

Not just a British library: enabling a global discovery experience

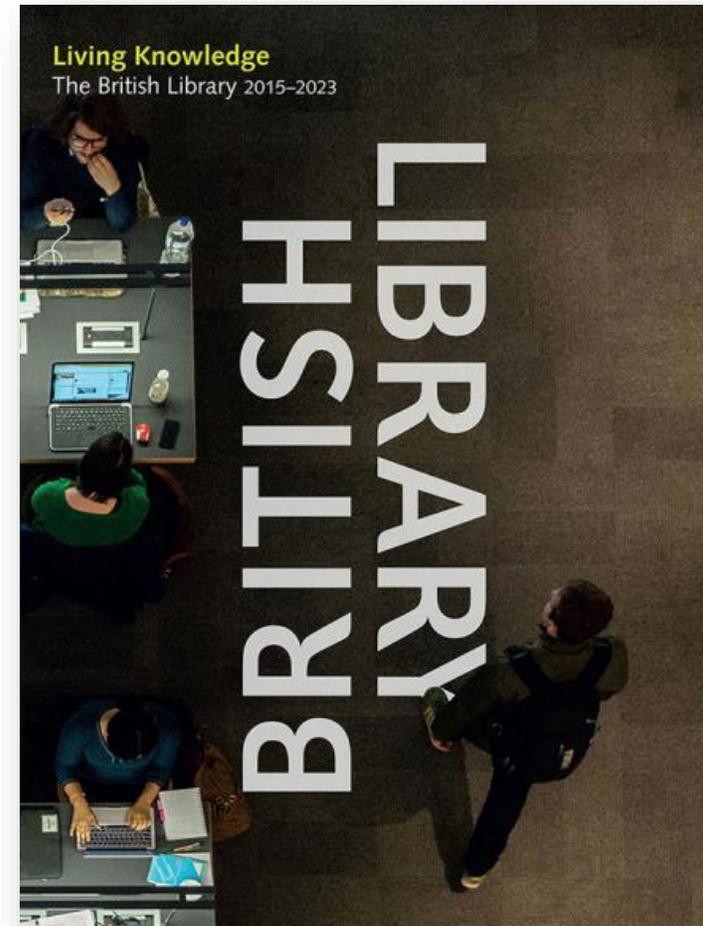
Dimity Flanagan

Scholarly Communications Lead

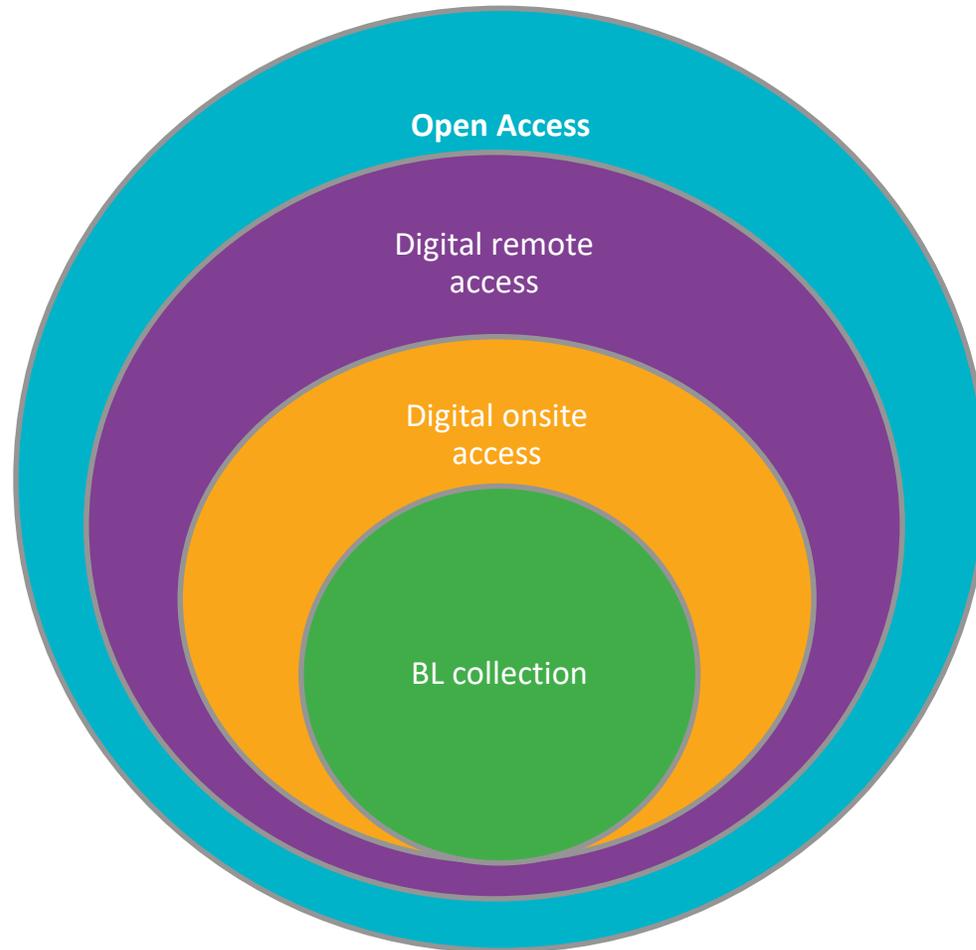
[0000-0002-6784-0325](tel:0000-0002-6784-0325) / [@2warpthreads](https://twitter.com/2warpthreads)

‘Open’ and the British Library

- In 1972, the British Library Act established the British Library as “... a national centre for reference, study and bibliographical and other information services” and tasks us to contribute “to the efficient management of other libraries and information services, to carry out and sponsor research”.
- In 2015, the Living Knowledge vision stated that the best way to deliver this mission today is for the British Library to become **the most open**, creative and innovative institution of its kind in the world.



Changing nature of collections



- Relative to content on the internet our collections are shrinking
- We can no longer hope to meet all user needs from our collections
- Enhance our collections by connecting them to relevant global content
- We need to reconsider national collection models in a global open science world

Improving open access discovery

Explore the British Library

Explore Home Feedback Tags Basket Request Other Items My Reading Room Requests Help

Main catalogue Our website Explore Further

microzooplankton Everything in this catalogue Advanced search

Refined by:
material type: Articles

Access Options

- Purchase a copy (651)
- Online: Reading Room only (416)
- Request to Reading Room (409)

Refine further

Author/Contributor

- Landry, M. R. (20)
- Calbet, A. (19)
- Liu, H. (14)
- Martin, Bettina (13)
- Landry, Michael R. (11)

Show 15 more

Refine further

Subject

- Life sciences (260)
- Environment (232)

Results 1 - 10 of 801 for Everything in this catalogue Sort by: relevance 1 2 3 4 5

1 **Microzooplankton regulation of surface ocean POC:PON ratios**
Talmy, D. et al.
Global biogeochemical cycles. Volume 30:Issue 2 (2016, February); pp 311-332 -- John Wiley and Sons Inc

Details **I want this!** Notes & Tags

Which of the options below can I use?

View online

- Legal Deposit content: only available on Reading Room computers **Go**
The British Library's Legal Deposit collections.
- Wiley Online Library Free Content
Year: 2016 Volume: 30 Issue: Start Page: 311 **Go**

Deliver item to

- The British Library's Reading Rooms (for registered Readers only) **Go**
NB: Only Readers can view print articles in our Reading Rooms.
You will need the article's year, volume and issue details when ordering the title.

Feedback

2 **Contaminating microzooplankton in outdoor microalgal mass culture**

Open access

Legal Deposit digital

Subscribed digital

Physical Reading Room Access

BL On Demand

It's not open if you cannot find it...

- Workshop
Library,
- Bringing
discover
and identifier
- Decision
develop
- Write up
<https://d>

Open Access Discovery Roadmap 2018

Project	Organisation	Timescale
Rebuild and enhance the BASE server infrastructure	BASE	2018
Prepare BASE index structure for the next ORCID.DE project	BASE	2018-2019
Build a repository/data source registry or directory for open access content	BASE	2019
Open access discovery integration with BL search systems	British Library	2019-2020
Open JSON API to check existence of preservation copy of OA content	British Library	2019
Next generation pilot projects for repositories - improving repository software platforms to support improved discovery	COAR	2018-2019
International adoption of common metadata standards to support tracking OA	COAR	2018-2020
Aligning regional repository networks (aggregators) to support metadata exchange and increased visibility of repository resources	COAR	2018-2020
Integration of CORE data with open citation datasets in collaboration with Microsoft	CORE	2018-2019
Indexing all documents listed in Crossref, for which we can locate a freely available copy anywhere on the Internet	CORE	2019
Working with publishers to increase the quality and proliferation of licence metadata they register	Crossref (and others)	2018-2020
Improved metric reports	DOAJ	2020
Upgrade of Elasticsearch to improve search and UI	DOAJ	2020
New manuscript submission system	Europe PMC	2019
Ingest of additional preprint metadata and full text of preprints	Europe PMC	2019
Submission system for text-mining groups to submit annotations of articles in Europe PMC	Europe PMC	2018 (complete)
Get the Research (scholarly search engine for the general public, built on Unpaywall index)	Impactstory	2018-2019
Unpaywall to include papers without DOIs	Impactstory	2019
Building a research software citation index	Impactstory	2019
Measurement dashboards to encourage OA mandate compliance	Impactstory	2018-2019
Open authorship/citation dataset (disambiguated author clusters, citations, institutions)	Impactstory	2019
FatCat scholarly record preservation and metadata aggregation project	Internet Archive	2018-2020
At-Risk OA journals preservation/access project	Internet Archive	2018-2020
Archiving and indexing services for OA discovery	Internet Archive	2018-2019
National Bibliographic Knowledgebase- UK-wide service to help libraries collaboratively manage their collections	Jisc	2018-2019
Working with stakeholders in the library supply chain to support the discovery of OA monographs, particularly for New University Presses (NUPs) and Academic-Led presses	Jisc	2018-2019
Dynamic Purchasing System call for OA publishing services via the OJEU	Jisc	2018-2019
Toolkit for New Academic Presses, which will include model licenses and best practice	Jisc	2018-2019
Jisc is working with ORCID, Freya project, ARDC and others to pursue how PIDs can be better used to address the discovery challenge	Jisc	2018-2019
GetPDF: libraries can provide PDF access to their patrons anyplace, anytime, in a click with or without subscriptions	Open Access Button	2018-2019
InstantILL: instantly fills forms and pre-checks against subscriptions and OA	Open Access Button	2019
Improved ILL for deposit into repositories	Open Access Button	2019

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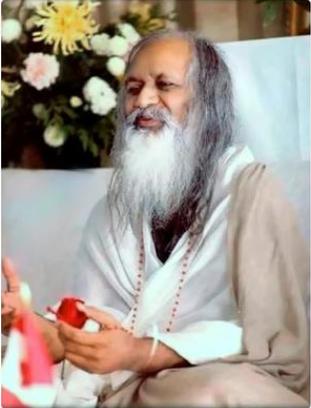
the Irish
'um)

Partnership example: Impactstory



Open Access only
Highlight terms
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Search terms: **Meditation** Mental health



Transcendental Meditation

Effects of Transcendental Meditation on mental health: a before-after study.
2008 *Clinical practice and epidemiology in mental health : CP & EMH*

Transcendental Meditation may improve mental health of young adult population especially in the areas of somatisation and anxiety, and this effect seems to be independent of age, sex and marital status.

[Learn more](#)



Editorial Content
[Fully conscious meditation: a significant contribution from the East to mental health in the West].
2013 *Sante mentale au Quebec*

[Learn more](#)

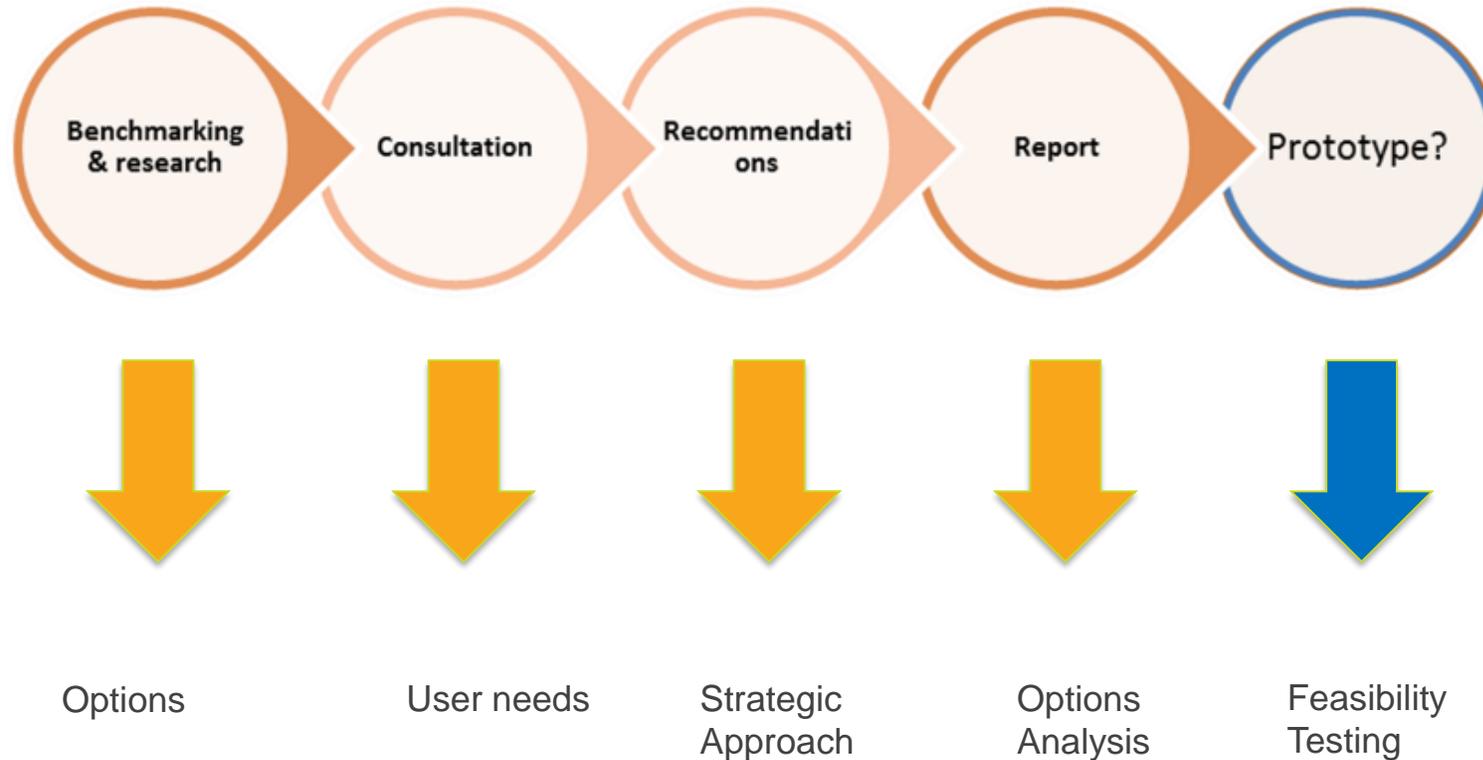
Meditation x

Meditation is a practice where an individual trains the mind or induces a mode of consciousness, either to realize some benefit or for the mind to simply acknowledge its content without becoming identified with that content, or as an end in itself.



via [Wikipedia](#)

Single Digital Presence for public libraries?



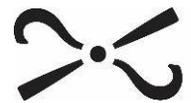
<https://www.bl.uk/press-releases/2019/june/new-research-proposes-five-options-for-a-digital-presence-in-public-libraries>

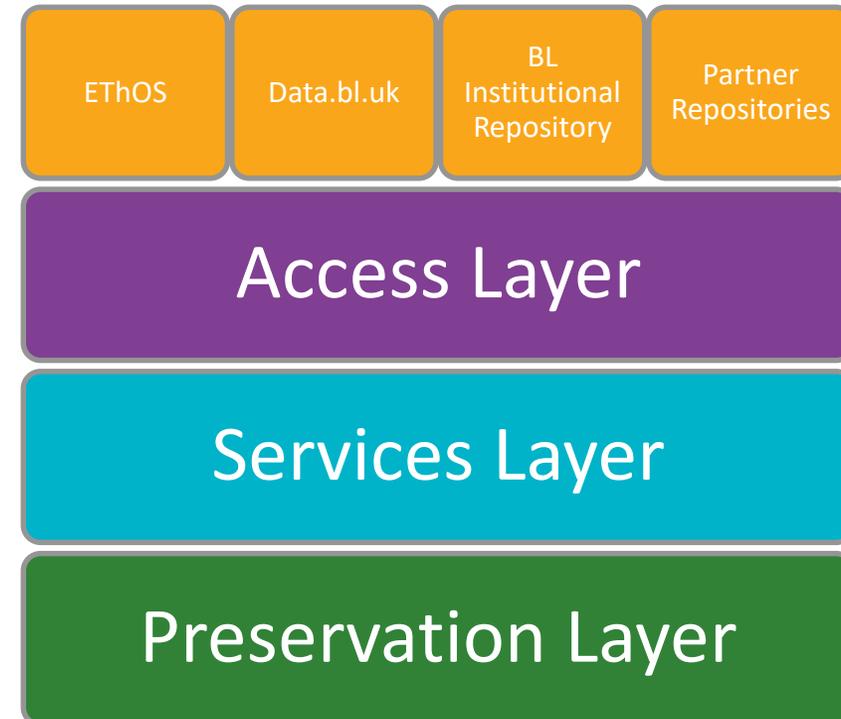
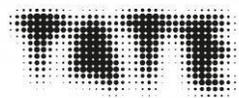
Developing an open repository platform

- Single BL repository platform
- Refresh national preservation system (>5m items, petabyte-scale)
- Access layer with multiple repositories, shared service model
- Repository pilot developed with:

THE
BRITISH
MUSEUM



 National
Museums
Scotland



Project FREYA

- FREYA is a 3-year project funded by the European Commission under the Horizon 2020 programme. The project aims to extend the infrastructure for persistent identifiers (PIDs) as a core component of open research, in the EU and globally. FREYA will improve discovery, navigation, retrieval, and access to research resources.



Enhancing metadata: provenance

Alternate identifier	identifier: DAR00114 type: Digital Asset Register ID
Related identifier	identifier: http://access.dl.bl.uk/ark:/81055/vdc_100022588691.0x000002 type: ARK relation: HasPart identifier: http://access.dl.bl.uk/ark:/81055/vdc_100022588707.0x000002 type: ARK relation: HasPart identifier: http://access.dl.bl.uk/ark:/81055/vdc_100022588883.0x000002 type: ARK relation: HasPart identifier: http://access.dl.bl.uk/ark:/81055/vdc_100022588879.0x000002 type: ARK relation: HasPart identifier: http://access.dl.bl.uk/ark:/81055/vdc_100022588891.0x000002 type: ARK relation: HasPart identifier: http://access.dl.bl.uk/ark:/81055/vdc_100022588887.0x000002 type: ARK relation: HasPart identifier: http://access.dl.bl.uk/ark:/81055/vdc_100022588893.0x000002 type: ARK relation: HasPart identifier: http://access.dl.bl.uk/ark:/81055/vdc_100022588901.0x000002 type: ARK relation: HasPart identifier: http://access.dl.bl.uk/ark:/81055/vdc_100022589010.0x000002 type: ARK relation: HasPart identifier: http://access.dl.bl.uk/ark:/81055/vdc_100022588895.0x000002 type: ARK relation: HasPart identifier: http://access.dl.bl.uk/ark:/81055/vdc_100022588923.0x000002 type: ARK relation: HasPart identifier: http://access.dl.bl.uk/ark:/81055/vdc_100022588711.0x000002 type: ARK relation: HasPart

Cite the digital

- Our URLs for digital content can be long
- Our ARKs are not yet resolvable
- There is a tendency to cite print versions rather than digital because:
 - Concerns over persistency of URLs
 - URLs are too long
 - Print is seen as more reliable

See: Blaney, J & Siefring, J. (2017) A Culture of non-citation: Assessing the digital impact of British History Online and the Early English Books Online Text Creation Partnership. *Digital Humanities Quarterly*, vo.11, no.1. Accessed 21/05/2019 at <http://www.digitalhumanities.org/dhq/vol/11/1/000282/000282.html>

Technical and cultural changes needed

Text and Data Mining: Newspapers

- Much content can only be accessed in BL Reading Rooms
- OCR quality – substantial digitisation done with Findmypast was from microfilm which does impact on accuracy. Furthermore, we do not have access to the derived data (OCR).
- Heritage Made Digital - newspapers:
<https://blogs.bl.uk/thenewsroom/2019/01/heritage-made-digital-the-newspapers.html>
- Transparency over selection decisions (how to convey in final dataset?)
- Derived data from the digitisation (OCR, entities etc) will be made freely available via the <http://data.bl.uk> platform.
- Living with Machines: <https://www.bl.uk/press-releases/2018/december/living-with-machines>

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