

Alma AI Metadata Assistant testing at the University of Leeds

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Outline

- Who we are
- How we got involved
- How it works
- How it progressed
- Findings and thoughts
- What's coming next



Alma AI Metadata Assistant testing at the University of Leeds

University of Leeds

- In Leeds, West Yorkshire
- Established as Leeds School of Medicine in 1831 and Yorkshire College of Science in 1874 which merged in 1884. Formally established as University of Leeds in 1904
- Eleventh largest university in the UK
- Part of the Russell Group of research-intensive UK universities
- Over 39,000 students from 170 different countries and over 9,000 staff of 100 different nationalities



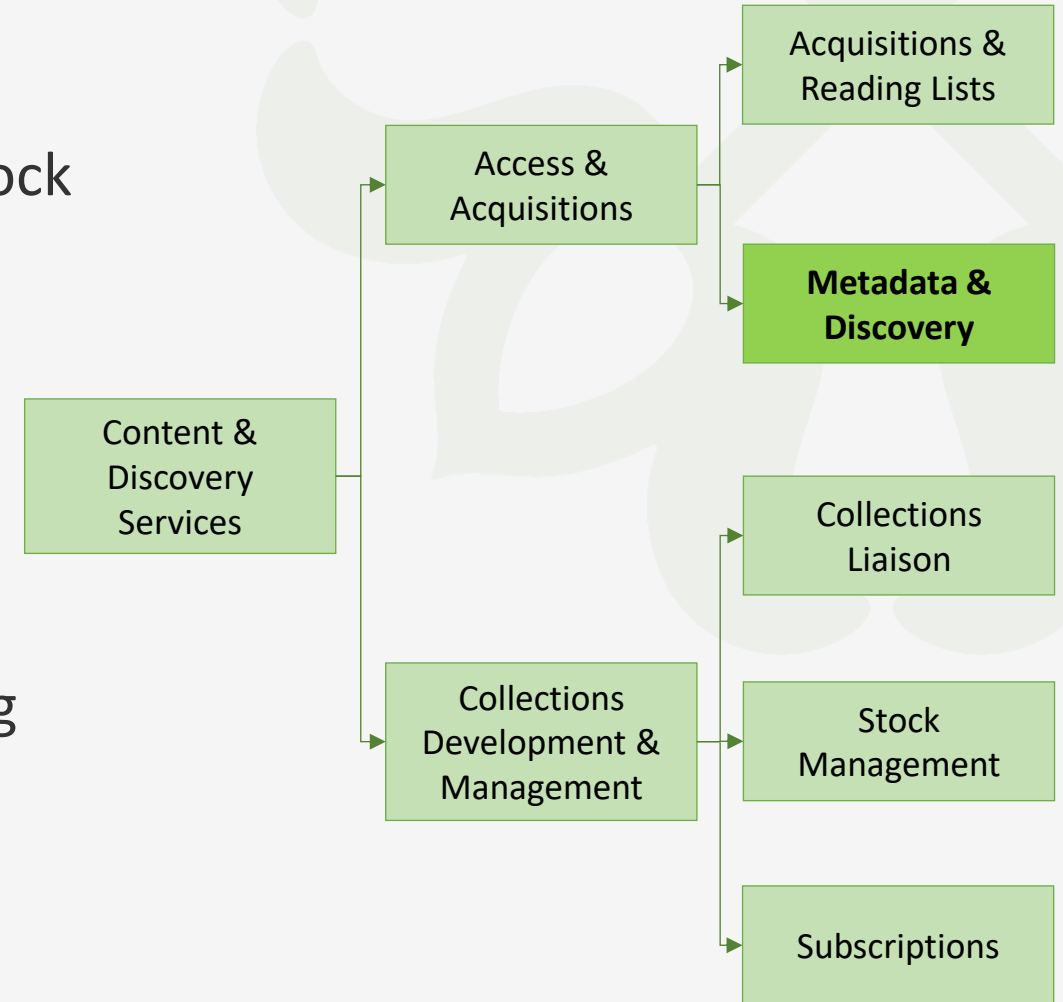
University of Leeds Libraries

- Five libraries with 2.7 million items
- Over 2.5 million annual visits
- White Rose Research open access repositories for papers, theses and data from WR universities (Leeds, York, and Sheffield)
- Five designated collections deemed internationally important
- Migrated to Alma in 2019
- Primo VE and a Premium Sandbox



University of Leeds Metadata & Discovery team

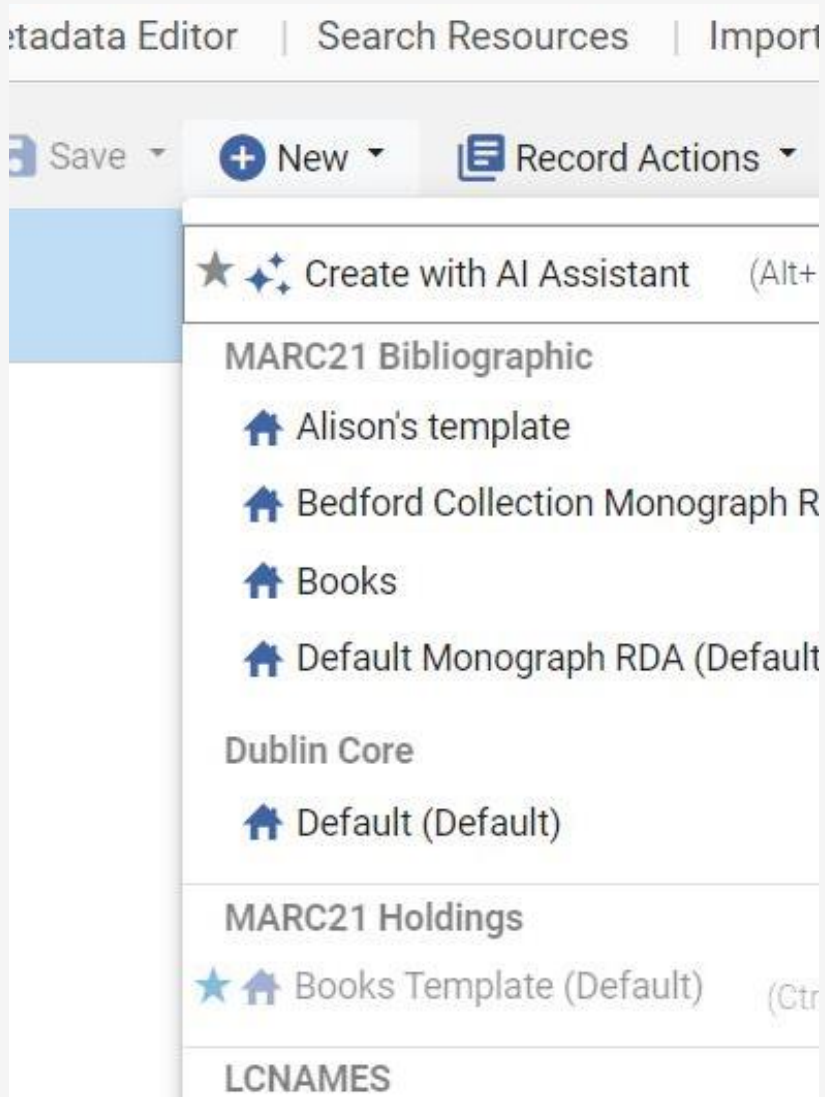
- Fourteen staff members
- Work alongside Acquisitions & Reading Lists, Stock Management, Collections Liaisons and Subscriptions teams under Content & Discovery Services banner
- Remit includes:
 - Print and e-book cataloguing
 - Special Collections monograph cataloguing
 - E-resource access, authentication and maintenance
 - Discovery experience development



How we got involved



The AI Metadata Assistant



The Alma AI Metadata Assistant in the Metadata Editor will reduce work needed to research and search for information, allowing the cataloguer to tackle more complex tasks, by suggesting metadata they can choose to use when cataloguing a resource. It will assist in record creation and enrichment.

Project scope

Phase 1 Development was to look at English Language MARC 21 records for books using LCSH vocabulary.

Testing phase to begin on August 18th and last approximately one month.

We had to state how many cataloguers from our institution would be taking part in the testing.

Testing done in Premium Sandbox.

How it works

The LLM behind the AI Assistant is currently GPT-4o

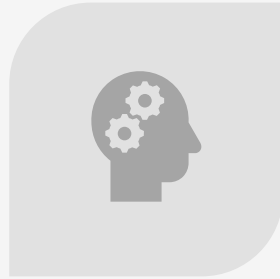
The AI Metadata Assistant works from prompts and is not involved in any AI training.



How it works.. New record



“AI ASSISTED CATALOGING”
ROLE



CONTINUE WORKING IN
ALMA WHILE THE AI IS
PROCESSING



TWO BOOK IMAGES MAX

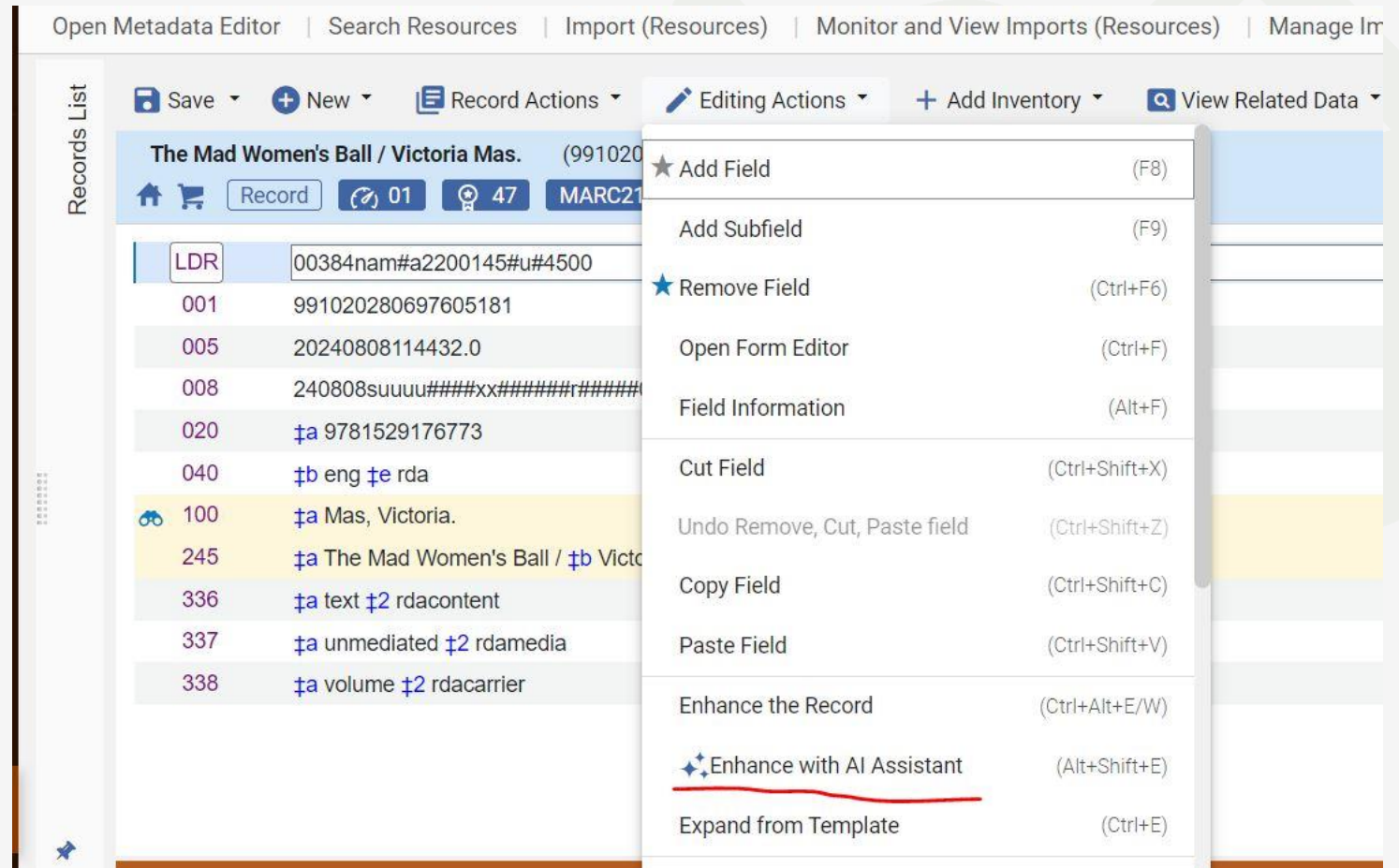
✦ New Record From AI Assistant

Enter the metadata and/or images you want to use to generate the record. The record will be pushed to MDE when ready.

Title*	Content Name
<input type="text" value="Enter Description Here"/>	<input type="text" value="Enter Description Here"/>
This field is required	
Author	Summary
<input type="text" value="Enter Description Here"/>	<input type="text" value="Enter Description Here"/>
ISBN	
<input type="text" value="Enter Description Here"/>	
Attachments	
Upload up to 2 images of the book (e.g. back cover, colophon)	
<div>Drop a file or Browse files</div>	

How it works.. Enhancing brief record

- Metadata taken from brief record. Add up to 2 images.
- Authorities get linked automatically.
- LCSH subjects added



ISBN

Enter Description Here

Open Metadata Editor | Search Resources | Monitor and view imports (Resources) | Monitor and view imports (Acquisitions) | Scan in items | Import (Resources)

Records

Templates

Rules

Save

+ New ...

Record A...

Editing A...

+ Add Inven...

View Rela...

Order

Search & ...

Quick links

MARC21 Bib (1)

LC BF Instance

Holdings

RVK

LCSH

LCNAMES

MESH

DC



Search in list



The Putney debates of... (99102029288805181)

New

AI Generated

Add Portfolio

Search Resources

Books Template (Default)

View In Search

Save and Release R



AI assistant processing for
"The Putney debates of
1647 : the army, the
Levellers and the English
state /" completed. [Go to
MDE](#)



Cancel

Generate Record

The Putney Debates of 1647

The Army, the Levellers and the English State

Edited by
Michael Mendle

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Constructing the (M)other

NARRATIVES OF DISABILITY, MOTHERHOOD,
AND THE POLITICS OF NORMAL



Priya Lalvani, EDITOR

Constructing the (M)other is a collection of personal narratives about motherhood in a context of a society in which disability holds a stigmatized position. From multiple and often conflicting points, these autoethnographies reveal how ableist beliefs about disability are ideologically upheld and relied. Collectively they seek to call attention to a particular resistance to mothering, challenge the trope of the good mother, and challenge the constructed hierarchy of acceptable children. The stories contained in this volume are counter-narratives of resistance—they are the devices through which mothers push back against the erasure of the otherness of their children; in these essays, mothers negotiate the tensions of claiming access to the category of normative motherhood. Mothers are angry, for mothers' dissonance, have their assumptions about disability challenged, and in doing so, the nature of normalcy transformed.

"Priya Lalvani has curated a gift—a critical carnival of stories. In *Constructing the (M)other*, women weaving lives that blend joy and imagination, battling the ideological tyranny of pity or loss, seeking spaces for full recognition of complex, gorgeous, and sometimes surprising children in a society drunk on fantasies of normal. Lalvani is a brilliant writer who holds together this book where soulful and truth-telling women across race/ethnicity/class/language/education/nation tell children with a sparkling range of abilities and needs, animate the pages. This volume is a roar, a speak back, truth in a post-truth society, a protest, and a celebration. Grab a glass of wine and climb in. I promise you won't want to leave until you get to the most delicious collagen that lingers in every cell of my body."—MICHELLE FINE, Distinguished Professor of Anthropology, Gender/Women's Studies and Urban Education, The Graduate Center, CUNY

"This stunning collection of mother narratives illuminates the intimate space where motherhood, disability, and society intersect. Lalvani has drawn together oft-unheard stories from culturally diverse mothers of children with disabilities who share what it means to negotiate shifting and complex cultural constructions of motherhood outside the socially-defined ideal. *Constructing the (M)other* is a fresh and significant contribution to a disability studies perspective on mothers and children with disabilities and a must-read for all educators committed to meaningful parent-professional partnerships."—JAN VALLE, Professor of Inclusive Education and Disability Studies, The College of New York

PRIYA LALVANI, Ph.D., is Associate Professor at Montclair State University and was the recipient of the Emerging Scholar in Disability Studies Award in 2016. Her work is published widely in journals including *Disability and Society*, *Disability Studies Quarterly*, and *Equity and Excellence in Education*.



Disability
Studies in
Education

www.peterlang.com

Cover image by Priya Lalvani

Initial prompt

As a cataloger, you receive a book titled: {title} {authored by author} {with ISBN XXX} {and content or summary note: content of notes}.
{One or more images of the book are included, with information on the book. It is very important if an image is attached and you cannot read the text on the image, return "could not process image".}

Your task is to use this information to create a Marc 21 record for this book. This task consists of several subtasks:

Task 1: Include the title in field 245.

Task 2: Include 5 Library of Congress Subject Headings that fit the topics described, including subdivision subfields if relevant.

Task 3: A short summary of the book in at most 200 words (in field 520).

Task 4: Any other relevant bibliographic data that is available should be included in its appropriate field. For example:

If you have information about the ISBN of the book, return it in field 020 - if the book has multiple ISBNs, return each one in a separate 020 field.

If you know the language the book is in, add 041 field with the Language code in 3 alphabet letters.

If you have information about the author of the work, include field 100 with this information (if you don't, don't include this field with generic data such as 'author name').

If you have information on the edition, include field 250 with this information.

If you have publishing data (such as publisher, publication year) include field 264.

If you have information about another person that contributed to the work, include field 700 with this information.

If you can tell that the work is part of a series, include field 830 with the series name.

If you're not sure which field to include certain information in, use 500.

Don't return filler data, such as "unknown" or "not defined".

First prompt update

- Your task is to use this information to create a Marc 21 record for this book, **with correct ISBD punctuation**. This task consists of several subtasks:
- **Task 3: A short summary of the book in field 520. If you know the abstract provided by the publisher, include the full abstract as a quote with double quotation marks, prefixed with "Publisher abstract:". If not, generate a summary of at most 200 words.**
- **If you know the LC call number of the book, include 050. {*}**
- **If you know the RDA content type, include field 336.**
- **If you know the RDA media type, include field 337.**
- **If you know the RDA carrier type, include field 338.**
- **If you have information about the table to contents, include field 505.**
- **If you can tell that the work is part of a series, include the series name in fields 490 and 830. If you know the series ISSN, include it in subfield x.**

Second prompt update

- **Cataloging in English**
- **a full Marc 21 record for this resource**
- **If the resource language is different than the cataloging language, the following fields, if included, should be in the resource language (make sure to include a linked 880 field containing the content converted to Latin script for any field not in the cataloging language): 245,250,264,490,830,any field starting with '1' or '7'.**
- **Task 1: Include the title statement in field 245, including subfields if relevant.**
- **Task 2: Include 5 subjects that fit the topics described, including subdivision subfields (form information in v, chronological in y, geographic in z and general in x) if relevant. The subjects should be from the list of Library of Congress Authorities.**
- **If you have other information about the physical description of the resource, return it in the appropriate field.**

Third prompt update

- Use this information to provide a full Marc 21 record for the resource, with correct ISBD punctuation. If the resource language is different than the cataloging language, only fields 245,250,264,490,830 and fields starting with '1' or '7' should be in the resource language (using UTF-8 characters), if included. If resource language is not in latin alphabet, include a linked 880 field after each non-latin field, containing a romanized transliteration of its contents.
- Task 3: Include field 520 in the resource language: Only if you have the publisher's abstract (from the book cover or the publisher itself) - include a full quote of it, exactly as the publisher wrote it without rephrasing, in double quotes (add escape characters so the quote characters are properly communicated by API) and prefixed with "Publisher abstract:". If no abstract is available, generate a concise summary of up to 200 words with prefix "AI Generated:". If cataloging language is different than the resource language, add another 520 with a concise summary of up to 200 words in the cataloging language, with prefix "AI Generated:"
- If you have information about the author or creator of the work, include the appropriate 1XX field with this information (100 for a person, 110 for a corporation, etc.). If there is more than one creator, include the first in a 1XX field, and the rest in 7XX fields. If you don't know the creator, don't include this field with generic data such as 'author name').

LDR #####nam#a22#####u#4500

008 #####suuuu####xx#####r#####000#0#eng#d

020 [1a](#) 9780007785377

100 1 [1a](#) Dunlop, Storm

245 1 0 [1a](#) Night sky: Northern hemisphere / [1c](#) Storm Dunlop ; illustrated by Wil Tirion.

250 [1a](#) Reprinted in 2017, 2018, 2019.

264 1 [1a](#) London : [1b](#) HarperCollins Publishers, [1c](#) 2016.

300 [1a](#) pages cm

336 [1a](#) text [1b](#) txt [12](#) rdacontent

337 [1a](#) unmediated [1b](#) n [12](#) rdamedia

338 [1a](#) volume [1b](#) nc [12](#) rdacarrier

490 1 [1a](#) Collins nature guide

520 [1a](#) AI Generated: This book provides a comprehensive guide to observing the night sky in the Northern Hemisphere. It includes detailed star charts, information on constellations, and tips for amateur astronomers. The guide is illustrated by Wil Tirion and is designed to help readers identify stars and other celestial objects with ease. [17](#) Generated by AI

588 [1a](#) Part of the metadata in this record was created with the help of AI

650 0 [1a](#) Astronomy

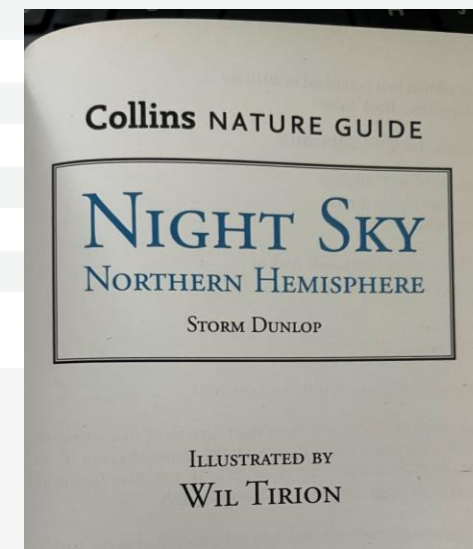
650 0 [1a](#) Stars

650 0 [1a](#) Constellations

650 0 [1a](#) Amateur astronomy

700 1 [1a](#) Tirion, Wil [1e](#) illustrator

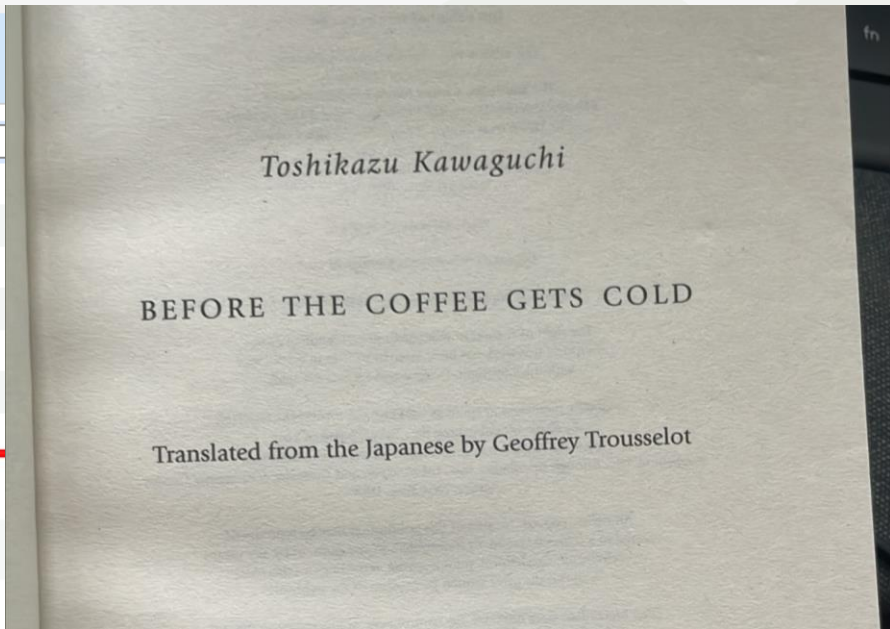
830 0 [1a](#) Collins nature guide



Before the coffee gets cold (991020292889105181)

Record New AI Generated 74 MARC21 Bib

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008	#####suuuu#####xx#####000#0#eng#d
020	1a 9781526610469
020	1a 97815266047126
020	1a 9781526604729
041	1a eng
100 1	1a Kawaguchi, Toshikazu
245 0 0	1a Before the coffee gets cold
264 1	1a London 1b Bloomsbury Publishing 1c 2021
300	1a 423 pages
336	1a text 1b bxt 12 rdacontent
337	1a unmediated 1b n 12 rdamedia
338	1a volume 1b nc 12 rdacarrier
520	1a AI Generated: In a small back alley in Tokyo, there is a café that has been serving careful travel back in time. In 'Before the Coffee Gets Cold,' we meet four visitors, each of whom is h husband whose memory has been taken by early-onset Alzheimer's, see their sister one last customers must sit in a particular seat, they cannot leave the café, and they must return to th would you change if you could travel back in time? 17 Generated by AI
588	1a Part of the metadata in this record was created with the help of AI
650	0 1a Time travel
650	0 1a Coffeehouses
650	0 1a Interpersonal relations
650	0 1a Japanese fiction
650	0 1a Fantasy fiction

































































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800	1_ 1a Kawaguchi, Toshikazu, d 1971- t Before the coffee gets cold series ; v bk. 2.

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Looking ahead



- NOT REPLACING EXPERTS!
- Use cases: Foreign languages, Gifts and donations, No other records available

Continuation of the early access project

LD Lili Daie · Sep 30 · Notified 57 people

Dear all,

We've been working for over a month, and it's been an intense - and very useful! - project. As we still need to improve the prompt further, I would like to continue this process, perhaps with more libraries to get more perspectives.

Could you please let me know if your library would like to continue taking part in the testing, and at what capacity, so I know how many new libraries I can add to the project?

Thanks!
Lili

Questions?

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