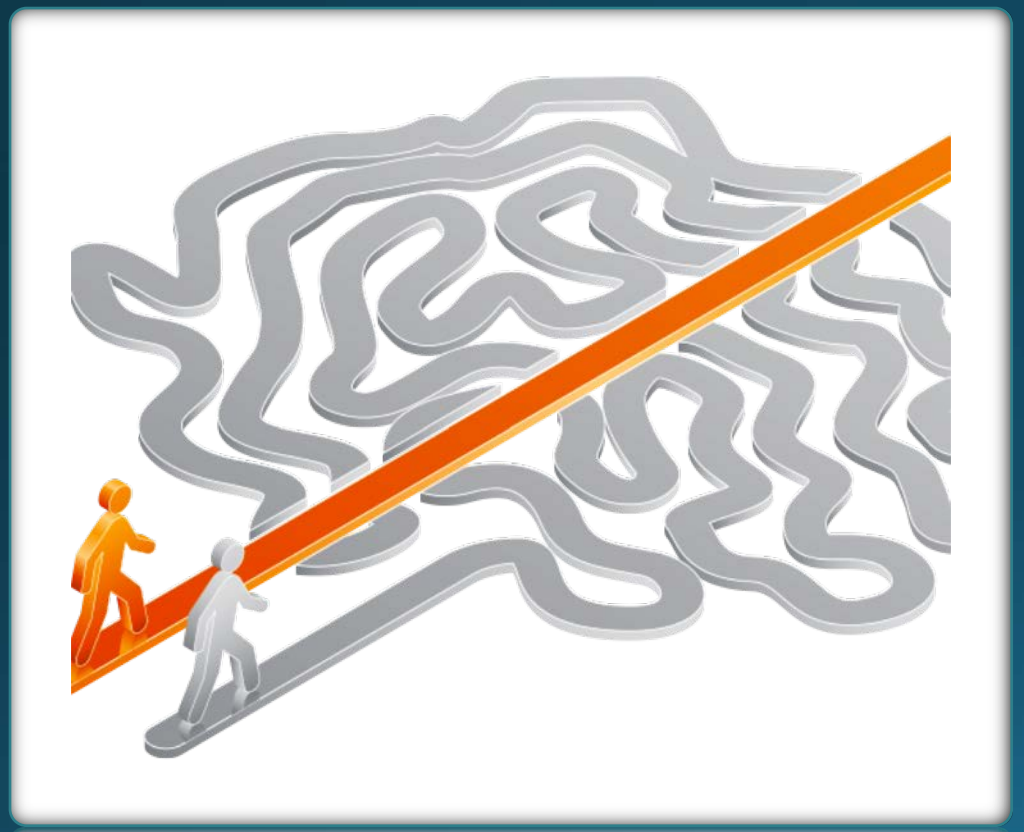
Third Iron

advanced library technologies

Using AI for the Fastest, Most Reliable Article Linking From Any Point of Discovery

Kendall Bartsch
Co-founder, CEO
kendall@thirdiron.com

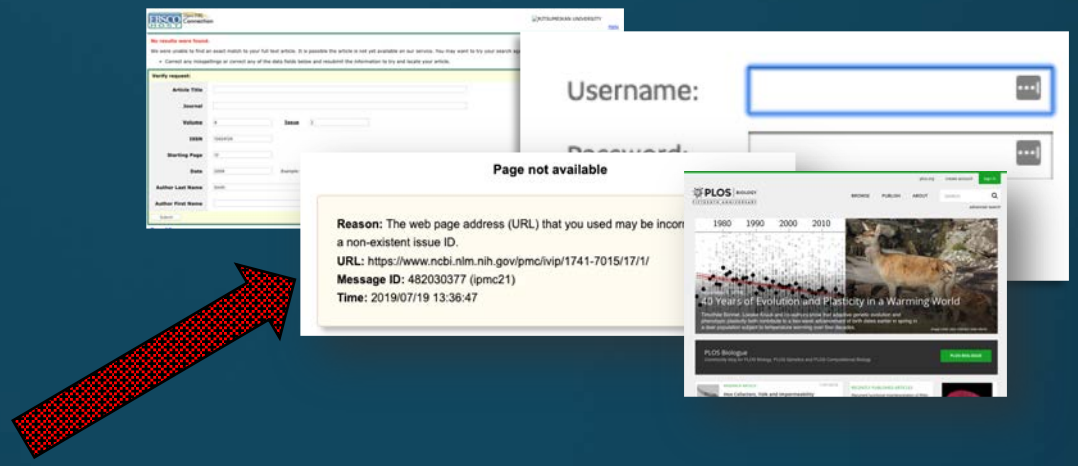
Third Iron Mission: Best Linking



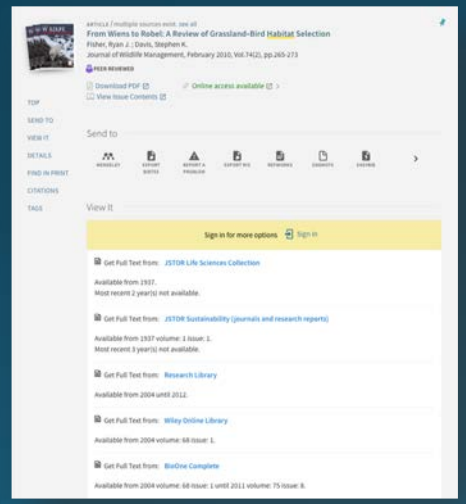
Use AI-based technology to provide the best, fastest, and most reliable links to full text articles from any point of discovery, in or outside the library

Facilitate use of LibKey by popular open web discovery services so researchers can easily connect to library content

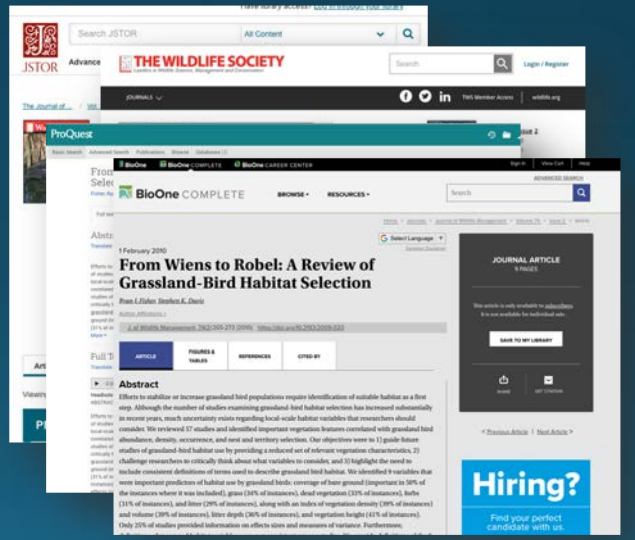
Link resolver fail points



Using link resolvers with library services



Overlapping sources filled with library jargon confuses users.

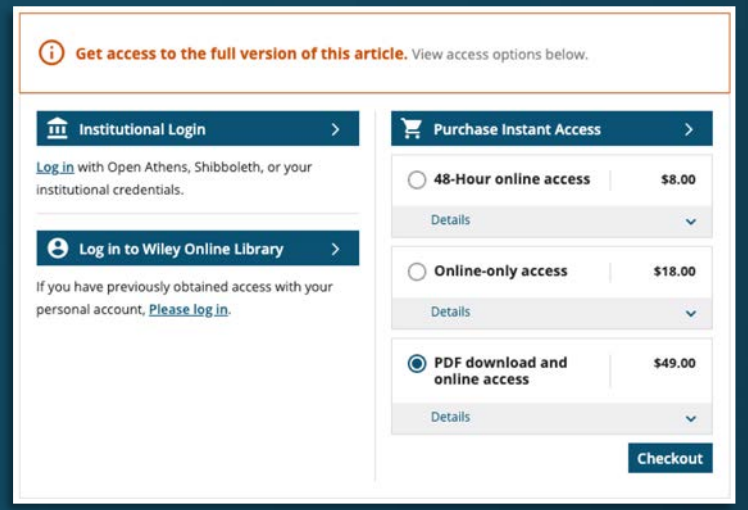


A different experience from different publishers, including pop-up ads adding clicks and confusion

PDF ultimately found… but at the expense of user time and frustration

Open web fail points

Open web sources



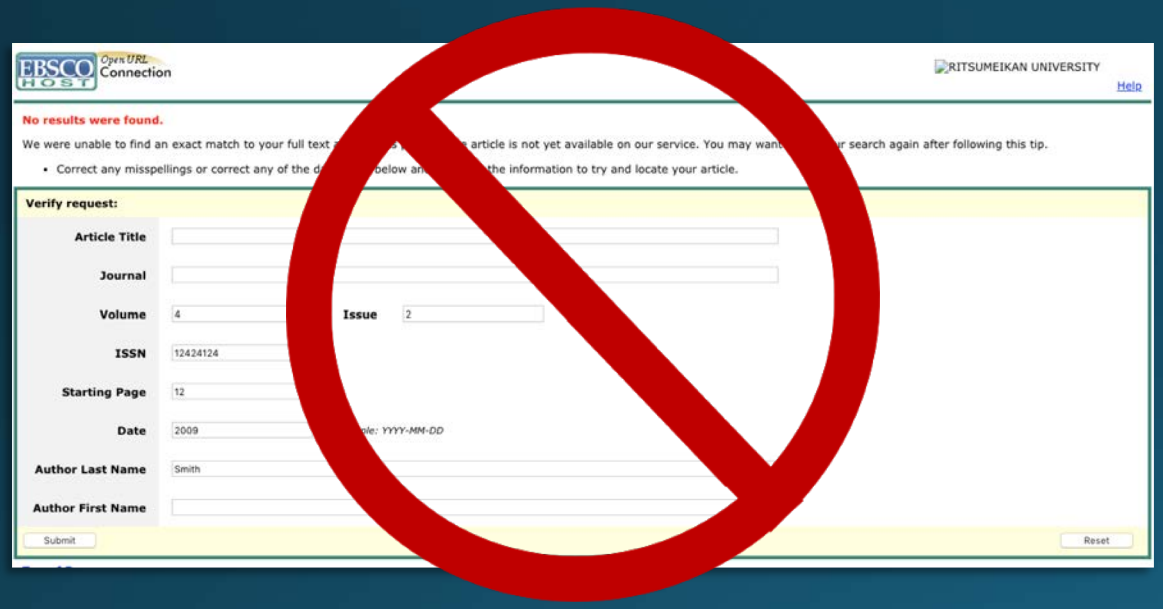
No apparent access options

Ignores aggregated sources

LibKey: New AI-based linking technology

- Identifier-based linking
- Draws on knowledge bases of library entitlements, authentication, open access availability, and retraction status
- Delivers one-click access to millions of subscribed and Open Access articles
- Links to best available source
- May be integrated in all library discovery services and databases

Prevents Common OpenURL Linking Errors



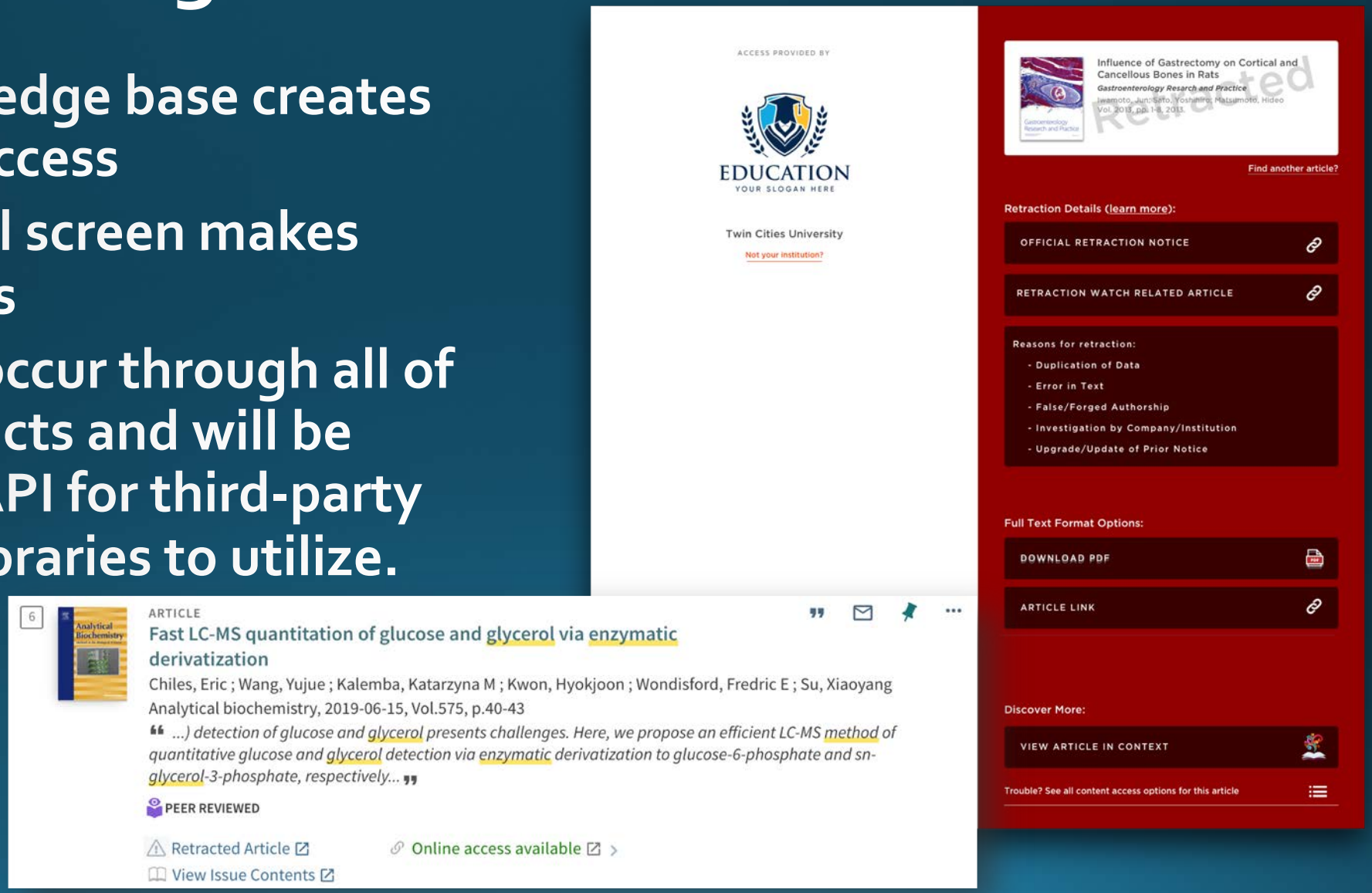
- Worked with EBSCO to develop a technology that confirms availability of article from EBSCO before a link is created
- Delivers significantly more reliable, faster linking directly to the PDF within EBSCOhost
- Intelligent link construction avoids OpenURL errors with content types such as articles in press

Comprehensive Open Access Linking

- Draw from multiple Open Access sources to create the most paths to content
- Linking available even if the library does not include the title in their A-Z source list
- Avoids dead link problems due to sources like DOAJ not reporting coverage information
- Analytics of Open Access usage

Retraction Alerting

- Retraction knowledge base creates alert at point of access
- Special interstitial screen makes retraction obvious
- Signposting will occur through all of Third Iron's products and will be available on the API for third-party developers and libraries to utilize.



LibKey with Library Services

Library Services:
Discovery,
Databases

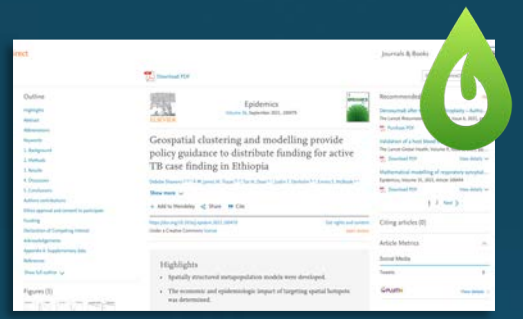
Fast, Reliable, One-Click Access to Content

Management and Conservation Article

From Wiens to Robel: A Review of Grassland-Bird Habitat Selection

Linking from Open Web sources

Open Web Sources



Scholarly webpages

Public discovery services

Popular New Public Discovery Services Using LibKey

LibKey with Library Services

Library Discovery Services, Databases

Fast, Reliable, One-Click Access to Content

Open Web Discovery

Management and Conservation Article

From Wiens to Robel: A Review of Grassland-Bird Habitat Selection

Management and Conservation Article

From Wiens to Robel: A Review of Grassland-Bird Habitat Selection

- ✓Saves researchers valuable time
- ✓Minimizes help desk requests
- ✓Reduces unnecessary ILL requests
- ✓Connects more users to library content
- ✓Keeps library at center of research workflow

Thank you!

Questions?

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