

# JISC DEVELOPMENT PROGRAMMES

## Project Document Cover Sheet

### Progress Report

#### Project

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<b>Project Director</b>	Tony Kidd		
<b>Project Manager &amp; contact details</b>			
<b>Partner Institutions</b>	N/A		
<b>Project Web URL</b>	<a href="http://www.lib.gla.ac.uk/research/openlockss">http://www.lib.gla.ac.uk/research/openlockss</a>		
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# GLASGOW UNIVERSITY LIBRARY

## OpenLOCKSS Final Report

OpenLOCKSS Team

August 17, 2007

*This is the final project report for the University of Glasgow's OpenLOCKSS project for JISC. It provides an outline and background to the project, its deliverables, the implementation of the project plan and its dissemination activities. Ongoing work is indicated and the project's sustainability of its work beyond the JISC funding is detailed.*

### Grant Statement

This project was conducted under the terms agreed with JISC.

### Introduction

The OpenLOCKSS project ran from March to July 2007, with Tony Kidd as Project Director, and William Nixon and Laura Galloway as key staff, as indicated in the initial project proposal. All three are based at Glasgow University Library. In addition, Adam Rusbridge, LOCKSS Technical Support Officer (LTSO) based in HATII, University of Glasgow, has provided essential support, and will continue to be involved as OpenLOCKSS progresses beyond the JISC funding period. Eleven project team meetings took place over the life of the project.

More detail on the agreed deliverables is provided below, but the aims of the project have been realised, and the deliverables achieved. Although not often an initial priority, there has been widespread interest among the diverse community of small open access journal producers in the concept of and opportunities for digital preservation – sometimes after significant dialogue with members of the project team. Much progress has been made over a short period, and we plan to take this forward into the future.

During the project we contacted a total of 32 titles, from 28 publishers (a few publishers had more than one title) and received positive responses from 19, there have now been 4 manifest pages added and work is ongoing with the remainder.

### Background

The OpenLOCKSS project, part of the JISC LOCKSS Pilot Project was an opportunity to engage with, primarily with UK Open Access titles and their publishers and to offer to bring them into the LOCKSS system. The project took its lead from the success of the US LOCKSS Humanities Project<sup>1</sup>. The Humanities project ran an exercise in which twelve major US libraries collaborated to contact more than fifty predominantly North American open access journal titles, enabling them to be preserved within the LOCKSS system.

The titles identified and contacted by OpenLOCKSS came from the 2006 Open Access survey. This used data on available UK titles compiled by Glasgow University Library staff from information held by the Directory of Open Access Journals (DOAJ).

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<sup>1</sup> LOCKSS Humanities Project, [http://www.lockss.org/lockss/LOCKSS\\_Humanities\\_Project](http://www.lockss.org/lockss/LOCKSS_Humanities_Project)

This survey was complementary to one carried out by the LOCKSS Pilot Project, to discover preferences for commercial/society publishers to approach with a view to participating in LOCKSS, and Content Complete Ltd undertook work, as well as negotiating with the NESLi2 publishers on their LOCKSS participation. CCL have been very supportive of the OpenLOCKSS project.

The results of the DOAJ Open Access survey are given in Appendix 4 of this report.

## Deliverables

The OpenLOCKSS project deliverables were to:

- Agree with 12-15 journals on participation in LOCKSS
- Ensure the availability of publisher manifest pages for participating journals
- Write appropriate plug-ins
- Agree hosting among LOCKSS Pilot Project participants
- Write publicity and information material about LOCKSS for Open Access journal publishers
- Complete the Project final report by the end of July 2007 (revised to 16<sup>th</sup> August)

### *Agree with 12-15 journals on participation in LOCKSS*

The project contacted 32 publishers, there were 19 positive responses (well in excess of the 12-15 target), 3 negative ones and 10 non-responses, after several contact attempts, by both email and telephone.

Initially, contact was made with those journals receiving five or more 'votes' in the survey of LOCKSS pilot sites undertaken in December 2006. The response rate among this group was to some extent disappointing, but when the contact list was extended to those with four votes, then those with three votes, there appeared to be a much greater level of enthusiasm (Appendix 1 includes the participation status and number of votes per title). It is possible that the better-known titles felt that in one way or another they had already made sufficient preservation arrangements, but given the relatively small number of titles approached in total, it is not easy to be confident about reasons why some have been keen to take things forward, while a minority have ignored contact altogether. One common factor among many of these small titles is that it has often been difficult to discover the appropriate liaison person: websites are frequently vague, or turn out to provide out of date or inaccurate information.

The three titles (from two publishers) that declined to participate gave the following reasons:

- *D-Lib* have responded that they do not want to take matters further with LOCKSS at present: they have already been approached by US LOCKSS contacts.
- The Office of National Statistics, whose titles included *Health Statistics Quarterly* and *Population Trends* indicated that as a Government publisher they take preservation and archiving very seriously. They are currently exploring the issue of archiving for a wide range of uses and do not want to enter into any formal arrangements with third parties at this time.

### *Ensure the availability of publisher manifest pages for participating journals*

There are now 4 Manifest pages in place for titles and an additional 10 have been sent to those titles which have agreed to become LOCKSS participants. *Museum & Society*

uploaded a manifest page to their site, becoming the first journal to reach that position with OpenLOCKSS in May 2007.

Manifest pages have been sent to:

- Forced Migration Review
- Information Research
- Journal of Language & Linguistics
- Journal of Language & Learning
- Journal of Language & Literature
- Psycology
- Epherema: Theory & Politics in Organization
- Genomics, Society and Policy
- Journal of Molecular & Genetic Medicine
- Journal of RNAi and Gene Silencing

The remaining five titles are those which have provisionally said yes, or are still considering whether or not to become a participant. When they formally agree, we will create and send them the necessary manifest page for their site.

#### *Write appropriate plugins*

A plugin for RLG DigiNews has been completed by the Stanford LOCKSS team and released to the LOCKSS community. This was undertaken as a matter of priority as the RLG material was at short-term risk due to a discontinuation in funding. Two plugins are currently in testing, for *Museum and Society* and the *Journal of eLiteracy* (JeLit), and these will be released during August.

During initial plugin assessment for the remainder of journals with manifest pages, minor problems were identified with some manifest pages. For example, with some journal titles the journal URL was incorrect and with others the manifest page was not yet under correct access control. Although these issues can be easily resolved it can sometimes be a slow process getting the publisher to correct such problems.

The remainder of the plugins have been added to the LTSO's development agenda and will be developed and released over the next quarter.

#### *Agree hosting among LOCKSS Pilot Project participants*

Once manifest pages are in place, and the plugins are written, the LOCKSS Technical Support Officer will release titles to the UK LOCKSS pilot community. Given that the titles were selected by vote from that community, there are no particular problems anticipated in reaching the target of six sites per title. However, if this is not the case for particular titles, the LTSO will notify the OpenLOCKSS team, who will alert the pilot participants and work to ensure the necessary number of sites are achieved. This commitment is an important element in ensuring the project's sustainability.

#### *Write publicity and information material about LOCKSS for Open Access journal publishers*

Material was created and sent out to the Open Access publishers, this material is available on the OpenLOCKSS website and will be maintained by the University of Glasgow. It included a web page for Open Access publishers which was also sent as a PDF file and a list of Frequently Asked Questions, together with a manifest page template.

### *Complete the Project final report by end-July 2007*

In agreement with JISC the Project's final report will be submitted by the 16<sup>th</sup> of August 2007.

## **Implementation of the Project Plan**

The project plan for OpenLOCKSS identified a range of key activities which needed to be undertaken to ensure the project's success:

- Selecting and contacting the journal publishers
- Following up with journal publishers
- Liaising with journal publishers and answering their queries
- Selecting Additional "Reserve" titles
- Negotiating for agreement
- Implementing manifest pages
- Writing plugins

### *Selecting and contacting the journals*

The initial project meetings reviewed the results from the Open Access survey and from the 17 titles which got 5 votes we identified 13 initial titles to approach and the necessary contact details.

During the first month the project team also put the OpenLOCKSS website in place and compiled some introductory material for these publishers. This material provided an overview of LOCKSS, the potential benefits and an indication of the work required for a title to become LOCKSS ready. This material also made it clear that there were no financial costs involved in becoming part of LOCKSS:

"LOCKSS, at no charge to you, addresses the long term archiving and preservation needs of your journal content to ensure its continued access for the scholarly community. The responsibility for preservation, and its corresponding costs are borne by libraries in the LOCKSS programme."<sup>2</sup>

We would like to acknowledge the assistance of Content Complete Ltd in compiling this information. CCL generously gave us access to their documentation, intended for commercial publishers but of use to us in contacting Open Access Publishers.

The first thirteen journals were then contacted by e-mail with follow-up phone calls. They also received copies of relevant introductory material, compiled by team members, and were referred to the project website.

### *Following -up with journal publishers*

This was done via telephone and e-mail, the response rates was not as high as we had anticipated. From the 13 initial titles, we had responses back from only 6 of them. Of these 6, 3 did not want to participate (their reasons are included earlier in this report), 2 agreed provisionally and 1 wanted further information which we have provided.

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<sup>2</sup> OpenLOCKSS: Information for Publishers,  
<http://www.lib.gla.ac.uk/Research/openlockss/forpublishers.shtml>

### *Selecting Additional “Reserve” titles*

During the second month of the project and our experience with the responses from the initial list it became apparent that it was necessary to identify an additional list of 11 “Reserve titles”, mostly those with 4 ‘votes’. These were then contacted by e-mail and telephone. Response and interest in this second list of titles was quicker and much more positive.

In the first list of Reserve Titles, 11 were contacted. Of the 11 "first reserve list" titles, we are still waiting on a response from 1, but the 10 who have replied have all said yes (with just one provisional yes, to be followed up after board meeting in September), and 9 have been sent a manifest page template;

During the fourth month of the project we identified an additional seven titles , with three votes, as a second list of reserve titles. This was done in the anticipation that not all of titles already contacted would progress to completion. Of these titles (first approached at the beginning of June), we are still waiting on responses from 4, but the 4 who have replied have all said yes and have been sent manifest page templates.

### *Negotiating for agreement*

As indicated not all of the titles immediately answered “yes” or “no”. A number had a range of enquiries which, with the assistance of the LOCKSS Technical Support Officer we were able to address. Many of the enquiries were for further information or of a technical nature but a number were legal and this is an area which members of the project team will take further, beyond the project’s funded lifetime.

### *Implementing manifest pages*

For early adopter titles we provided them with details of how to create a manifest page and guidelines on where it should be located. We found, however that it was more effective for us to create HTML manifest pages for titles which had agreed to become part of the project. These were created and e-mailed to the journal contact asking that the manifest page be uploaded onto their journal website and then for them to send us the url. This approach has been much more successful and enabled us to more quickly follow through with a title.

### *Plugin development*

The plugin development work will be ongoing by the LTSO. This work dovetails with the work being done for the commercial publishers. One plugin is in place now (RLG Diginews) and this work will continue beyond the OpenLOCKSS Project.

## **Dissemination Activities**

The Project announcement (including website details) was sent out to the UK Pilot participants and the SPARC Open Access mailing list.

The website<sup>3</sup> was set-up in the first month and included the project proposal, contact details and information for publishers/editors. As the project progressed we added a sample manifest page template and the mid-term project report, completed in May 2007.

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<sup>3</sup> OpenLOCKSS Website, <http://www.lib.gla.ac.uk/research/openlockss>

Tony Kidd and Adam Rusbridge attended the JISC/BL/Digital Preservation Coalition workshop on “E-Journal Archiving and Preservation” in London on 27 March 2007. Vicky Reich publicised the OpenLOCKSS Project during her presentation.

The LOCKSS Project website added a news item link to the OpenLOCKSS Project on the 4<sup>th</sup> of April 2007.

Peter Suber alluded to the Project on his Open Access News blog<sup>4</sup>, dated 4 April 2007.

During the course of the project the project proposal and the mid-term report were disseminated via e-mail to UK LOCKSS pilot participants.

### *Activities beyond Project funding*

There will be presentations by members of the OpenLOCKSS team at training and seminar days to be held by the UK LOCKSS pilot project in autumn 2007 and early 2008, and OpenLOCKSS participation in discussions on the exit strategy for the pilot project as a whole.

UK LOCKSS will lead a breakout session at the UK Serials Group annual conference, Torquay, April 2008, attended by at least 600 publishers, library staff and other key workers in this area, from the UK, other European countries, and further afield. Adam Rusbridge (covering the pilot project in general) and William Nixon (OpenLOCKSS) are the likely session leaders.

The OpenLOCKSS team members, including Adam Rusbridge, will collaborate in writing at least one article on OpenLOCKSS developments, to be submitted to a journal such as Ariadne, D-Lib Magazine, or Serials.

## **Risk Management**

The key risks identified were

1. Lack of responses/agreement with Open Access publishers
2. Insufficient participants to host the journals
3. Plug-in development time

### *1. Lack of responses/agreement with Open Access publishers*

This identified risk was indeed an initial problem, but this was effectively managed by a structured follow-up programme, together with the use of two reserve lists of titles drawn from the Open Access survey, as outlined in the initial proposal. These steps enabled us to meet our numerical targets and to broaden the range of titles which could be added.

### *2. Insufficient participants to host the journals*

Liaison with interested publishers/titles has been quite a lengthy process in a number of cases, including dealing with manifest page queries. It is anticipated that commitment from the UK sites who have indicated in interest in the journals will ensure that there are sufficient participants to effectively host the journals. This becomes even more likely when the international LOCKSS participants are included. In the unlikely situation however, where an insufficient number of institutions have agreed to cache titles, the LOCKSS Technical Support Officer will follow this up with the UK Pilot partners.

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<sup>4</sup> Suber, Open Access News Blog, <http://www.earlham.edu/~peters/fos/fosblog.html>

### *3. Plugin development time*

This work has been timetabled and will continue beyond the end of the OpenLOCKSS Project with the assistance of the LTSO.

For each journal, a plugin is required to define what constitutes the journal and hence what is to be collected by a LOCKSS box. For open access journals, a single plugin is generally required for each journal. As this must be scheduled alongside existing development work, this will be staggered and journals released during the next reporting period of the UK LOCKSS Pilot Programme.

### **Legal issues**

As the project progressed a number of queries about licencing and re-use emerged in discussions with titles. We explored the licensing arrangements for the LOCKSS Humanities Project with Vicky Reich but were advised that a Creative Commons or LOCKSS Permission statement may be more appropriate.

We feel that in many cases what is missing, for Open Access publishers is the access and usage statements provided by participants. Such statements would include details about how their content can be disseminated. It would be more appropriate for these statements to be kept distinct from the LOCKSS permission statements. This is an area which, in many cases marks a clear distinction between the between commercial and open access publishers since the latter already have licence agreements which can accommodate such conditions.

Apart from the agreement by e-mail to host the manifest page and the technical permission granted by the manifest page we feel that it would be useful if OpenLOCKSS could recommend appropriate text for such a statement. This could include content use and archiving which could be added to the open access title's website.

It may be that clause 3 and 4 of the NESLi2 license, in particular clause 3.1.3.12 and all of 4 seem relevant.

This is an area for further investigation by members of the project team and could be done in co-ordination with work done in this area by the JISC Services Group.

### **Additional Work**

#### *International interest*

In addition to the journals identified by the project we were also contacted by the New Zealand publisher Libertas Academica (biomedical titles). They were interested in becoming a content provider for LOCKSS and were made aware of the OpenLOCKSS Project via the Peter Suber blog.

In consultation with Helen Hockx-Yu (JISC) and Vicky Reich (LOCKSS) it was agreed that it was appropriate for OpenLOCKSS to work with the LA titles. 8 out of 11 of their journals are listed on DOAJ. It should be noted however that the Libertas Academica titles are in addition to the 12-15 target set by the project.

#### *Brokering Service*

The inclusion of the Libertas Academica titles provided the project with the opportunity to explore an alternative to voting for titles via a web form rather than via the mailing list. A copy of the web form is appended

An e-mail was sent to the LOCKSS@JISMAIL.AC.UK on the 2<sup>nd</sup> of July which asked institutions to agree to host the titles from Libertas Academica. We listed all of the titles with a view that they would be taken as a “bundle” rather than individually

There were 4 replies to the e-mail agreeing to host the titles and while this is short of the necessary 6 we feel that it would be best to follow this up once the plug-in has been written. We have been advised that a number of libraries automatically cache new titles when they become available and if the number of institutions caching these titles is still not sufficient we shall raise this with the UK sites to ensure the necessary threshold is reached.

Unlike subscriptions journals where caching is dependent on appropriate access being available there is no such barrier for these or the other titles which OpenLOCKSS has been working with.

### *Scottish Dark Archive LOCKSS Proposal*

During the course of the Project John MacColl from Edinburgh University Library met with William Nixon and Tony Kidd in March to discuss a possible proposal to SCURL for a “Scottish Dark Archive” using LOCKSS. The proposal noted that:

“we are conscious of the fact that the LOCKSS technology can be used to preserve any type of content which can be multiply mirrored. Indeed, the LOCKSS team at Stanford University are keen to see it used in other contexts, and there are examples of this 'alternative use' of LOCKSS now beginning to emerge.”<sup>5</sup>

It identified a range of possible content for such an archive which included:

- “born digital archival material (e.g. University records)
- Open Access research papers (typically housed in institutional repositories)
- digital theses and dissertations (also usually located in IRs)
- digitised objects from library and cultural collections”

We will keep this proposal under review.

### **Budget**

There was no allowance in this proposal for staffing costs for the LOCKSS Technical Support Officer, Adam Rusbridge. Adam’s involvement was funded by parent Project funds.

There were no additional travel costs incurred.

### **Lessons learned**

The OpenLOCKSS project team learned a number of valuable lessons which can be taken forward by both the Pilot LOCKSS Programme but also the wider LOCKSS community.

- **Negotiating with Publishers:** This can be time consuming activity and one which we identified as a possible risk to the project. A key lesson here is the importance of persistence and the availability of key information which

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<sup>5</sup> MacColl, John, Scottish Dark Archive Proposal to SCURL

publishers may require about further details such as cost, technical issues and legal questions.

- **Legal queries:** A number of the titles raised interesting legal questions and issues and work on these will be undertaken beyond the project funding. Although the LOCKSS project itself deals with permissions necessary for caching the titles it has become clear that guidelines for archiving should be developed for Open Access publishers which can be made available on their websites. This will address the issues raised which included content re-use and attribution as well as copyright.
- **Plugin challenges:** The diversity of platforms and the technical challenges with the plugins have provided valuable learning and development opportunities. This work can inform plugin development across the LOCKSS system.

## **Sustainability and Ongoing Work**

The OpenLOCKSS team at the University of Glasgow will continue to meet on a regular basis to check on progress with the titles we have contacted, and to consider other possible LOCKSS developments. The team will continue to include the LOCKSS Technical Support Officer and will monitor the ongoing addition of plug-ins and the take-up of titles by LOCKSS participants.

Some follow-up activities will also be handed over to the LOCKSS Technical Support Officer, this will include the contact details and status of the titles in the various lists to bring them into the LOCKSS system.

As titles become ready the LTSO will release them to the UK community, in a similar approach to that taken with Libertas Academica, whereby the LTSO will only follow-up with the community if an insufficient number of institutions are caching titles.

The OpenLOCKSS website will be maintained and updated as appropriate by the project team.

The UK LOCKSS Pilot Programme is currently looking at models by which a sustainable LOCKSS service can be run in the UK. A key component of this continuing service will be to identify, negotiate, and release plugins for journal content identified as a priority by the UK community. The documentation, feedback mechanisms and lessons learned will continue to assist us in this process.

## **Conclusions and Outcomes**

The OpenLOCKSS Project has achieved its deliverables and secured the agreement of 19 titles to be included in the LOCKSS system. While not all of these titles are ready to be added to LOCKSS, the project team will continue to meet and monitor the work done to see the project's efforts come to fruition.

We feel that LOCKSS is an ideal low-cost mechanism for ensuring preservation, particularly for Open Access titles, provided that appropriate contacts can be made, plugin developments completed and sufficient libraries agree to host the content. The OpenLOCKSS Project has demonstrated that there are many Open Access publishers who are very interested, very keen in some cases to have their content preserved by LOCKSS. The legal queries which have been raised are also an opportunity to work with these publishers to ensure that an appropriate archiving/permission statement is in place on their website.

While we were only able to contact a fraction of the titles and publishers in the Open Access survey our experience would indicate that there would be many more who would be willing to join the LOCKSS system.

The needs of the UK LOCKSS community and the resources available, in particular for plugin development beyond the Pilot Programme must be considered if we are to secure the ongoing addition of such titles into LOCKSS and realise Thomas Jefferson's vision:

"...let us save what remains: not by vaults and locks which fence them from the public eye and use in consigning them to the waste of time, but by such a multiplication of copies, as shall place them beyond the reach of accident."<sup>6</sup>

*Prepared by: OpenLOCKSS Team*

*Last modified on: Tuesday, 26 August 2008*

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<sup>6</sup> In Thomas Jefferson: Writings: Autobiography, Notes on the State of Virginia, Public and Private Papers, Addresses, Letters, edited by Merrill D. Peterson. New York: Library of America 1984. Quoted on the LOCKSS Website <http://www.lockss.org/lockss/Home>

## Appendix 1: OpenLOCKSS Journal Titles

### *Initial Titles*

<b>Title</b>	<b>Votes</b>	<b>Participation</b>
Population Trends	14	Declined
Health Statistics Quarterly	13	Declined
Ariadne	9	Yes (Provisional)
Journal of Information, Law & Technology	8	No
Reviews in History	8	Yes (Provisional)
Web Journal of Current Legal Issues	8	Yes (Provisional)
Chemistry Education: Research and Practice	6	Yes, Manifest Page sent
International Journal of Communications Law & Policy	6	Considering request
Law, Social Justice & Global Development	6	No
Peace, Conflict & Development	6	No
D-Lib Magazine	5	Declined
Popular Musicology Online	5	No
Renaissance Forum	5	No

### *1st Reserve List*

<b>Title</b>	<b>Votes</b>	<b>Participation</b>
Discourse Analysis Online	4	No
Forced Migration Review	4	Yes, Manifest Page sent
Information Research	4	Yes, Manifest Page added
Journal of Hospitality, Leisure, Sport & Tourism Education	4	Yes (Provisional)
Journal of Language & Linguistics	4	Yes, Manifest Page sent
Journal of Language & Learning	4	Yes, Manifest Page sent
Journal of Language & Literature	4	Yes, Manifest Page sent
Museum & Society	4	Yes, Manifest Page added
Psycology	4	Yes, Manifest Page sent
Journal of eLiteracy (JeLit)	3	Yes, Plugin in development
RLG DigiNews	3	Yes, Plugin completed

*2nd Reserve List*

<b>Title</b>	<b>Votes</b>	<b>Participation</b>
Epherema: Theory & Politics in Organization	3	Yes, Manifest Page sent
Genomics, Society and Policy	3	Yes, Manifest Page sent
International Journal for Mathematics Teaching & Learning	3	No
The Journal for Critical Education Policy Studies	3	No
Journal of Molecular & Genetic Medicine	3	Yes, Manifest Page sent
Journal of RNAi and Gene Silencing	2	Yes, Manifest Page sent
Scope	3	No
The Surgeon	3	No

## **Appendix 2: Libertas Academica Titles**

The following titles from this New Zealand publisher will also be added to LOCKSS as a result of the OpenLOCKSS Project:

- Analytical Chemistry Insights
- Bioinformatics and Biology Insights
- Biomarker Insights
- Cancer Informatics
- Clinical Medicine: Arthritis and Musculoskeletal Disorders
- Clinical Medicine: Cardiology
- Clinical Medicine: Oncology
- Clinical Medicine: Respiratory and Pulmonary Medicine
- Drug Target Insights
- Evolutionary Bioinformatics
- Integrative Medicine Insights
- Gene Regulation and Systems Biology
- Perspectives in Medicinal Chemistry
- Translational Oncogenomics

### Appendix 3: Libertas Academica Brokering Page

**OpenLOCKSS: Libertas Academica**

The New Zealand Publisher Libertas Academica has a number of Open Access titles which can be included in LOCKSS. These are:

- Analytical Chemistry Insights
- Bioinformatics and Biology Insights
- Biomarker Insights
- Cancer Informatics
- Clinical Medicine: Arthritis and Musculoskeletal Disorders
- Clinical Medicine: Cardiology
- Clinical Medicine: Oncology
- Clinical Medicine: Respiratory and Pulmonary Medicine
- Drug Target Insights
- Evolutionary Bioinformatics
- Integrative Medicine Insights
- Gene Regulation and Systems Biology
- Perspectives in Medicinal Chemistry
- Translational Oncogenomics

As part of the OpenLOCKSS Project we would like to ensure that a sufficient number of LOCKSS Repository will agree to cache these titles. Please note that all of the titles will be taken.

If you are interested in caching these titles please agree by completing this brief form. We need at least 6 institutions to agree.

Name:

Institution:

Email:

OpenLOCKSS Team

<http://www.lib.gla.ac.uk/research/openlockss/libertas.shtml>

#### Appendix 4: Open access survey results

Table 1 lists Open Access journals which formed the basis of the OpenLOCKSS selection and were included in the survey of LOCKSS Pilot participants in December 2006 and January 2007. Journals are listed in order of the number of ‘votes’ assigned by the individual libraries. Each library was requested to nominate ten titles: the ‘additional votes’ column represents extra titles suggested by Edinburgh, Hull and Liverpool University Libraries, beyond their ten initial choices. A few titles are given in italics: they were not on the original list, but were suggested by individual libraries.

*Table 1: Open Access journals survey results*

<b>Title</b>	<b>'Publisher'</b>	<b>Votes</b>	<b>Add'l votes</b>
Population Trends	Office for National Statistics	14	
Health Statistics Quarterly	Office for National Statistics	13	1
Ariadne	UKOLN	9	1
Jnl of Information, Law & Technology	Univ Strathclyde	8	1
Reviews in History	Inst Historical Research Univ London	8	
Web Jnl of Current Legal Issues	Univ Newcastle	8	
Molecular Systems Biology	Nature Publ Group for EMBO	7	
New Jnl of Physics	Inst Physics Publ	7	1
Chemistry Education	Royal Soc Chemistry	6	1
Intl Jnl of Communications Law & Policy	Univ Oxford	6	
Law, Social Justice & Global Development	Univ Warwick	6	1
Medical History	Wellcome Trust	6	1
Peace, Conflict & Development	Univ Bradford	6	1
D-Lib Magazine	CNRI	5	1
LMS Jnl of Computation & Mathematics	London Mathematical Soc	5	1
Popular Musicology Online	CyberStudia	5	
Renaissance Forum	Univ Hull	5	
Discourse Analysis Online	Sheffield Hallam Univ	4	1
Forced Migration Review	Univ Oxford	4	1
Information Research	Prof Tom Wilson	4	

<b>Title</b>	<b>'Publisher'</b>	<b>Votes</b>	<b>Add'l votes</b>
Jnl of Hospitality, Leisure, Sports & Tourism Education	Oxford Brookes Univ	4	
Jnl of Language & Linguistics	Shakespeare Centre Ltd Press	4	
Jnl of Physics: Conference Series	Inst Physics Publ	4	2
Museum & Society	Univ Leicester	4	
Psychology	Univ Southampton	4	
Ephemera: Theory & Politics in Organization	Univ Leicester/Essex	3	
Genomics, Society & Policy	Univ Lancaster	3	
Intl Jnl for Mathematics Teaching & Learning	Univ Plymouth	3	
Jnl for Critical Education Policy Studies	Inst Education Policy Studies	3	1
Jnl of eLiteracy	Univ Glasgow	3	2
Jnl of Molecular & Genetic Medicine	Library Publishing Media	3	
RLG DigiNews	RLG	3	
Scope	Univ Nottingham	3	1
Surgeon	Royal College Surgeons Edinburgh	3	
Computers in Higher Education Economics Review	Univ Portsmouth/Bristol	2	1
Durham Anthropological Jnl	Univ Durham	2	
Electronic Jnl of Business Research Methods	Academic Conferences Intl Ltd	2	2
eSharp	Univ Glasgow	2	
Graduate Jnl of Social Science	LSE	2	
Hospital Pharmacist	Royal Pharmaceutical Soc GB	2	
Intl Review of Economics Education	Univ Bristol	2	1
Jnl of Interactive Media in Education	Open Univ	2	1
Jnl of RNAi & Gene Silencing	Library Publishing Media	2	1
Law, Environment & Development Jnl	SOAS	2	1
Migration Letters	European Business School London	2	1
Reflecting Education	Inst Education Univ London	2	
Bioscience Education Electronic Jnl	Centre for Bioscience	1	1
Cardiff Corvey	Univ Cardiff	1	
Community Eye Health Jnl	Intl Centre for Eye Health	1	
Consciousness Literature & the Arts	Univ Wales Aberystwyth	1	1

<b>Title</b>	<b>'Publisher'</b>	<b>Votes</b>	<b>Add'l votes</b>
Culture Machine	Univ Teeside	1	1
Didaskalia	Univ Warwick	1	
<i>Edinburgh Jnl of Gadda Studies</i>	Univ Edinburgh	1	
Electronic Jnl of e-Government	Academic Conferences Intl Ltd	1	2
Electronic Jnl of Information Systems Evaluation	Academic Conferences Intl Ltd	1	1
Electronic Jnl of Knowledge Management	Academic Conferences Intl Ltd	1	1
<i>ETHICOMP Jnl</i>	De Montfort Univ	1	
European Cells & Materials	Univ Wales Aberystwyth	1	
Forum	Univ Edinburgh	1	1
Gold Bulletin	World Gold Council	1	1
Herpes	Cambridge Medical Publications	1	
Intl Jnl of Simulation: Systems, Science & Technology	UK Simulation Soc	1	2
Jnl for Crime, Conflict & Media Culture	Cardiff Univ	1	
<i>Jnl for Education in the Built Environment</i>	CEBE, Cardiff Univ	1	
Jnl of Artificial Societies & Social Simulation	Univ Surrey	1	
Jnl of Language & Learning	Shakespeare Centre Ltd Press	1	
Jnl of Language & Literature	Shakespeare Centre Ltd Press	1	
Jnl of the Oxford University History Society	Oxford Univ History Soc	1	
Leprosy Review	LEPRA	1	
Open Government	Liverpool John Moores Univ	1	1
Palaeontologia Electronica	Coquina Pr	1	
Perspectives on Evil & Human Wickedness	Wickedness.net	1	
Platinum Metals Review	Johnson Matthey	1	1
Scottish Medical Jnl	Scottish Medical Jnl	1	
Surveillance & Society	Univ Newcastle	1	1
Westminster Papers in Communication & Culture	Univ Westminster	1	
Body Space & Technology	Brunel Univ	0	1
British Postgraduate Musicology	British Postgraduate Musicology	0	
Chapter & Verse	Univ Leeds	0	
Data Science jnl	CODATA	0	

<b>Title</b>	<b>'Publisher'</b>	<b>Votes</b>	<b>Add'l votes</b>
Egyptian Jnl of Biology	Univ Nottingham	0	
Electronic Jnl of e-Learning	Academic Conferences Intl Ltd	0	1
German as a Foreign Language	Goethe-Institut	0	
IBS Jnl of ScienceInformation Research	IBS Publ Group	0	1
JIMR On-Line	Cambridge Medical Publications	0	
Jnl of Digital Information	Univ Southampton	0	2
Jnl of Maps	Kingston Univ	0	1
Jnl of Memetics	Manchester Metropolitan Univ	0	1
Jnl of Security Sector Management	Cranfield Univ	0	
Marine Turtle Newsletter	Univ Exeter	0	
New Disease Reports	British Soc Plant Pathology	0	
Pantaneto Forum	Pantaneto Press	0	
Papers of Surrealism	AHRC	0	
Pores	Birkbeck College	0	
Romantic Textualities	Univ Cardiff	0	
SCRIPT-ed	Univ Edinburgh	0	1
Tangentium	Univ Leeds	0	
Ulster Medical Jnl	Ulster Medical Soc	0	
Working Papers in Art & Design	Univ Hertfordshire	0	
World Wide Wounds	Surgical Materials Testing Lab	0	1