory Board. We are leading the 'Collecting and Validation' work package, which incorporates the re-design of the British and Irish

Archaeological Bibliography (BIAB), and the redevelopment of OASIS as part of the HERALD project (see below).

8. **Re-use: Publicity and promotion**

    Newsletter

    Issue 28 of the ADS hardcopy newsletter, marking 20 years of the ADS, was published in March 2016. Over **400** copies have been distributed to university archaeology departments, Historic Environment Record (HER) offices, major archaeological services and key ADS stakeholders with additional copies being distributed during conferences, seminars and workshops.

    E-Newsletter

    Ten issues of the e-newsletter *ADS Update* have now been published with issue ten released in December 2015. This e-newsletter is distributed to all registered users via the ADS-managed Jisc mail lists and is publicised via ADS social media accounts.

    Email Lists

    The ADS general list ads-all@jiscmail.ac.uk is used to publicise key events and activities and has posted **16** emails over the past year. Membership has decreased to **1,866** subscribers (down from **2,743** in 2014/15 and **1,718** in 2013/14). ADS also regularly posts to the Britarch, Antiquist, HER Forum, FISH and the IfA IMSIG lists.

    Internet Archaeology's email list intarch-interest@jiscmail.ac.uk has always been used to publicise new releases and other related news to its steady membership (c.300). Although new members continue to sign up to the email list (while others leave), it is clearly the journal's social media outlets, especially Twitter, that have taken over the publicity role.

    RSS News Feed

    The ADS RSS news feed continues to be updated with two to three new news items per month and is primarily focused on new archive releases. The *Internet Archaeology* RSS news feed posts an average of 1-2 news items per month, and is used primarily to announce new content as and when it is published.

    Social Media

    The ADS social media strategy revolves around three main services; Facebook, Twitter (two accounts), and Wordpress. *Internet Archaeology's* social media outlets include a Facebook account and Twitter.

    The **Friday Photo** posting to Facebook and Twitter continues to be our most consistently popular post across both social media sites. This weekly post uses a photo to highlight a particular archive or to link in with a topical theme and routinely reaches between one and two thousand people.

Facebook

The ADS Facebook account posts information on all new archive releases, featured collections, ADS events, news items and blog posts related to ADS. The Facebook account is also used to share relevant news from *Internet Archaeology* and our project partners. The account currently has **1,747 Likes,** an increase of **246** from last year. The average post reach is **358** with a high of **4,357** with the release of a blog post on the Atlas of Rural Settlement in August 2015. This post was clicked on **286** times, and engaged with (reactions, comments, and shares) **313** times.

Graph showing daily interaction with ADS facebook posts

Top ten most popular posts are:
1. Blog post from Tim Evans on ADS's involvement in the Roman Rural Settlement of Britain Project (24/8/15, **4,357** reached)
2. #FridayPhoto: Excavation of antler from Heslington East Excavation Archive (6/5/16, **2,392** reached)
3. #FridayPhoto: St Fittick's Church and graveyard, Aberdeen (22/7/16, **1,938** reached)
4. #FridayPhoto: animated gif of the Star Carr Engraved Pendant from *Internet Archaeology* (26/2/16, **1,845** reached)
5. #FridayPhoto: cellar below building at Hammond's Quay, City of London (15/7/16, **1716** reached)
6. British prehistoric rock art (13/6/16, **1,608** reached)
7. Day of Archaeology (29/7/16, **1,562** reached)
8. ARCHIVE UPDATE: Society of Antiquaries of Scotland's out-of-print monographs and books (7/7/16, **1,512** reached)
9. #FridayPhoto: flint find from Cheviot Quarry, Northumberland (1/7/16, **1,452** reached)
10. UNESCO launch PERSIST, guidelines for the selection of digital heritage for long-term preservation (5/4/16, **1,380** reached)

The majority (33%) of ADS Facebook followers are in the 25-34 age bracket, closely followed by the 35-44 age group (24%). The vast majority of those who follow the page are from the UK, closely followed by users from the US.

Internet Archaeology's Facebook page currently has c.**4,700** fans (**4,528** in previous year). It is used to promote new content as well as highlighting content from earlier issues, including a popular Friday Photo.

Twitter
@ADS_Update has **4,164** followers on Twitter; up from **3,398** in 2014/15. All new archive releases, events, project updates and major Grey Literature Library updates are announced via our corporate channel (@ADS_Update). Top tweets for the 2015/16 period include the call for papers for the 2016 CHNT conference and the announcement of the Society of Antiquaries of Scotland out-of-print monographs and books.

@ADS_Chatter is used for less formal communications at conferences etc. and currently has **658** followers, up from **485** in 2014/15. Top tweets for the 2015/16 period include the Friday Photo of Mowbray Castle from the Nidderdale AONB archive and the release of the Peak District National Park HLC.

@ArchBritApp has **522** followers (up from **451**) and is used to promote the Archaeology Britain App and ADS Friday Photos and certain *Internet Archaeology* and *ADS News* items.

@Intarcheditor has **9,788** followers on Twitter, up from **7,814** last year and is used both to promote past and existing journal content, as well as for conference tweeting, engaging in conversation and posting links about e-publishing and open access publishing more generally.

The Twitter accounts largely mirror the Facebook posts (albeit occasionally shorter) and see frequent re-tweets, highlighting that daily communication is key to growing engaged followers.

Wordpress Blogs
ADS runs three blogs, **ADS Sound Bytes**, the **ADS-easy blog** and the **OASIS blog.**

The ADS Blog 'Sound Bytes' acts as a platform for ADS staff to write short articles discussing technical issues as well as disseminating updates on ADS research activities. Over the past year **13** articles have been published covering topics from visits to ADS (IANUS, NEARCH artist-in-residence) through to competitions and awards.

Piwik web analytics show that the blog has had **2,841** unique page views over the last year, a decrease from the previous year's total of **4,523**. This is likely to result from the decreased number of posts made to the blog over the last twelve months. The article on Roman Rural Settlement proved to be the most popular blog post with **684** unique page views, followed by the announcement of the digital data re-use award (**287** views). The vast majority of readers appear to come to the blog via search engine results.

Press releases and news items (selection only)
11,000 year old pendant is earliest known Mesolithic art in Britain
http://www.york.ac.uk/news-and-events/news/2016/research/mesolithic-shale-pendant/

Archaeologists Find 11,000-Year-Old Engraved Pendant in Britain
http://www.sci-news.com/archaeology/engraved-pendant-mesolithic-britain-03660.html

High altitude archaeology: prehistoric paintings revealed
http://www.york.ac.uk/news-and-events/news/2016/research/alpine-rock-art/

Scientists make striking high-tech scan of prehistoric art
http://www.foxnews.com/science/2016/05/26/scientists-make-striking-high-tech-scan-prehistoric-art.html

York Scientists Scale The Alps To Scan High-Altitude Prehistoric Art
http://www.techtimes.com/articles/161275/20160528/york-scientists-scale-the-alps-to-scan-high-altitude-prehistoric-art.htm

York wins top archaeology award
http://www.york.ac.uk/news-and-events/news/2016/quality/baa-award-2016/

Selected user comments on ADS

Amazing resource now available @ADS_Update for all archaeologists working in West Mids, this gives our work context
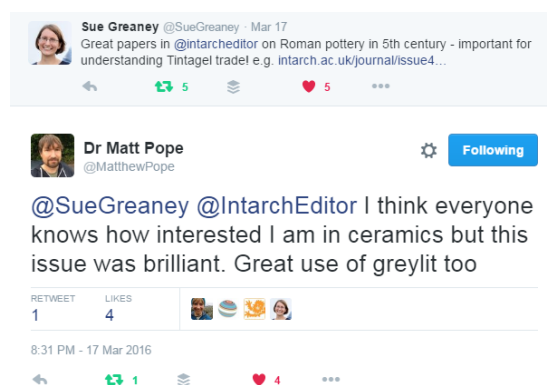PAS in the Marches (twitter)

@ADS_Update have never found you to be anything but helpful at ADS :-) have enjoyed working with you on various things
Sarah Foxley (Twitter)

End of two days with a great bunch at Digital Data & Archaeology @uniofleicester Thanks @ADS_Update @HistoricEngland @IntarchEditor
Priscilla Ulguim (Twitter)

Selected user comments on *Internet Archaeology*

Andrew Davidson, Chair of the British Archaeological Awards judging panel for the Best Archaeological Innovation Award:

"The availability of an open-access journal for archaeology was appreciated in full by the judges, and in particular the rapid adoption of new on-line publishing methodologies in Internet Archaeology. The journal enables prompt publication of significant new information and is freely available to anyone with access to the internet. This service, of fundamental interest to all involved with archaeological research and its dissemination, is currently unique within British archaeology."

Yale Classics Lib
@YaleClassicsLib

New issue of Internet Archaeology 40 #openaccess intarch.ac.uk/journal/issue4… via @IntarchEditor Congrats on 20 years

RETWEETS 8   LIKES 6

1:04 AM - 15 Mar 2016

Rob Hedge
@robhedge

Love the #starcarr Mesolithic pendant & pleased to see so much is #openaccess. This is how research should be done!

Internet Archaeology @IntarchEditor
The #pendant article incoporates a 3D viewer, RTIViewer with movable light source and even a file for 3D printing. dx.doi.org/10.11141/ia.40…

RETWEETS 5   LIKES 11

8:35 AM - 26 Feb 2016

Worcester, England

Janet E Davis @janetedavis · Feb 26
A fab find well researched - & the publication of the article an exemplar of how to publish such material digitally.

Internet Archaeology @IntarchEditor
The #pendant article incoporates a 3D viewer, RTIViewer with movable light source and even a file for 3D printing. dx.doi.org/10.11141/ia.40…

Internet Archaeology @IntarchEditor · Feb 26
@janetedavis Thank you. Really lovely to hear that it's so well received.

Janet E Davis
@janetedavis

@IntarchEditor So good to see such a great digital publication of an article, using the format to enhance the understanding of the research.

LIKE 1

12:05 PM - 26 Feb 2016

9.   Research and development

Since January 2014 ADS staff have been engaged in the **HERALD** project. This represents the next stage of development of OASIS: a collaborative venture between the ADS and Historic England to provide information about archaeological events and access to unpublished archaeological fieldwork reports or 'grey literature', especially those produced as a result of planning/development control related fieldwork. Stage 2 of the project was funded and started in April 2016 and combines the previous separate projects of the redevelopment of OASIS and BIAB. OASIS is currently in the final planning and consultation phase with the functional specification due at the end of 2016.

The redevelopment of BIAB and the creation of the new ADS Library is the second part of HERALD and continues on from the completion of the feasibility study which ended in September 2015. The new ADS Library will contain data from BIAB, the Grey Literature Library and the journal and monograph archives hosted by the ADS, bringing all our text-based sources within one system. It is due for release in 2016.

ADS has also continued to play a significant role in a number of European projects. We are in the final year of **ARIADNE**, a four-year EU Infrastructures project, coordinated by PIN at the University of Florence and ADS (Deputy Coordinators), and made up of 24 partners across 16 European countries. ARIADNE has brought together and integrated existing archaeological

research data infrastructures, via the new ARIADNE portal, so researchers can use these distributed datasets and technologies as an integral component within their research. As Deputy Coordinators, ADS continues to be heavily involved in the overall planning and management of the project across all 17 workpackages. Highlights of our involvement over the past year include the completion of another deliverable: *Final report on good practices*, describing the new and updated content created by ADS and the ARIADNE partners for inclusion within the Guides to Good Practice. As the workpackage leaders for Transnational Access and Training, we successfully organised and/or oversaw organisation of four physical transnational access workshops: a seminar on 3DHOP at Digital Heritage in Granada, data management workshops in Vienna and Ljubljana, and a session at CAA in Oslo. We also contributed to organising the third year of 'summer schools' held by the participating technical providers (PIN, CNR and ATHENA RC). In addition, ADS continues to play a key role in the development of other workpackages, especially in dealing with how subjects, space and time will be handled within the infrastructure. Finally, we were the testing data provider for the ingestion of metadata into the new ARIADNE portal, which can be viewed at http://portal.ariadne-infrastructure.eu/.

ADS3DV has been a two-year project funded under the 'Marie Curie Actions' Seventh Framework Programme, and benefits from the collaboration with the Italian Visual Computing Lab (ISTI-CNR; http://vcg.isti.cnr.it) in the framework of the ARIADNE European project. In the first year the CNR 3DHOP viewer was implemented to allow web-based interaction with 3D representations of artefacts in the Tel Amarna archive. During the second (and final) year of the project the ADS 3D Viewer has been extended to allow the visualization and analysis of multiple layers of archaeological stratigraphy, and a measuring tool has been added. The stratigraphic viewer has been piloted on an archive from the case study site at Las Cuevas in Belize, and it will be implemented in the Star Carr archive to facilitate visualisation of the timber platforms.

LoCloud was a three-year EU Competitiveness and Innovation Framework Programme (CIP) best practice network which was completed at the end of January 2016. LoCloud was coordinated by the National Archives of Norway and was made up of 32 partners across 26 European countries. LoCloud followed on directly from the CARARE project (in which ADS was also a partner) and EuropeanaLocal, another recently completed best practice network, which played an important role in ensuring the digital content provided by Europeana's local and regional cultural institutions were represented in Europeana. LoCloud combined updated versions of the metadata mapping tools and methodology developed as part of CARARE, with cloud computing technology (along with other microservices), to help small-to-medium sized heritage organisations make their content discoverable within Europeana. In our role as aggregator for the UK, ADS provided additional metadata to make a larger part of our archives discoverable within Europeana, adding metadata for 36,120 new pieces of content. As leaders of the Dissemination and Exploitation workpackage, over the last year ADS oversaw the dissemination planning and implementation, including an international dissemination workshop held at the Digital Heritage International Congress in Granada in September 2015 which included workshop with 13 speakers, representing partners from 10 countries. ADS was also a key participant in the LoCloud Workshop at the EVA/MINERVA conference in Jerusalem in November 2015.

New Scenarios for a Community-involved Archaeology (**NEARCH**), is a five-year EU Culture Programme project, coordinated by the Institut National de Recherches Archéologiques Preventives (INRAP) in France, and is made up of 14 partners, across 10 European countries. NEARCH follows on directly from the ACE project (in which ADS was also a partner), and aims

to assess the implications of the recent economic crisis in the fields of Archaeology and Heritage, and to propose new ways of working and interacting, in particular within different dimensions of public participation. Over the last year ADS worked with the organisers of the digital 'Day of Archaeology' and NEARCH partners, to expand participation throughout Europe. Last year, partners were simply asked to participate, but this year partners acted as moderators, allowing archaeologists to blog about their day in eight different European languages. This resulted in 37 new blog posts, 30 of which were in a language other than English. ADS is also carrying out mobile app development in partnership with the Centre for Digital Heritage, and developing ideas for alternative forms of publication, adapted for different audiences, with *Internet Archaeology*.

DADAISM has brought together researchers from the diverse fields of archaeology (ADS, University of York), human computer interaction (University of York), image processing, image search and retrieval (University of Saskatchewan), and text-mining (University of Amsterdam), with funding under the Digging into Data Challenge. It has created an interactive system to address the problems of researchers finding images relevant to their research, with pilots in the fields of stone tools and Anglo-Scandinavian jewelry. The project was completed during the year and the results have been presented at a number of conferences. An online demonstrator is to be made available.

Archaeological Automatic Interpretation and Documentation of cEramics (**ArchAIDE**) is a three-year, EU Horizon 2020 Reflective-funded project, which began in June 2016 and is coordinated by the University of Pisa in Italy. ArchAIDE is made up of nine partners from six countries and focuses on building scalable and easy-to-use technologies to document finds (specifically pottery) from archaeological excavations while in the field, support archaeologists during the subsequent interpretation phase, archive the comparative data created by the project within a remote repository, and provide easy access to this data to the professional and non-professional archaeology community. ADS leads two of the ten workpackages, including WP3: Creation of the Application Database and WP10: Archiving and Dissemination. In addition to acting as workpackage leaders, ADS will be responsible for designing the database to house the comparative data generated by the project, and then archiving and disseminating that data. The kick-off meeting for the project was held in June 2016 and work is already underway to define the database, the archiving and dissemination plans, contributions to the methodologies that will be in use throughout the project, and creation of the first design specifications.

In March 2016 the European Strategy Forum on Research Infrastructures (ESFRI) published its 2016 Roadmap. This included a commitment to establish **E-RIHS** (European Research Infrastructure for Heritage Science). The infrastructure is intended to build upon the work of a number of European heritage networks, namely EU-ARTECH, CHARISMA and IPERION CH in conservation science, and ARIADNE in archaeology. E-RIHS will provide an overarching RI with more than 60 partners from 18 EC Member States, including a large worldwide network of affiliations and collaborations including more than 20 prominent institutions from all five continents, with numbers expected to increase quickly. The proposal to establish the RI is being led by CNR in Italy. In the UK, the lead partner is University College London, with ADS providing digital expertise. Initial planning meetings have been held in Florence and Amsterdam, and it is anticipated that a two-year funded preparatory phase will commence in early 2017.

10.   Service management

Systems Management

During 2015 the last of our computerised systems were migrated to Virtual Machines (VMs) managed by the University of York IT Services. In addition, all of our Oracle and MySQL database instances were migrated to ITS. This has meant that while our hardware resources are managed by IT Services, with their considerable experience, we still have full control administering the VMs, for example, managing user permissions and monitoring the performance of our applications. IT Services have also provided us with backed-up NFS file shares on which we keep all of our crucial programs and data. In 2016 we have also been allocated two new VMs and an SFTP area was set up on one of our servers.

Our current systems architecture is as follows:

- 27 Virtual Machines: these include the following:
    - Several VMs for our internal and external web applications
    - Piwik Stats
    - GitLab code repository
    - Internal Wordpress blogs
    - Day of Archaeology Wordpress blog
    - Society of Antiquaries web application
    - Geoserver mapping
    - AllegroGraph triplestore
    - Pubby SPARQL endpoint
    - OAI targets

- Databases:
    - Oracle live database
    - Oracle development database
    - MySQL live database

- NFS File Shares: these are our backed-up file shares:
    - Preservation Data
    - Dissemination Data
    - Crucial programs and application data

- Deep Storage at the UK Data Archive (UKDA)

We have been monitoring the performance of our VMs and web applications using New Relic software which has allowed us to determine web application uptimes and memory, CPU and disk usage of our VMs. Using New Relic, we have been able to determine that our web application uptimes have consistently approached 100%. Now that all of our systems have been migrated we are beginning to spend more time looking at the quality of the connections to our websites, not only in terms of uptimes but also the speed of the connections.

Our database instances have also approached 100% uptime with just two occasions in 2016 when a database statement caused a lock in the database. These problems were quickly dealt with by IT Services.

The NFS file system supplied by IT Services stores all of our important programs and data, for example our preservation and dissemination data. The file shares have a 30-day back-up via a *.snapshot* directory which means that we can go back to see the state of the file system on any day in the last 30 days.

There have been 4 new PCs and 1 new Laptop purchased during the last year. The PCs were for staff members and the Laptop for general use.

Following the modification of our Redsquid code to protect it against SQL injection last year, this year we have completed the modification of our Internet Archaeology code.

Financial Management and Staffing

During the year 1 August 2015 - 31 July 2016 the ADS had total income of £724,706 and total expenditure of £798,359 (including £12,000 transferred to reserves). An additional £17,185 was received as the ADS share of University of York overheads. A credit balance of £93,362 was carried forward from the 2014-15 financial year, leaving a credit balance of £36,894 to carry forward to 2016-17. The majority of this relates to income received in advance of work undertaken, and it is planned that this will be expended during 2016-17. Additionally, £226,561 is now held in the ADS reserves account. The full accounts for 2015-16 are available as a separate document.

The internal management team held quarterly meetings to review finances, and project leads met on a monthly basis to prioritise tasks and agree the work schedule for the coming month. There were also monthly meetings of all curatorial and technical staff to identify required systems and preservation actions. With the introduction of the monthly management meeting it was agreed that Executive meetings of all ADS staff should be held on a quarterly basis. In addition there have been occasional lunchtime staff seminars to look at developments, or have presentations from visitors. All staff had one-to-one meetings under the University of York's Performance Review scheme.

Michael Charno left ADS at the end of December 2015 but we were fortunate to be able to re-employ Paul Young as an Applications Developer, with special responsibility for systems administration. In addition, from February-July 2016 we employed Angie Creswick as a project Research Assistant on the Built Legacy project, with additional funding from a University of York External Engagement Award.

APPENDICES

(A) Staffing List

Julian D Richards, Director
Angie Creswick, Project Research Assistant (from February to July 2016)
Michael Charno, Lead Applications Developer (until December 2015)
Tim Evans, Digital Archivist (Preservation Lead)
Georgie Field, Trainee Digital Archivist (until September 2015)
Jo Gilham, Digital Archivist (HERALD Project Manager)
Katie Green, Communications & Access Manager
Louisa Matthews, Collections Development Manager
Ray Moore, Digital Archivist (ADS-easy Manager; Lead Archivist)
Kieron Niven, Digital Archivist (Standards Editor)
Jenny O'Brien, Digital Archivist (OASIS officer)
Donna Page, Administrator
Judith Winters, Internet Archaeology Editor
Holly Wright, European Projects Manager
Lei Xia, Applications Developer
Paul Young, Applications Developer (from January 2016)

(B) ADS Management Committee Membership

Met on 15 March 2016

Corresponding members are indicated with an asterisk

Sam Turner, Chair, University of Newcastle
Mike Heyworth, MBE, Vice-Chair, Council for British Archaeology
Jeremy Huggett, Vice-Chair, University of Glasgow
Diana Murray, Vice-Chair, Historic Environment Scotland

Ian Broadbridge, Arts and Humanities Research Council
Nick Boldrini, ALGAO
Barry Cunliffe*, British Academy
Dan Pett*, British Museum
William Kilbride, Digital Preservation Coalition
Anthony Sinclair, Higher Education Academy
Keith May, Historic England
Mike Evans, Historic England (NMR)
Rebecca Jones, Historic Scotland
Edmund Southworth*, Manx National Heritage
Clare Postlethwaite, MEDIN
Mark Thorley, Natural Environment Research Council
Gary Lock* Oxford University
David Thomas, RCAHMW
Ortrun Peyn, Society of Antiquaries of London (until June 2016)
Simon Gilmour, Society of Antiquaries of Scotland
Erin Osborne-Martin, Society of Antiquaries of Scotland (until June 2016)
Paul Miller, The Cloud of Data
Andrew Bevan, UCL Institute of Archaeology

Vince Gaffney*, University of Birmingham
Tim Darvill OBE, Bournemouth University
Richard Higgins, University of Durham
Mark Gillings*, University of Leicester
Graeme Earl, University of Southampton
Steve Mills* University of Wales – Cardiff
Deborah Smith, PVC for Research, University of York

(C) *Internet Archaeology* **Advisory Editors**

Prof Mark Aldenderfer	University of California, Merced
Dr Graeme Earl	University of Southampton
Dr Mike P Heyworth	Council for British Archaeology Co-director
Dr Jeremy Huggett	University of Glasgow
Dr Ian Johnson	University of Sydney
Dr Hans Kamermans	University of Leiden
Dr Sarah May	Independent researcher
Dr Francis P McManamon	Director, Digital Antiquity
Prof Franco Niccolucci	University of Florence
Dr Alistair Paterson	University of Western Australia
Prof Julian D Richards	University of York Co-director
Mr Pete Rowsome	Freelance consultant
Dr Seamus R Ross	University of Toronto
Dr Claire Smith	Flinders University
Ms Sarah Thompson	Head of Content, Univ of York Library
Prof Dr Frank Vermeulen	University of Ghent
Dr Sarah Whitcher Kansa	Alexandria Archive Institute
Dr Stephanie Wynne-Jones	University of York

(D) List of Collections Released 1 August 2015 – 31 July 2016

August 2015

Sawmills, Ashcombe, Devon (OASIS ID: cotswold2-196397) An archaeological evaluation was undertaken by Cotswold Archaeology in August 2014 at Sawmills, Ashcombe, Devon. Five undated ditches, predominantly north-east/south-west and north-west/south-east aligned, were recorded within the site, their positions and alignments representing elements of former field boundaries predating the 1840 Ashcombe tithe map and later OS map editions.

Shepherd's Lane, Teignmouth, Devon (OASIS ID: cotswold2-211730) An archaeological evaluation was undertaken by Cotswold Archaeology in November 2012 at Shepherds Lane, Teignmouth, Devon. Evidence was found for prehistoric activity on the site in the form of a Neolithic or Bronze Age pit and a ditch dating to the Middle Bronze Age.

Cumberland and Westmorland Antiquarian and Archaeological Society Transactions The Cumberland and Westmorland Antiquarian and Archaeological Society was founded in 1866. The Society first published its Transactions (TCWAAS) in 1874. Fifteen volumes were published up to 1900 and from then it became an annual publication. Each volume of TCWAAS contains a collection of edited papers on various topics relating to both the history and the archaeology of the area.

Marble Hall, Nightingale Road, Derby, Derbyshire: Archaeological Building Record (OASIS ID: waterman2-173739) The site is located in Nightingale Road, Derby. The building is Grade II listed (List Entry Number: 1393116) and was formerly the street-fronting façade building of the Rolls-Royce main works at Nightingale Road. Marble Hall (also known as 'The Commercial Block') is the only remaining building of the factory complex after clearance of the site. Marble Hall will be refurbished as part of a wider regeneration.

Devon Historic Landscape Characterisation (HLC) Historic Landscape Characterisation was completed for Devon in order to record and understand the wider historic landscape of the county. The project was undertaken by Devon County Council and English Heritage, and supported by Tamar Valley Area of Outstanding Natural Beauty Service and Dartmoor National Park Authority. Carried out between July 2001 and December 2004, the project was undertaken to understand and map the landscape that we see today with reference to its historical development, and to be used for landscape management and research.

Shropshire Historic Landscape Characterisation (HLC) This archive provides technical details of the methodology and results of a three year study of the historic landscape character of Shropshire (including the Borough of Telford and Wrekin). This work formed part of English Heritage's national programme of Historic Landscape Characterisation (HLC) and was carried out in partnership between Shropshire County Council (now Shropshire Council) and English Heritage.

Rapid Coastal Zone Assessment: Dorset This project was the Phase 1 DBA component of the Dorset RCZAS carried out in 2014/15 by the Cornwall Archaeological Unit and Bournemouth University. The study area extended from the Dorset/Hampshire county border to the Dorset/Devon county border, and included an assessment of surviving remains along the open coast and its tidal estuaries, including the intertidal zone out to Lowest Astronomical Tide with a 1km 'hinterland' to the landward side of Mean High Water and extending up estuaries to 1km beyond the tidal extent. The current project has created more than 980 new sites for the HER and updated another 143 records for sites already recorded.

Birmingham Archaeology (BUFAU) fieldwork reports Just under 1,000 reports from BUFAU/Birmingham Archaeology have been added to the Library of Unpublished Fieldwork reports. The reports were accessioned as the first phase of an ongoing Historic England funded project to secure the key digital outputs of projects undertaken by that organisation.

Old Park Farm, Pinhoe, Devon (OASIS ID: cotswold2-169814) An archaeological evaluation was undertaken by Cotswold Archaeology in February and March 2013 at Old Park Farm, Pinhoe, Devon. Evidence was found for prehistoric activity or occupation, in the form of three intercutting ring ditches, within the westernmost part of the site.

September 2015

Land North of Worcester Road, Great Witley, Archaeological Excavation (OASIS ID: cotswold2-185533) An archaeological excavation was undertaken by Cotswold Archaeology in April 2014 on Land North of Worcester Road, Great Witley, Worcestershire. Two areas (targeting features identified in an archaeological evaluation) were excavated and comprised Phase 2 of a programme of archaeological works.

Rockbeare Court Farm, Rockbeare, Devon: Archaeological Evaluation An archaeological evaluation was undertaken by Cotswold Archaeology in December 2014 at Rockbeare Court Farm, Rockbeare, Devon. A total of eleven trenches were excavated. A re-cut ditch containing seven sherds of Early or Middle Bronze pottery was excavated.

Council for British Research in the Levant Archaeological Monographs The Levant Supplementary Series is deigned to present significant new contributions to the study of the humanities and social sciences, as relevant to the countries of the Levant.

Ipswich 1974-1990 Excavation Archive Between 1974 and 1990, 36 excavations on 34 sites were carried out by Suffolk Archaeological Unit (subsequently Suffolk County Council Archaeological Service) under the direction of Keith Wade. These sites are now archived as 34 separate collections with the ADS, linked by this over-arching collection:

> 15-17 Lower Brook Street, Ipswich - IAS5502
> 24 St Helen's Street, Ipswich - IAS3601
> 32-38 Buttermarket, Ipswich - IAS3201
> 8-10 Arcade Street, Ipswich - IAS1804
> 85-87 Fore Street, Ipswich - IAS6106
> Bridge Street, Ipswich - IAS6202
> Cecilia Street, Ipswich - IAS5001
> Colepike Hall Farm, Lanchester, HBR (OASIS ID: thearcha2-216920)
> Elm Street, Ipswich - IAS3902
> Fore Street, Ipswich - IAS5902
> Foundation Street (Cranfield's Car Park), Ipswich- IAS5801
> Franciscan Way, Ipswich - IAS5003
> Greyfriars Road (Island site), Ipswich - IAS5204
> Greyfriars Road, Ipswich - IAS5201
> Greyfriars Road-St Peter's Street, Ipswich - IAS5202
> Key Street, Ipswich - IAS5901
> Little Whip Street, Ipswich - IAS7404
> Lower Brook Street-Foundation Street, Ipswich - IAS5505
> Neptune Quay, Ipswich - IAS6601
> Old Foundry Road, Ipswich - IAS1501
> School Street-Foundation Street, Ipswich - IAS4801
> Shire Hall Yard, Ipswich - IAS6904
> Smart Street, Ipswich - IAS5701
> St George's Street, Ipswich - IAS9802
> St Helen's Street, Ipswich - IAS8804
> St Nicholas Street, Ipswich - IAS4201
> St Peter's Street, Ipswich - IAS5203
> St Stephen's Church, Ipswich - IAS3203
> St Stephen's Lane, Ipswich - IAS3104
> Tacket Street, Ipswich - IAS3410
> Tower Ramparts School, Ipswich - IAS0802
> Turret Lane, Ipswich - IAS4302
> Vernon Street, Ipswich - IAS7402
> Vernon Street-Great Whip Street, Ipswich - IAS7501
> Wingfield Street-Foundation Street, Ipswich - IAS4601

Little Loughton Manor, Buckinghamshire, Evaluation (OASIS ID: cotswold2-184902) An archaeological evaluation was undertaken by Cotswold Archaeology in May 2014 at Little Loughton Manor, Loughton, Milton Keynes, Buckinghamshire. Six trenches were excavated within the proposed development footprint.

Land North and South of Blundell's Road, Tiverton, Devon An archaeological evaluation was undertaken by Cotswold Archaeology in December 2014 on Land North and South of Blundell's Road, Tiverton, Devon. A total of seventeen trenches were excavated each targeting geophysical anomalies identified by an earlier geophysical survey.

Aggregate extraction related archaeology in England: a survey The archive from this ALSF funded project consists of a position paper that examines the relationship between aggregate-related archaeology and the environment both in terms of the effects of probable environmental change on the archaeological resource and the wider environmental context.

3678 Land at Tithebarn Green (Redhayes) Exeter Devon: Archaeological Evaluation An archaeological evaluation was undertaken by Cotswold Archaeology in January 2012 on Land at Tithebarn Green (Redhayes), near Exeter, Devon. Seventeen trenches were excavated. The evaluation identified a number of archaeological features throughout the proposed development area which generally correlated well with the results of a preceding geophysical survey.

Brainshaugh Farm Steading, Acklington, Northumberland: Historic Building Recording (OASIS ID: alanwill1-191013) Building recording was carried out at Brainshaugh Farm Steading, Acklington prior to the development of two holiday cottages from the redundant farm buildings.

Pershore Road, Evesham, Worcestershire An archaeological evaluation was undertaken by Cotswold Archaeology in July 2013 on land at Pershore Road, Evesham. Twenty-six trenches were excavated.

Gwillams Farm, Ombersley Road, Bevere An archaeological evaluation was undertaken by Cotswold Archaeology in October and November 2013 at Gwillams Farm, Ombersley Road, Bevere, Worcestershire. A total of forty three trenches were excavated.

Hanley Road, Malvern Wells, Worcestershire An archaeological evaluation was undertaken by Cotswold Archaeology in November 2013 at Hanley Road, Malvern Wells, Worcestershire. A total of thirteen trenches were excavated.

Land North of Worcester Road, Great Witley, Archaeological Evaluation In June 2013 Cotswold Archaeology undertook an archaeological evaluation, at the request of Bloor Homes Ltd, following an application made to Malvern Hills District Council for residential development of the site.

Land at Kidderminster Road, Hagley, Worcestershire An archaeological evaluation was undertaken by Cotswold Archaeology in October and November 2013 on land at Kidderminster Road, Hagley, Worcestershire. A total of fifty three trenches were excavated.

Land at Sparrowhall Lane, Powick, Worcestershire (OASIS ID: cotswold2-151711) An archaeological evaluation was undertaken by Cotswold Archaeology in May 2013 at land off Sparrowhall Lane, Powick, Worcestershire. Ten trenches were excavated.

Land near Jangada, Bretforton, Worcestershire An archaeological evaluation was undertaken by Cotswold Archaeology in January 2015 at land near Jangada, Bretforton, Worcestershire. Two trenches were excavated.

210 Bassett Green Road (SOU1647) (foundati1-177914) An archaeological evaluation of three trenches measuring 30m, 10m and 7m in length was required as a condition of planning permission for the redevelopment of the site. No archaeological finds or deposits were present within the evaluated areas.

4504 Tithe Barn Green (Monkerton) Devon: Archaeological Evaluation Report An archaeological evaluation was undertaken by Cotswold Archaeology during August and September 2013 at Tithe Barn Green (Monkerton), Devon. Forty-three trenches were excavated.

Land at Church Road, Crowle, Worcestershire (OASIS ID: cotswold2-218049) An archaeological excavation was undertaken by Cotswold Archaeology in February and March 2013 on land at Church Road, Crowle, Worcestershire. A single pit containing a small assemblage of Iron Age pottery was excavated. Medieval activity was represented by a single ditch and three shallow pits interpreted as possible clay extraction pits.

Colepike Hall Farm, Lanchester, HBR (OASIS ID: thearcha2-216920) A programme of building recording has been carried out in advance of the proposed redevelopment for residential use of redundant farm buildings at Colepike Hall farm, south-west of Lanchester in County Durham.

October 2015

Cambridge Antiquarian Proceedings The Cambridge Antiquarian Society was founded in 1840 'for the encouragement of the study of history and antiquities of the University, Town and County of Cambridge', and its Proceedings have been published on an annual basis since that time. Digitisation of the Proceedings of Cambridge Antiquarian Society and the Transactions of Cambridgeshire and Huntingdonshire Archaeological Society was generously supported by the Marc Fitch Fund.

Glastonbury Abbey: Archaeological Archive Project The archive project was a collaborative venture between the University of Reading and the Trustees of Glastonbury Abbey, funded principally by the Arts and Humanities Research Council. It spanned seven years from planning to completion and drew upon the records of archaeological excavations which took place at the abbey over seventy-five years (1904–79).

November 2015

Brixworth Church Survey: data digitisation and analysis From 1976 a fieldwork project had as its aim the stone-by-stone recording of all the exposed fabric of All Saints' Church, which continued sporadically into the early 1990s, as opportunities for surveying arose.

Land at Seckington Farm, Hartland, Results of Archaeological Monitoring and Recording (OASIS ID: southwes1-172108) This archive presents the results of a desk-based assessment and intermittent archaeological monitoring and recording carried out by South West Archaeology Ltd (SWARCH) on land at Seckington Farm, Hartland, Devon. The desk-based assessment emphasises the high potential for archaeological remains and deposits within the proposed development area.

Millbay Docks, Millbay Road, Plymouth, Devon. Archaeological Watching Brief An archaeological watching brief was undertaken by Cotswold Archaeology during dredging of the approach channel and lock barrel of Millbay Inner Basin, Millbay Docks, Millbay Road, Plymouth. Two large timbers, probably associated with dock or lock gate structures, were dredged from the northern end of the lock barrel.

Land at Newnham Farm, Plympton, Devon An archaeological trial trench evaluation was undertaken by Cotswold Archaeology from 6 to 22 October 2014 on Land at Newnham Farm, Plympton, Devon. A pit/post hole was revealed produced a large quantity of Middle Bronze Age pottery along with fired clay, burnt stone and animal bone indicative of domestic/settlement activity.

Land at Knightacott Cross, Bratton Fleming, Devon An archaeological evaluation was undertaken by Cotswold Archaeology in April 2015 on land at Knightacott Cross, Bratton Fleming, Devon. Undated gullies were identified in four trenches and a quarry pit was identified in a fifth. A possible, undated hearth was also identified.

Axe View, Wadbrook, Devon (OASIS ID: cotswold2-212112) An archaeological evaluation was undertaken by Cotswold Archaeology in July 2015 on land at Axe View, Wadbrook, Devon. A Middle to Late Bronze Age sub oval enclosure and contemporary features were identified in the eastern part of the site. A probable Roman ditch was identified to the south.

Gas main replacement, Plymouth Road, Tavistock The remains of the western wall foundation of the western claustral range were identified together with one possible grave and two probable pits in close proximity, while a series of possible demolition layers were uncovered in the area of the eastern range. The partly robbed remains of the southern wall foundation of the eastern end of the Abbey Church were also identified.

Plymstock Lime Kiln, Pomphlett, Plymouth, Devon: Historic Building Recording Historic building recording was undertaken by Cotswold Archaeology for CgMs Consulting on behalf of Persimmon Homes plc, at Plymstock Lime Kiln, Pomphlett, Plymouth, Devon. An English Heritage Level 3 record was carried out on the building prior to its demolition.

Land off Station Road, Tamerton Foliot, Devon. Archaeological Evaluation The evaluation identified a number of archaeological features throughout the proposed development area. Archaeological features encountered comprised ditches, pits and a posthole, a number of which were undated, while others generally dated to one of two broad periods; prehistoric and post-medieval/modern.

Land off Station Road, Tamerton Foliot, Devon (OASIS ID: cotswold2-152781) An archaeological watching brief was undertaken by Cotswold Archaeology (CA) during groundworks associated with the development of a solar farm on land off Station Road, Tamerton Foliat, Devon. A total of eight undated ditches and an undated pit was identified during the watching brief.

Land off Main Street, Tingewick, Buckinghamshire (OASIS ID: cotswold2-215377) In November 2014, Cotswold Archaeology carried out an archaeological evaluation on land off Main Street Tingewick, Buckinghamshire. Cropmarks of possible prehistoric date are known to the north of the site, and a possible Roman villa has been recorded c.200m to the north-west.

Land off Bransford Road, Rushwick, Worcestershire. A detailed magnetometer survey was carried out by Archaeological Surveys Ltd on land off Bransford Road, Rushwick near Worcester at the request of Cotswold Archaeology.

December 2015

Eckington and Killamarsh Bungalows (Demolition), Derbyshire In March 2013 Cotswold Archaeology was commissioned by CgMs Consulting to carry out a historic building appraisal and assessment of significance of a late 1940s prefabricated 'prefab' bungalow estate in Eckington, Derbyshire. The report has been prepared to allow the determination of a planning application for the redevelopment of the site.

Building the evidence base for Historic Farmsteads in Greater Lincolnshire Building the Evidence base for Historic Farmsteads in Greater Lincolnshire Project provides a county-wide study of the character and survival of the historic farmsteads of the historic county of Lincolnshire (including the administrative areas of Lincolnshire County Council, North Lincolnshire Council and North-East

Exeter Archaeology Archive Project The Exeter Archaeology Archive Project was created with the aim of securing, consolidating and enhancing the archives derived from excavations in Exeter undertaken between 1970 and 1990:

Archaeological recording at Acorn Roundabout, Exeter 1988-89 (Exeter archive site 94)
Archaeological recording at the Quay House, Exeter 1985-86 (Exeter archive site 84)
Cathedral Close St Mary Major, Exeter 1971-1976 (Exeter archive site 40)
Excavation and Building Recording at Cricklepit Mill, Exeter 1989 (Exeter archive site 98)
Excavation at ABC Cinema, Exeter 1987 (Exeter archive site 90)
Excavation at Bowhill House Dunsford Hill, Exeter 1987-88 (Exeter archive site 91)
Excavation at Bradninch Place, Exeter 1985 (Exeter archive site 82)
Excavation at Cricklepit Street, Exeter 1974 (Exeter archive site 48)
Excavation at Friars' Walk, Exeter 1973 (Exeter archive site 46)
Excavation at Goldsmith Street, Exeter 1971 (Exeter archive site 37)
Excavation at Guys Allotments, Exeter 1988 and 1996 (Exeter archive site 92)
Excavation at Haven Banks, Exeter 1988 (Exeter archive site 93)
Excavation at North Street, Exeter 1971 (Exeter archive site 38)
Excavation at Shilhay, Exeter 1975 (Exeter archive site 53)
Excavation at Southernhay Gardens, Exeter 1974 (Exeter archive site 49)
Excavation at St Catherine's Almshouses, Exeter 1987 (Exeter archive site 89)
Excavation at St Loyes Chapel, Exeter 1988-90 (Exeter archive site 95)
Excavations and Building recording at Polsloe Priory (St Katherine's Priory), Exeter, 1976-79 and 1991 (Exeter archive site 59)
Excavations at 196-197 High Street, Exeter 1972-73 (Exeter archive site 43)
Excavations at 198 High Street, Exeter (Exeter archive site 55)
Excavations at 41-42 High Street, Exeter 1980 (Exeter archive site 72)
Excavations at 45-46 North Street, Exeter 1974 (Exeter archive site 51)
Excavations at Albany Road, Exeter 1978 (Exeter archive site 66)
Excavations at Albany Road, Exeter 1984 (Exeter archive site 79)

Excavations at Alphington Street Shooting Marsh Stile, Exeter 1984 (Exeter archive site 80)

Excavations at Bartholomew Street East, Exeter 1980-81 (Exeter site archive 73)

Excavations at Bartholomew Street West, Exeter 1974 (Exeter archive site 47)

Excavations at Beedles Terrace, Exeter 1976 (Exeter archive site 57)

Excavations at Castle Gardens, Exeter 1990 (Exeter archive site 99)

Excavations at Cricklepit Street, Exeter 1987-89 (Exeter archive site 81)

Excavations at Exe Bridge, Exeter 1975-79 (Exeter archive site 56)

Excavations at Exe Street, Exeter 1985-86 (Exeter archive site 83)

Excavations at Flowerpot Lane, Exeter 1978 (Exeter archive site 67)

Excavations at Flowerpot Lane, Exeter 1986 (Exeter archive site 85)

Excavations at Friars' Gate, Exeter, 1973-74 (Exeter archive site 45)

Excavations at Friernhay Street, Exeter 1981 (Exeter archive site 75)

Excavations at Goldsmith Street, Exeter 1971-72 (Exeter archive site 39)

Excavations at Good Shepherd Hospital, Exeter 1979 (Exeter archive site 70)

Excavations at High Street Nat West Bank, Exeter 1977 (Exeter archive site 62)

Excavations at Holloway Street, Exeter 1974 (Exeter archive site 50)

Excavations at Holloway Street, Exeter 1978 (Exeter archive site 65)

Excavations at King William Street, Exeter 1983 (Exeter archive site 77)

Excavations at Lower Combe Street, Exeter 1989 (Exeter archive site 97)

Excavations at Lucky Lane/Colleton Crescent, Exeter 1980 (Exeter archive site 74)

Excavations at Magdalen Street, Exeter 1976 (Exeter archive site 58)

Excavations at Magdalen Street, Exeter 1986-87 (Exeter archive site 88)

Excavations at Mary Arches Street, Exeter 1975 (Exeter archive site 54)

Excavations at Mermaid Yard, Exeter 1977-78 (Exeter archive site 63)

Excavations at Paul Street, Exeter 1981-85 (Exeter archive site 76)

Excavations at Preston Street, Exeter 1976-77 (Exeter archive site 60)

Excavations at Queen Street, Exeter 1978 (Exeter archive site 68)

Excavations at Rack Street, Exeter 1974-75 (Exeter archive site 52)

Excavations at Rack Street, Exeter 1977-78 (Exeter archive site 64)

Excavations at South Gate, Exeter 1988 (Exeter archive site 96)

Excavations at St Nicholas Priory, Exeter 1983-84 (Exeter archive site 78)

Excavations at the Valiant Soldier, Exeter, 1973-74 (Exeter archive site 44)

Excavations at Trichay Street, Exeter 1972-74 (Exeter archive site 42)

Excavations at Upper Paul Street, Exeter 1986 (Exeter archive site 86)

Lower Combe Street, Exeter 1979 (Exeter archive site 71)

Observations and Excavations at North Gate, Exeter, 1978 (Exeter archive site 69)

Observations at 228 High Street, Exeter, 1975 (Exeter archive site 61)

Observations at Castle Ditch and Bradninch Place, Exeter, 1986 (Exeter archive site 87)

St Nicholas Priory, Exeter, 1971 (Exeter archive site 41)

The Rural Settlement of Roman Britain: updated The project database has been updated with records from Wales.

Chamberlain Hall, University of Southampton On the 6 and 7 of June 2012, Oxford Archaeology (OA) carried out a field evaluation at Chamberlain Hall and adjacent land within the grounds of Bassett House, part of the Glen Eyre complex of the University of Southampton.

Analysis of Roman Silver coins, Augustus to the reform of Trajan (27 BC – AD 100) An update to the online archive previously known as 'Analysis of Roman Silver Coins, Augustus to Nero (27 BC - AD 69)'. This project used the same suite of analytical techniques to investigate a much larger number of coins, including an expanded programme of lead isotope analyses (by thermal ionisation mass spectrometry).

An Archaeological Watching Brief at land to the rear of Bishop's Garage, the Orchard, Corbridge, Northumberland An archaeological watching brief on the excavation works for foundation trenches associated with the construction of 4 new semi-detached dwellings.

February 2016

Surrey Archaeological Society Research Volumes Surrey Archaeological Society has deposited its Research Volumes with the ADS.

Peterseat, Torry Battery and St Fittick's Church, Aberdeen Excavations at Peterseat Anti-Aircraft (Ack-Ack) Battery later converted as a Prisoner of War Camp (Nigg Hostel), Torry Battery, a mid 19th-century battery used during the First and Second World Wars and St Fittick's Church, dating back to the 12th century.

Council for British Research in the Levant Archaeological Monographs: updated The collection has been updated with the volume "Early Village Life at Beidha, Jordan : Neolithic Spatial Organization and Vernacular Architecture: The Excavations of Mrs Diana Kirkbride-Helbæk".

Land at Mosshayne Farm, Pinhoe, Devon. Archaeological Evaluation An archaeological evaluation was undertaken by Cotswold Archaeology in January 2015 for CgMs Consulting Limited at the 45.12 hectare site of Mosshayne Farm, Tithebarn Lane, Pinhoe, Devon. A total of 12 trial trenches were excavated on the location of known geophysical anomalies and aerial photographic evidence as a first phase of archaeological evaluation of the site.

Surrey Archaeological Collections: updated The collection has been updated with volumes 67 to 90.

March 2016

The Gas Works, Powick, Worcestershire. Historic Building Recording (OASIS ID: headland3-241886) An historic building recording project was undertaken of the remains of the former gas works for Powick Lunatic Asylum. Most of the buildings had been partly demolished for safety reasons before the work was undertaken.

Archaeological Evaluation of land at Erskine Court, Sutherland Road, Southampton (SOU1657) The Archaeology Unit of Southampton City Council carried out an evaluation excavation at Erskine Court in May 2014. The work was commissioned by Drew Smith Ltd.

Reconstructing a Medieval Welsh Landscape: Exploring the Evidence of Nineteenth Century Field-Names and Land-Use Data in Landscape Archaeology This project set out to provide two complimentary datasets through which the early and later medieval landscapes of the eastern Vale of Glamorgan can be explored. Firstly, the results of a computer-based 'predictive model' of early medieval settlement location, and secondly a comprehensive geodatabase of nineteenth century field-names and land-use information.

Aspects of Suburban Landscapes: Inherited Landscapes & Suburban Greens 1850-2015 To provide the context and understanding needed for better appreciation, protection and management of suburbs, Historic England has initiated the 'National Suburbs Project', a research project on suburbs and suburban development from c.1850 to the present day.

Land off Longlands, Repton, Derbyshire (OASIS ID: wessexar1-203538) The evaluation comprised the excavation of seven, thirty metre long, trenches targeting anomalies identified by a geophysical survey and 'blank' areas. The only significant archaeological remains identified relate to a demolished Pillbox within Trench 3. The concrete base of Pillbox 3005 was identified and recorded.

Bedlington Old School, Northumberland (OASIS ID: vindomor1-197083) Bedlington Old School was built in 1874 as a Council Infants School, the building replacing Church Row, and continued in use as such into the 20th century. In 1932, the building was renovated and extended west. The school discontinued its intended use in 1974, when it became St. Cuthbert's Church Hall.

Severn Street, Worcester, Worcestershire (OASIS IDs: wessexar1-181106 and wessexar1-220878) Wessex Archaeology was commissioned by CgMs to undertake a programme of work as part of an ongoing scheme based at Severn Street. The work comprised an initial evaluation of two trenches, followed by a watching brief on trenches associated with piling and the excavation of service trenches for the development. Finally there was an excavation on the site of the former Royal Porcelain Works.

An Archaeological Watching Brief at West Fenwick Farm, Northumberland (OASIS ID: archaeol5-218208) An archaeological watching brief took place on a development re-purposing existing agricultural buildings into a residential unit. The watching brief identified a 14th-16th century wall which likely related to a domestic structure within the medieval village of Fenwick.

An Archaeological Building Recording of the former Railway Servants Orphanage, Stepping Lane, Derby (OASIS ID: archaeol5-226576) In October 2015 Archaeological Research Services Ltd (ARS Ltd.) was commissioned by Simon Foote Architects on behalf of Kieran Mullin to undertake an archaeological building recording of the former Sanatorium building of the Railway Servants Orphanage at Stepping Lane, Derby. The building recording aimed to mitigate the impact of the conversion of the building into a number of residential apartments.

Historic Building Record: Outbuilding at No.46 High Street, North Crawley, Newport Pagnell, Buckinghamshire (OASIS ID: souterra1-237559) Between the 18th and 22nd of December 2015, an 'as found' record was made of a derelict 19th century timber-framed outbuilding at No. 46 High Street, North Crawley, Buckinghamshire. The archive provides a descriptive and illustrative account of observations, including photographs and scale elevations and plans.

Sussex Archaeological Collections: volume 151 The articles for volume 151 (2013) are now available to download. Abstracts and supplementary material for volume 153 (2015) have also been added into the interface.

MoD Bicester A scheme of archaeological building recording was undertaken by Waterman Infrastructure & Environment Ltd (Waterman) for Graven Hill Village Development Company at Graven Hill, MoD Bicester, Oxfordshire. The site is located 1.5 km to the south of the centre of Bicester.

Land adjacent to Glebe Farm, Lutterworth: Archaeological Evaluation (OASIS ID: headland3-229714) An archaeological evaluation was undertaken by Headland Archaeology (UK) Ltd during September and October 2015, at 'Land adjacent to Glebe Farm', Coventry Road, Lutterworth, where a total of 68 trenches were excavated.

April 2016

Bibliography of the Vernacular Architecture Group Another 800 references have been added to this valuable resource which now holds over 11,400 entries.

London Archaeologist Journal Volumes 13:07 to 13:12 have been added to the existing interface.

A380 South Devon Link Road, Kingskerswell, Devon Archaeological investigations along the route of the A380 South Devon Link Road, Kingskerswell, Devon, were undertaken by AC archaeology between October 2012 and June 2013. All works were carried out in advance of construction of the bypass.

Medieval Britain and Ireland: 2010 and 2011 Reports for the fieldwork seasons of 2010 and 2011 have been added to the online database.

Archaeological watching brief on soil investigations at The Gas Holder site, Britannia Road, Southampton (SOU1677) Archaeological watching brief on soil investigations at The Gas Holder site exposed London Clay, Wittering Formation, River Terrace gravels and natural brickearth. In the higher southwest part of the site a number of the soil investigations found burnt flint suggesting possible prehistoric occupation.

Wiseburrow Farm, Wellington, Devon (OASIS ID - abherita1-208033) An Archaeological Desk-Based Assessment and Geophysical Survey were undertaken at Wiseburrow Farm, Wellington, Devon. The Archaeological Desk Based Assessment concluded that there was not likely to be significant impacts on below ground archaeology and that limited inter-visibility resulted in at most a negligible overall significance of effect with those designated buildings. The geophysical survey identified several possible anomalies which were interpreted as modern services, modern disturbance or metallic debris.

Archaeological Excavations at Southampton New Arts Centre, Above Bar Street, Southampton (SOU1634) Archaeology South East undertook a small excavation, which revealed evidence for multi-period (Early Medieval - Post Medieval) activity on site.

Scawby Methodist Chapel, Scawby, Lincolnshire This historic building record and photographic survey for the former Methodist Chapel at Scawby was carried out on 20 September 2015. Scawby Methodist Chapel is situated in the North Lincolnshire village of Scawby. The chapel is located adjacent to the south side of Chapel Lane, a minor road running through the village at NGR SE 968 054.

Archaeological Investigations at 5 Bellevue Road, Southampton (SOU1615) The Archaeology Unit of Southampton City Council carried out an archaeological watching brief on groundworks for a development by First Wessex Homes. The site was to the north of the medieval town of Southampton in an area where scattered finds from the prehistoric to the medieval period have been made.

Archaeological Investigations at 84-88 Millbrook Road East, Southampton (SOU1629) The aim of the investigations was to make a record of the building before demolition and then rescue any archaeology before construction work. The building consisted of five phases. The earliest, in the south-east of the site, was built some time between 1840 and 1883.

May 2016

Birmingham University Field Archaeology Unit (BUFAU) In May 2016 ADS released 23 archives of fieldwork undertaken by Birmingham Archaeology:

High Farm, Halton Holegate, Lincolnshire.
River Sow Improvement Scheme, The Mill, Mill Bank, Stafford.
Hawkesley Farm Moat, Longbridge, Birmingham: Archaeological Watching Brief.
Archaeological Assessment of Wood End Farm, Sutton Road, Walsall.
Shrewsbury Abbey, Abbey Foregate, Shrewsbury, Shropshire: An Archaeological Investigation 2004.
Old Police House, Rocester, Staffordshire: Archaeological Evaluation 2006.
Granary Wharf, Leeds: A Programme of Archaeological Investigations 2007.
Longdales Road, Kings Norton, Birmingham: An Archaeological Evaluation 2007.
Land at 22 Coten End, Warwick.
Land off Pershore Road, Eckington, Worcestershire: Archaeological Excavation 2007.
86 The Green, Kings Norton: Archaeological Excavation.
Land off Queen Street and Meeting Street, Wednesbury, Sandwell; An Archaeological Evaluation 2007.
Land to the Rear of the Three Tuns Public House, Long Street, Atherstone, Warwickshire: an archaeological evaluation and watching brief 2008.
Character Appraisal Study and Boundary Review of Factory Locks Conservation Area, Tipton.
High Bullen Service Station, Wednesbury: Archaeological Investigations, 2008.
Cobbs Lane, Guilden Morden, Cambridgeshire: Archaeological Evaluation.
St. Mary's Church, Ross-on-Wye, Herefordshire: Archaeological Evaluation 2009.
Lea Quarries, Much Wenlock, Shropshire: Archaeological Record and Heritage Assessment.
Ward Block 10, Heartlands Hospital, Bordesley Green East, Birmingham, West Midlands: Historic Building Record.
Wroxeter Roman Vineyard, Wroxeter, Shropshire: Archaeological Evaluation 2010.
Netherwood Lodge Farm, Arbour Tree Lane, Chadwick End, Solihull: Archaeological Watching Brief 2010.
West Bromwich Town Centre, Sandwell: Archaeological Evaluation, 2010.
Much Park Street, Coventry: Phase 2 Archaeological Evaluation.

West Midlands Regional Research Framework The aims of the West Midlands Regional Research Framework are to provide a viable, realistic and effective academic basis for undertaking archaeological intervention, either as a result of developer-funded operations

or to underpin future research designs. The Resource Audit identifies the nature and extent of the known database and the Research Assessment evaluates strengths, weaknesses and biases in the record. The outcome will enable curators to integrate appropriate research strategies within their specifications and ensure that contractors tender and operate in full awareness of local designs. Equally, it will inform museum curators, education officers and university staff and students with regard to the research.

Netherwood Lodge Farm, Arbour Tree Lane, Chadwick End, Solihull: Archaeological Salston Barton Farm, Ottery St Mary, Devon, Magnetometer Survey Report (OASIS ID - archaeol20-192946) A detailed magnetometer survey was carried out by Archaeological Surveys Ltd on land at Salston Barton Farm, near Ottery St Mary in Devon. The results show a number of positive linear and rectilinear anomalies within the southern part of the site that may relate to cut, ditch-like features.

Twentieth Century Naval Dockyards Devonport and Portsmouth: Characterisation Project The project was designed to increase our overall understanding of the dockyard built environment by telling the national story of twentieth century dockyards and the particular narratives of Devonport and Portsmouth Dockyards.

Wormslade Farm, Clipston Road, Kelmarsh, Northamptonshire: Magnetometer Survey (OASIS ID: archaeol20-240941) A detailed magnetometer survey was undertaken by Archaeological Surveys Ltd at the request of Border Archaeology on the site of a proposed anaerobic digestion biogas plant at Wormslade Farm near Clipston in Northamptonshire.

Turks Head Junction, Honiton, Devon: Archaeological Watching Brief (OASIS ID: cotswold2-246395) An archaeological watching brief was undertaken, as per an agreed WSI, by Cotswold Archaeology during groundworks associated with the development of the Turks Head Road Junction and the paths and verges surrounding it on behalf of Jacobs UK Ltd at the request of Stephen Reed, Senior Historic Environment Office, Devon County Council Historic Environment Team (DCCHET).

June 2016

Land at Dunkeswell Airfield, Dunkeswell, Devon: Archaeological Strip, Map and Sample Excavation: updated An archaeological strip, map and sample excavation was undertaken by Cotswold Archaeology in July 2014 at Land at Dunkeswell Airfield, Devon, whereby Areas 1, 2, 3 and 4 were machine excavated. The strip, map and sample excavation identified an extensive series of sixteen pits and a ditch.

Land at Elm Grove Road, Dawlish, Devon (OASIS ID: cotswold2-133318): updated A programme of archaeological works was undertaken by Cotswold Archaeology in March and July 2012 at land at Elm Grove Road, Dawlish, Devon. Four undated ditches corresponding with linear geophysical anomalies were also identified.

Land at Knightacott Cross, Bratton Fleming, Devon: updated An archaeological evaluation was undertaken by Cotswold Archaeology in April 2015 on land at Knightacott Cross, Bratton Fleming, Devon. Undated gullies were identified in four trenches and a quarry pit was identified in a fifth. A possible, undated hearth was also identified.

Old Park Farm, Pinhoe, Devon (OASIS ID: cotswold2-169814): updated An archaeological evaluation was undertaken by Cotswold Archaeology in December 2013 at Rydon Farm,

Ogwell, Devon. Archaeologically significant features encountered comprised ditches and pits dated to the prehistoric and post-medieval periods.

Shepherd's Lane, Teignmouth, Devon (OASIS ID: cotswold2-211730): updated An archaeological evaluation was undertaken by Cotswold Archaeology in November 2012 at Shepherds Lane, Teignmouth, Devon. Evidence was found for prehistoric activity on the site in the form of a Neolithic or Bronze Age pit and a ditch dating to the Middle Bronze Age.

Land West of Combe Hayes, Sidmouth: updated An archaeological evaluation was undertaken by Cotswold Archaeology in July 2013 at land west of Combe Hayes, Sidmouth, Devon. Eight trenches were excavated. A large shallow feature, probably representing a naturally infilled combe or hollow, was identified in the south-western corner of the site.

Winham Farm, Cullumpton: updated An archaeological evaluation was undertaken by Cotswold Archaeology in May 2014 at Winham Farm, Cullompton, Devon. Evidence was found for early prehistoric activity in the form of two ring ditches and a ditch in the central part of the area of archaeological sensitivity.

Land at Sentry's Farm, Exminster, Devon: Archaeological Evaluation: updated An archaeological evaluation was undertaken by Cotswold Archaeology in November 2013 on Land at Sentry's Farm, Exminster, Devon. The evaluation has identified a small number of archaeological features within the proposed development area. These features were confined to the three westernmost trenches.

Shepherd's Farm, Clyst St. Mary, Devon, Evaluation: updated An archaeological evaluation was undertaken by Cotswold Archaeology in April 2014 at Shepherd's Farm, Clyst St Mary, Devon. A north/south aligned ditch, containing pottery of 3rd to 4th century AD date and possibly representing a former field boundary, was encountered within the northern part of the site.

Barns at Hareston Farm, Brixton, Devon (OASIS ID - acarchae2-250519) A heritage statement was prepared by AC archaeology for a group of agricultural buildings at Hareston Farm, Brixton, Devon. The farm is situated roughly equidistant between Ivybridge and Yealmpton and Brixton. The main architectural interest is in the early 20th-century new build of a model farm. This is a late example of purpose-built dairy farms of this type.

Land North and South of Blundell's Road, Tiverton: updated An archaeological evaluation was undertaken by Cotswold Archaeology in December 2014 on Land North and South of Blundell's Road, Tiverton, Devon. A total of seventeen trenches were excavated each targeting geophysical anomalies identified by an earlier geophysical survey.

Rydon Farm, Ogwell, Devon, Evaluation: updated An archaeological evaluation was undertaken by Cotswold Archaeology in February and March 2013 at Old Park Farm, Pinhoe, Devon. Evidence was found for prehistoric activity or occupation, in the form of three intercutting ring ditches, within the westernmost part of the site.

Former Newton Abbot Isolation Hospital, Devon (OASIS ID: acarchae2-247718) An historic building record of the former Newton Abbot Isolation Hospital was prepared by AC archaeology in March 2016 prior to the demolition of the buildings. The hospital opened in 1902 with the majority of the buildings dating from this time. It provided wards for Scarlet Fever and Typhoid.

Historic Building Record: Timber-framed outbuilding at No 36 High Street, North Crawley, Buckinghamshire (OASIS ID: souterra1-250253) Between the 18 and 29 of February 2016, a predetermination 'as found' record was made of a derelict 19th century timber-framed outbuilding at No. 36 High Street, North Crawley, Buckinghamshire. The building was erected by a professional carpenter/builder and was in existence by 1881. Part of the building was extensively restored and repaired in the 20th century.

21 Waterloo Crescent, Bidford on Avon, Warwickshire. Archaeological Evaluation An archaeological evaluation was undertaken by Cotswold Archaeology in February 2016 at 21 Waterloo Crescent, Bidford-on-Avon, Warwickshire.

3678 Land at Tithebarn Green (Redhayes) Exeter Devon: Archaeological Evaluation: updated An archaeological evaluation was undertaken by Cotswold Archaeology in January 2012 on Land at Tithebarn Green (Redhayes), near Exeter, Devon. Seventeen trenches were excavated. The evaluation identified a number of archaeological features throughout the proposed development area which generally correlated well with the results of a preceding geophysical survey.

Axe View, Wadbrook, Devon (OASIS ID: cotswold2-212112): updated An archaeological evaluation was undertaken by Cotswold Archaeology in July 2015 on land at Axe View, Wadbrook, Devon. A Middle to Late Bronze Age sub oval enclosure and contemporary features were identified in the eastern part of the site. A probable Roman ditch was identified to the south.

Former Milber Down Abattoir, Newton Abbot (OASIS ID: cotswold2-228612) An archaeological evaluation and a watching brief of associated geotechnical investigations was undertaken by Cotswold Archaeology in October and November 2014, at the Milber Down Abattoir site, Newton Abbot, Devon for Savills (UK) Ltd on behalf of Milber Developments Limited.

Land East of Tiverton, Devon (OASIS ID: cotswold2-154888): updated An archaeological evaluation was undertaken by Cotswold Archaeology in October and November 2012 at land east of Tiverton, Devon. Thirty trenches were excavated. A pit cluster was identified. Radiocarbon analysis of charcoal fragments recovered from one of the pits indicates an Early Bronze Age date.

Terrestrial Mineral Resource, Cumbria An assessment of the terrestrial mineral resources in Cumbria (excluding the two National Parks and Areas of Outstanding National Beauty) has been undertaken on behalf of Historic England (Project 6490), in partnership with Cumbria County Council. This was designed to assess the character, significance and range of sites of archaeological significance within areas that may potentially be affected by future aggregate extraction.

July 2016

Chaplains Lodge, St Marys Church Close, Southampton (SOU1559) Wessex Archaeology was commissioned by Hall and Ensom Chartered Surveyors acting on behalf of the Diocese of Winchester, to undertake an archaeological watching brief during groundworks for an extension at Chaplains Lodge, St Mary's Close, Swaythling, Southampton.

Land adjacent to Southampton Solent University (SOU1604) Wessex Archaeology was commissioned by WSP Environmental to undertake an archaeological watching brief during geotechnic investigations associated with the proposed redevelopment of land adjacent to Southampton Solent University, Southampton, Hampshire.

Archaeological watching brief on soil investigations at Chapel Riverside, Southampton (SOU1672) Southampton City Council Archaeology Unit carried out a watching brief on soil investigations at Chapel Riverside, in advance of development. The site had previously been the Town Depot and former Corporation Yard of Southampton City Council.

City Gateway, Swaythling, Southampton (SOU1499) Wessex Archaeology was commissioned by Patient First (Southampton) Ltd to undertake an archaeological evaluation on land proposed for development at the junction of Stoneham Way and Thomas Lewis Way, Swaythling, Southampton, Hampshire.

George Williams House, Cranbury Place, Southampton (SOU1655) Parts of George Williams House, the YMCA building at the west end of Cranbury Place, were refurbished in 2014-15. The refurbishment involved removal of small areas of historic fabric and an archaeological building record was made of the affected areas prior to and during the works.

South Stoneham House, Swaythling, Southampton (SOU1576) Wessex Archaeology was commissioned by Stephens Cox Associates Ltd on behalf of the University of Southampton to carry out a programme of Historic Building Recording and an Archaeological Watching Brief at South Stoneham House, Wessex Lane, Southampton.

Springhill Catholic Primary School, Southampton (SOU1569) Wessex Archaeology was commissioned by Springhill Catholic Primary School to undertake an archaeological evaluation on a playing field prior to it being surfaced for use as a Multi-Use Games Area.

Thorner's Homes, Oakley Road, Shirley, Southampton (SOU1549) Southampton City Council Archaeology Unit carried out an archaeological building record at the Thorner's Homes, Oakley Road, Shirley, Southampton on behalf of Mansell Partnership Housing.

Archaeological evaluation at the Crown Inn, 73-75 Shirley High Street, Southampton. (SOU1676) Southampton City Council Archaeology Unit carried out an archaeological evaluation on land to the rear of the Crown Inn at 73-75 Shirley High Street, Southampton in advance of development, in order to ascertain if archaeological deposits survived on the site.

Compass Point, former OS premises, Romsey Road, Southampton (SOU1622) Wessex Archaeology were commissioned by CgMs Consulting Limited to open up a single trench at Compass Point, Former Ordnance Survey Premises, Romsey Road, Southampton in lieu of a previously agreed watching brief. Due to constraints on site, only a 4m x 1.9m trench was possible. The work was carried out in April 2013.

Five sites in the environs of the medieval burgh of Aberdeen The medieval burgh of Aberdeen has produced well-preserved deeply stratified archaeological remains and five further excavations are discussed in the following paper. These include a medieval undercroft at the Aberdeen Academy site, a medieval pit at the rear of 2 Harriet Street/46-52 Schoolhill found during the building of a lift for The Robert Gordon University in their loading bay, the medieval Blackfriars during car park resurfacing at Robert Gordon's College and the ditch of the 'Cumberland Fort' uncovered during an extension to the library also of Robert Gordon's College, and trenches at Mealmarket Street.

Willows, 20-22 Oxford Street, Southampton (SOU1548) Wessex Archaeology was commissioned by Faucet Inn Pub Co PLC to carry out historic building recording of 20-22 Oxford Street, Southampton, Hampshire in advance of its proposed redevelopment.

Archaeological Evaluation at 7 Archers Road, Southampton (SOU1659) The Archaeology Unit of Southampton City Council carried out an archaeological evaluation at 7 Archers Road, following a proposal to demolish the existing building and construct another.

76 St Mary Street, St Mary's, Southampton (SOU1542) Wessex Archaeology was appointed to carry out a programme of historic building recording at 76, St Mary Street, Southampton. The building comprises a well preserved Victorian hall (St Mary's Hall) with second floor gallery within the St Mary's area of Southampton to the north-east of the city centre.

58 West End Road, Southampton (SOU1614) Southampton City Council Archaeology Unit carried out an archaeological building record at 58 West End Road, Bitterne.

22 Midanbury Lane, Southampton (SOU1683) The Archaeology Unit of Southampton City Council carried out an evaluation excavation of 22 Midanbury Lane, Southampton, in March 2015. The aims of the evaluation were to determine the extent, condition, nature, character, quality, and date of any archaeological remains encountered.

Peak District National Park Historic Landscape Characterisation (HLC) The Historic Landscape Characterisation of the Peak District National Park was commissioned by English Heritage and carried out in the late 1990s, with mapping by Gill Stroud under the direction of John Barnatt for the Peak District National Park Authority. The aim was to map the whole of the National Park, distinguishing different types of landscape character and their time depth, in order to facilitate the understanding and management of the cultural heritage of the Park.

Old Pike House, Eckington, Worcestershire (OASIS ID: headland3-212378) Headland Archaeology (UK) Ltd conducted an archaeological evaluation at the Old Pike House, Eckington as part of a programme of work carried out as part of a condition placed on outline planning consent for the development of the site for a detached three bedroom residential property. Trial trenching revealed clear archaeological evidence for settlement activity dating to the Roman period, comprising four linear features including a large ditch that contained significant amounts of pottery dated to the mid- 1st to 4th centuries AD.

Copcut Lane, Droitwich, Worcestershire: Archaeological Evaluation (OASIS ID: headland3-166474) An archaeological evaluation was undertaken by Headland Archaeology in October 2013 on land adjacent to Copcut Lane, Droitwich, Worcestershire. A total of 92 trenches were excavated in four areas (E-H). Evidence for Romano-British and medieval activity was identified within the central part of the site (Area G). Undated features were identified in the west of the site (Area H). The evaluation identified that large parts of the site had been quarried (Area F) and the potential for survival of archaeological remains was therefore low. No archaeologically significant finds or features were identified within the eastern part of the site (Area E).

British Institute in Eastern Africa Image Archive The British Institute in Eastern Africa promotes research into the archaeology, history, linguistics, and anthropology of eastern Africa, broadly defined. It is based in Nairobi where it maintains a library and research

facilities. The Institute undertakes and supports research in countries throughout the region, from Zimbabwe to the Sudan. It is supported by the British Academy, and is governed by a Council, elected by its members, which is based in London.

Old Stone Farm Solar Park, Blackawton, South Hams, Devon (OASIS ID: archaeol11-213410) A geophysical (magnetometer) survey covering 11.9 hectares was carried out to the east of Blackawton to inform planning proposals for a solar park development at Old Stone Farm, Devon. The majority of the anomalies are indicative of recent agricultural practice, although two anomalies are consistent with landscaping features from the 18th-century Old Stone Park.

Bommerton Farm, Molland, Devon: Watching brief (OASIS ID: cotswold2-254153) An archaeological watching brief was undertaken by Cotswold Archaeology during groundworks associated with the development of a solar farm at Bommerton Farm, Molland, Devon. Features were identified in the central part of the site, and comprised four ditches and two postholes.

Society of Antiquaries Scotland books and monographs The Society of Antiquaries of Scotland have scanned the Society's out-of-print monographs and books and made them available via the ADS.

Cedar School, Redbridge Lane, Nursling, Southampton (SOU1638) Wessex Archaeology was commissioned by Kier Construction to undertake an archaeological trial trench evaluation on land at the Cedar School, Redbridge Lane, Nursling, Southampton prior to the phased redevelopment of the existing Cedar School with a replacement school building, associated access, parking and landscaping.

Derbyshire Archaeological Journal The Derbyshire Archaeological Society was founded in 1878 to encourage interest in the County's archaeology and natural history. The Society was initially called the Derbyshire Archaeological and Natural History Society but the natural history side was dropped in 1961. The Society first published its Journal in 1879 and it has been published every year since. Each volume of the journal contains a collection of edited papers on various topics relating to both the history and the archaeology of the area.

(E)   CONFERENCES & PRESENTATIONS

July 2016		
23 July 2016	**Protecting your Digital Information Built Legacy Project workshop**, York	Organised by Louisa Matthews and Angie Creswick
21 July 2016	**Challenges of Digital Preservation**, British Library, Boston Spa	Presentation by Tim Evans 'Challenges in Digital Preservation – an ADS perspective'
1 July 2016	**CDH Conference**, Uppsala	Presentations by Judith Winters 'Internet Archaeology: the Editor's tale' and keynote paper by Julian Richards on 'A View from the Bridge'
June 2016		
23 June 2016	**DPC File Formats**, York	Presentation by Tim Evans 'File obsolescence at the ADS?'

10 June 2016	**NEARCH plenary, Poznan**	Presentations by Judith Winters on 'Alternative Publications' and Holly Wright on 'Day of Archaeology'
3 June 2016	**Departmental Research Forum**, York	Presentations by Holly Wright, Julian Richards & Tim Evans
May 2016		
17 May 2016	**Academic Book of the Future**, York	Presentation by Judith Winters 'A Digital Editor's Perspective'
April 2016		
20-22 April 2016	**CIfA 2016 Conference**, Leicester	Presentation by Jo Gilham & Dan Miles 'Powering the Heritage Research Cycle (OASIS & HERALD and Research frameworks)'
11-12 April 2016	**Digital Data Management workshop**, Leicester	Taught by Katie Green, Judith Winters and Ray Moore
9 April 2016	**SAA Orlando**, USA	Presentations by Holly Wright 'ARIADNE: Building a European Data Infrastructure for Archaeology' and Julian Richards: 'Current developments in cyber-infrastructure in European Archaeology'
30 March 2016	**CAA Oslo,** Norway	Session organised and chaired by Holly Wright and Julian Richards
March 2016		
18 March 2016	**EAC**, Brighton	Presentation by Julian Richards 'Long-term Data Preservation and Re-use: the work of the Archaeology Data Service'
February 2016		
19 February 2016	**University of York Research Forum**	Presentations by Julian Richards & Katie Green
5 February 2016	**LoCloud Final Conference**, Amersfoort	Presentation by Holly Wright 'Small, smaller and smallest: working with small archaeological content providers and LoCloud'
January 2016		
19-21 January 2016	**ARIADNE workshops**, Vienna & Ljubljana	Presentations by Holly Wright on 'Interoperability', Archiving and Repositories' and 'Data Management Planning'
11 January 2016	Budapest	Presentation by Julian Richards 'Long-term Data Preservation and Re-use: the work of the Archaeology Data Service'
November 2015		
27 November 2015	**CIfA Geophysics workshop**, Birmingham	Organised by Louisa Matthews and Ray Moore
8 November 2015	**EVA MINERVA**, Jerusalem	Presentations by Holly Wright on 'LoCloud Collections' & 'Introduction to LoCloud'
4 November 2015	**Roman Rural Settlement Welsh Conference**, Cardiff	Presentation by Tim Evans 'Digital Dissemination Strategies (Wales)'

4 November 2015	**Yorkshire, Humber & the North East Development Management Working Group**, York	Presentation by Louisa Matthews 'Digital Archiving & Commercial Archaeology'
October 2015		
30 October 2015	**Research Forum**, York	Presentations by Holly Wright 'Introduction to NEARCH artist residences'
8 October 2015	**House of Lords Archive Committee**, London	Presentation by Michael Charno & Tim Evans 'Mapping & Geospatial Data at the ADS'
2 October 2015	**CAA Symposium**, Digital Heritage, Granada	Presentation by Holly Wright 'How do we show re-use'
1 October 2015	**Digital Heritage**, Granada	Presentation by Holly Wright 'Closing remarks for LoCLoud workshop'
September 2015		
29 September 2015	**TAG CLOUD workshop,** Digital Heritage, Granada	Presentation by Holly Wright 'Introduction to LoCloud'

(F) PUBLICATIONS

Green, K., Niven, K. and Field G. (2016) 'Migrating 2 and 3D Datasets: Preserving AutoCAD at the Archaeology Data Service'. *ISPRS Int. J. Geo-Inf.*, 5(4), 44. doi: 10.3390/ijgi5040044

Richards, J.D., Tudhope, D. and Vlachidis, A. (2015) 'Text Mining in Archaeology: Extracting Information from Archaeological Reports". In, J.A. Barceló and I. Bogdanovic (eds.) *Mathematics in Archaeology.* Science Publishers, Boca Raton, Florida, 240-54

Moore, R. and Richards, J.D (2015) 'Here Today, Gone Tomorrow: Open Access, Open Data and Digital Preservation' in A.T. Wilson and B. Edwards (eds.) *Open Source Archaeology*: *Ethics and Practice.* Dr Gruyter Open, 30-43

Richards, J.D. and Winters, J. (2015) 'Digging into data: Open Access and Open Data', *Post-Classical Archaeologies* **5**, 285-98

Richards, J.D. (2015) 'Ahead of the curve: adventures in e-publishing in *Internet Archaeology*' *Archäologische Informationen* **38**, 63-71

Galeazzi, F., Callieri, M., Dellepiane, M., Charno, M., Richards, J.D. and Scopigno, R. (2016) 'Web-based visualization for 3D data in archaeology: The ADS 3D viewer', *Jrnl Archaeol Sci: Reports* **9**, 1-11. http://dx.doi.org/10.1016/j.jasrep.2016.06.045.