

BTAA E-Resources Accessibility Review

Vendor Response: University of Michigan Press Ebook Collection & Fulcrum

October 23, 2019

Edited with issue status updates on December 12, 2019

The Fulcrum Team would like to thank the BTAA E-Resource Accessibility Group for selecting the Fulcrum platform and University of Michigan Press Ebook Collection (UMP EBC) for testing and review, and for the opportunity to improve the accessibility of the Fulcrum platform and UMP EBC. We strongly support the BTAA's efforts to help ensure equitable access to library resources and view the third-party review program as a proactive measure to improve accessibility of library resources. The Fulcrum Team would also like to thank the third-party reviewer, Deque, for conducting the tests, creating reports, and for consultation and discussion around the reports.

Accessibility is a core value and design component of Fulcrum, the UMP EBC, and its parent organization Michigan Publishing. We are dedicated to creating inclusive services and content for all readers, and are constantly working to make Fulcrum and the UMP EBC as accessible and usable as possible.

The Fulcrum platform aims to meet the latest [WCAG 2 AA Standards](#) (currently WCAG 2.1 AA) in both the platform and its content. While we aim for WCAG 2.1 AA, we recognize that our platform may have accessibility issues such as those identified in the BTAA reports. Some of the report's issues were new, while others were known issues. We value these reports and plan to use them as an opportunity to make accessibility improvements to our platform and content, and are actively working to investigate and resolve identified issues.

In review of UMP EBC content, PDFs were selected to be reviewed and revealed several accessibility issues. While we recognize PDF as a highly used format, we believe the EPUB format - which is also supplied for every title - is more accessible than PDF and our efforts to produce accessible content, including creating descriptions of images, have focused solely on the EPUB format. As such, the accessible versions of books in UMP EBC are in EPUB format.

If your users need to be provided with an accessible version of a book, need assistance using the platform, or would like more information, please email fulcrum-info@umich.edu or visit <https://fulcrum.org/accessibility>.

List of issues and status of resolution

Below is a list of issues/violations identified in the Deque report, along with information on each issue's resolution and priority. **For the latest status of an issue follow the link in the Ticket column.**

Violation	Fulcrum Development Ticket	Status as of Dec. 12, 2019	Priority
SC 1.4.3 – Elements must have sufficient color contrast	HELIO-2951	Resolved	High
Best Practice (WCAG 2.0) - NVDA announces "Close" but visually on the screen the button text is "Got it"	HELIO-2950	Resolved	Medium
SC 4.1.2 – Screen reader users must be made aware when the elements under "Books" are expanded and collapsed	HELIO-2289	Resolved	High
SC 4.1.2 – when the "Author" modal presents (as well as other modals), a screen reader user must be made aware that a modal has opened	HELIO-2289	Resolved	High
SC 4.1.2 – when the "Author" modal presents, a screen reader user tabs through the elements, nothing is conveyed.	HELIO-2289	Resolved	High
SC 1.1.1 – The logo in the footer may be meaningful but is not conveyed to the screen reader user.	HELIO-2952	Resolved	Low
SC 2.4.3 – After "Subject" modal presents and closes, send focus back to the element that initiated the modal ("more")	HELIO-2289	Resolved	High
Best Practice – Combine book cover and title as one link	HELIO-2953	Resolved	Medium
SC 4.1.2 – ARIA attributes must conform to valid names	No ticket	Resolved	High
SC 2.1.1 – A keyboard only user must have the same functionality as a mouse user.	HELIO-2954	Resolved We have disabled the tooltips on Fulcrum until the third party has fixed the violation.	High - this failure comes from a third party tool
SC 2.4.7 – "Citations" does not have a focus indicator.	HELIO-2954	Contacted third party - resolution may not occur until Q2 2020 the earliest.	High - this failure comes from a third party tool

Violation	Fulcrum Development Ticket	Status as of Dec. 12, 2019	Priority
SC 2.1.1 – When using only your keyboard to arrow thru the "Table of Contents" and "Stats" tabs, the graphs do not present.	HELIO-2896	Resolved	High
SC 1.1.1 – The link for "Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International license" only conveys "license" to the screen reader user.	HELIO-2955	Resolved	Medium
1.3.1 – The elements starting with "ISBN(s)" visual appear and behave as headings but are not marked up as such	HELIO-2956	Open	Low
SC 2.4.1 – Frames must have title attribute	CSB-81	Resolved	High
SC 1.4.4 – Zooming and scaling must not be disabled	HELIO-2957	Open	Low
SC 4.1.2 – When adjusting the slide, the new information concerning location and percentage is not announced to the screen reader user	CSB-181	Resolved	High
PDF Report	N/A	In progress	High - Working with our PDF vendor to make adjustments to our workflow that would improve the overall accessibility of most PDF titles.