[JapanKnowledge] Accessibility Conformance Report

WCAG Edition

(Based on VPAT® Version 2.5Rev)

Name of Product/Version:

JapanKnowledge Lib Basic Search Screen
(https://japanknowledge.com/lib/search/basic/index.html?q1=%E5%AF%8C%E5%A3%AB%E5%B1%B1&r1=1&phrase=0&sort=1&rows=20&pageno=1&s=s)

*The URL displayed may vary depending on your purchase status or identifying information.

Report Date:

October 31, 2025

Product Description:

JapanKnowledge Lib Basic Search Screen
(https://japanknowledge.com/lib/search/basic/index.html?q1=%E5%AF%8C%E5%A3%AB%E5%B1%B1&r1=1&phrase=0&sort=1&rows=20&pageno=1&s=s)
allows you to enter keywords and perform a comprehensive search across more than 80 reliable content sources, providing you with valuable knowledge and information. By narrowing your search criteria, you can obtain more relevant and accurate results.

Contact Information:

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Notes:

The evaluation of JapanKnowledge Lib Basic Search Screen (https://japanknowledge.com/lib/search/basic/index.html?q1=%E5%AF%8C%E5%A3%AB%E5%B1%B1&r1=1&phrase=0&sort=1&rows=20&pageno=1&s=s) and this subsequent report were conducted independently by Concent Inc (https://www.concentinc.jp/).

Evaluation Methods Used:

macOS VoiceOver x Chrome

・Manual Testing : Keyboard-only use on Chrome (macOS)

・Automated Testing : axe DevTools (Chrome Extension)

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes)
	Level AA (Yes)
	Level AAA (No)
Web Content Accessibility Guidelines 2.1	Level A (Yes)
	Level AA (Yes)
	Level AAA (No)

Standard/Guideline	Included In Report
[Web Content Accessibility Guidelines 2.2](#)	Level A (Yes)
	Level AA (Yes)
	Level AAA (No)

Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports**: The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.

- **Partially Supports**: Some functionality of the product does not meet the criterion.

- **Does Not Support**: The majority of product functionality does not meet the criterion.

- **Not Applicable**: The criterion is not relevant to the product.

- **Not Evaluated**: The product has not been evaluated against the criterion. This can only be used in WCAG Level AAA criteria.

WCAG 2.x Report

Note: When reporting on conformance with the WCAG 2.x Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.0 Conformance Requirements](#).

Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Does Not Support	**Appropriate alternative text is not provided for image (img) elements.** Within each item in the search results list, there are three images (img elements) that appear to serve as indicators that the corresponding page contains visual content. However, these images lack appropriate alternative text (alt attributes). ◆ Please note that some of these issues will remain unaddressed even after the website renewal scheduled for August 2026.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Not Applicable	
1.2.2 Captions (Prerecorded) (Level A)	Not Applicable	
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Not Applicable	
1.3.1 Info and Relationships (Level A)	Does Not Support	**No landmark roles are defined.** Although landmarks could be defined for the following sections of the page, no elements indicating such landmarks have been implemented: ・Header area ・Main content area ・Widget area ・Search area ・Navigation area

Criteria	Conformance Level	Remarks and Explanations
		There are no heading elements present on the page. There are no heading elements (h1–h6) present within the page. For example, the following areas are considered appropriate candidates for headings: ・Titles of search result items ・Widget titles **The relationships within the list displayed in the search results are difficult to understand.** The list of search results is structured entirely using div elements, without indicating the hierarchical or parallel relationships between individual items. **Table elements are being used in areas that are not tables.** In the following areas, table elements are used despite the content not being tabular: ・Group of input fields in the basic search ・Pager ◆This will be addressed in the website renewal scheduled for August 2026.
[1.3.2 Meaningful Sequence](#) (Level A)	Supports	
[1.3.3 Sensory Characteristics](#) (Level A)	Does Not Support	**[PC Display Only]** **The reference to the target relies on visual layout.** The content displayed upon pressing the guide button within the header is presented as an overlay on top of the existing page content.

Criteria	Conformance Level	Remarks and Explanations
		◆ Please note that this functionality will be discontinued following the website renewal scheduled for August 2026, as it will no longer be implemented.
1.4.1 Use of Color (Level A)	Does Not Support	**There is a possibility that the meaning of sections presented by color alone may not be understood.** In the following areas, the indication of items currently relies solely on color: ・Basic Search In the "Snippet" button displayed at the top of the search results list, the pressed state is also indicated only by a color change. ◆ These issues are planned to be addressed in the website renewal scheduled for August 2026.
1.4.2 Audio Control (Level A)	Not Applicable	
2.1.1 Keyboard (Level A)	Does Not Support	**[PC Display Only]** **There are functions that cannot be operated using only a keyboard.** The following elements are interactive; however, they do not receive keyboard focus, rendering them inaccessible via keyboard-only operation: ・"Snippet" button (within search results) ・"▲" and "▼" buttons (within widgets) ・"+" and "−" buttons (within widgets) ・Guide" button

Criteria	Conformance Level	Remarks and Explanations
		◆These issues are planned to be addressed in the website renewal scheduled for August 2026. The "Guide" button will be excluded after the website renewal in August 2026, as this feature will not be implemented. **[SP Display Only]** **There are functions that cannot be operated using keyboard-only input.** The following elements are interactive; however, they do not receive keyboard focus, making them inaccessible through keyboard-only operation: ・Search Results" and "Search Options" tab UI ・earch results display options menu button (located at the beginning of the search results content) ◆The "Search Results" and "Search Options" tab UI will be replaced with an accessibility-compliant UI during the website renewal scheduled for August 2026. The "Search Results Display Options Menu" button is also planned to be addressed during the website renewal in August 2026.
2.1.2 No Keyboard Trap (Level A)	Supports	
2.1.4 Character Key Shortcuts (Level A 2.1 and 2.2)	Not Applicable	
2.2.1 Timing Adjustable (Level A)	Not Applicable	
2.2.2 Pause, Stop, Hide (Level A)	Not Applicable	
2.3.1 Three Flashes or Below Threshold (Level A)	Not Applicable	
2.4.1 Bypass Blocks (Level A)	Does Not Support	**There is no means to quickly navigate to the main content.**

Criteria	Conformance Level	Remarks and Explanations
		Each page provides the main content immediately following the header; however, neither h1 elements nor the main landmark are utilized, and no mechanism is provided to allow users to quickly navigate to the main content area within the page. ◆ This issue is scheduled to be addressed in the website renewal planned for August 2026.
[2.4.2 Page Titled](#) (Level A)	Supports	
[2.4.3 Focus Order](#) (Level A)	Does Not Support	**Keyboard focus is not properly managed, making it impossible to use the function that returns to the top of the page (in-page navigation).** When using the "Back to Top" link, the screen scrolls; however, during keyboard operation, the focus remains on the original location. As a result, the "Back to Top" function is effectively unusable via keyboard navigation. ◆ This issue is scheduled to be addressed in the website renewal planned for August 2026.
[2.4.4 Link Purpose (In Context)](#) (Level A)	Does Not Support	**The link text does not sufficiently indicate the destination.** **In the pager section, links are presented using numbers only.** The relevant section is not identified as a pager (navigation), and sufficient information indicating the link destinations is not provided. ◆ This issue is scheduled to be addressed in the website renewal planned for August 2026.
[2.5.1 Pointer Gestures](#) (Level A 2.1 and 2.2)	Not Applicable	
[2.5.2 Pointer Cancellation](#) (Level A 2.1 and 2.2)	Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
2.5.3 Label in Name (Level A 2.1 and 2.2)	Not Applicable	
2.5.4 Motion Actuation (Level A 2.1 and 2.2)	Not Applicable	
3.1.1 Language of Page (Level A)	Does Not Support	**The primary language of the page is not properly specified.** The html element has a lang attribute set; however, since the language attribute contains multiple values such as "ja ja," there is a possibility that automated systems may not correctly identify the primary language. ◆ This issue is scheduled to be addressed in the website renewal planned for August 2026.
3.2.1 On Focus (Level A)	Supports	
3.2.2 On Input (Level A)	Does Not Support	**Users may become confused when the screen content is immediately reloaded after inputting data into a form field.** In the following input fields, the screen is immediately reloaded upon selection: ・Dropdown menu (used for changing the display order in the search results list) ・Checkboxes (within widgets) ◆ These issues are planned to be addressed in the website renewal scheduled for August 2026. For the dropdown menu, immediate updates will be announced via screen reader in advance. The checkboxes will be modified so that the screen no longer reloads immediately upon selection.
3.2.6 Consistent Help (Level A 2.2 only)	Supports	
3.3.1 Error Identification (Level A)	Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
3.3.2 Labels or Instructions (Level A)	Supports	
3.3.7 Redundant Entry (Level A 2.2 only)	Not Applicable	

4.1.1 Parsing (Level A)
    WCAG 2.0 and 2.1 – Always answer 'Supports'
    WCAG 2.2 (obsolete and removed) - Does not apply
	Supports	For WCAG 2.0 and 2.1, the September 2023 errata update indicates this criterion is always supported. See the WCAG 2.0 Editorial Errata and the WCAG 2.1 Editorial Errata.

4.1.2 Name, Role, Value (Level A)	Does Not Support	**The UI does not provide accessible names that assistive technologies can recognize.** The following input fields do not provide accessible names that can be recognized by assistive technologies such as screen readers: ➢ Basic search input fields ・Search scope dropdown ・Search word text input field ➢ Search results list display options ・"Relevance order" and "Number of items displayed" dropdown menus **Custom UI components do not convey their roles or states to assistive technologies.** The following components contain roles or states that cannot be expressed using standard HTML elements; however, content using WAI-ARIA to convey these has not been implemented: ・Widget toggle UI ・Search results display options menu (SP display only)

Criteria	Conformance Level	Remarks and Explanations
		・Tab UI (SP display only) ◆These issues are planned to be addressed in the website renewal scheduled for August 2026. Regarding the "Tab UI (SP display only)," it will be replaced with an accessibility-compliant UI during the website renewal in August 2026.

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not Applicable	
1.2.5 Audio Description (Prerecorded) (Level AA)	Not Applicable	
1.3.4 Orientation (Level AA 2.1 and 2.2)	Supports	
1.3.5 Identify Input Purpose (Level AA 2.1 and 2.2)	Not Applicable	
1.4.3 Contrast (Minimum) (Level AA)	Does Not Support	**The text contrast is insufficient, which may make the text difficult to read.** In the following areas, the contrast ratio between the text color and the background color is less than 4.5:1. ➢ Light purple text on a purple background (approximately 4.19:1) ・"Bookshelf" and "Advanced Search" (hover state only) ・Other items that are additionally displayed on hover of the above-mentioned items (hover state only)

Criteria	Conformance Level	Remarks and Explanations
		➢ Gray text on a white background (approximately 2.8:1) ・Content names such as "Edo Meisho Zue"(within each item of the search results) ➢ White text on a gold background (approximately 3.5:1) ・The "Map" tag (within the search result items) ➢ Light purple text on a purple background (approximately 3.2:1) ・The "Reset" button (within the widget) ➢ Orange text on a white background (approximately 3.5:1) ・All link areas (on hover) **[SP Display Only]** **The text contrast is insufficient, which may make the text difficult to read.** In the following areas, the contrast ratio between the text color and background color is less than 4.5:1. ➢ Gray text on a light gray background (approximately 2.4:1) ・Non-selected tabs in the content switching tab UI ◆It is scheduled to be addressed in the website renewal in August 2026.
1.4.4 Resize text (Level AA)	Supports	

Criteria	Conformance Level	Remarks and Explanations
[1.4.5 Images of Text](#) (Level AA)	Supports	
[1.4.10 Reflow](#) (Level AA 2.1 and 2.2)	Does Not Support	**When the content is enlarged up to 400%, some parts become difficult to read.** At 400% zoom on a 1280px-wide page (displayed as approximately 320px wide), the back-to-top link partially obscures some footer text. ◆It is scheduled to be addressed during the site renewal in August 2026.
[1.4.11 Non-text Contrast](#) (Level AA 2.1 and 2.2)	Does Not Support	**An object to support UI recognition is not provided (due to insufficient contrast).** Each item within the widget is presented as a checkbox. When an item is not selected, there is no visual indicator to clearly identify it as a checkbox, making it difficult for users to understand its function. (Once selected, a checkmark with a contrast ratio of 3:1 or higher is displayed, so there is no issue in that state.) ◆It is scheduled to be addressed during the site renewal in August 2026.
[1.4.12 Text Spacing](#) (Level AA 2.1 and 2.2)	Supports	
[1.4.13 Content on Hover or Focus](#) (Level AA 2.1 and 2.2)	Does Not Support	**[PC Display Only]** **Content displayed on hover cannot be dismissed without moving the pointer.** In the following areas, submenus are triggered by hovering the pointer. However, after the submenu is displayed, there is no way to hide it without moving the pointer, which may impact usability. ・Advanced Search

Criteria	Conformance Level	Remarks and Explanations
		・Bookshelf ◆Since the design will be changed after the website renewal in August 2026, the hover-triggered menu display will not be implemented (this feature will not be included).
2.4.5 Multiple Ways (Level AA)	Supports	
2.4.6 Headings and Labels (Level AA)	Supports	
2.4.7 Focus Visible (Level AA)	Does Not Support	**There is no visual change on keyboard focus, making it difficult to identify the current point of interaction.** The areas listed below do not exhibit any visual change when keyboard focus is applied. ➢ Various selection items within the widget ・" Encyclopedia Nipponica etc. ◆It is scheduled to be addressed during the site renewal in August 2026.
2.4.11 Focus Not Obscured (Minimum) (Level AA 2.2 only)	Does Not Support	**[SP Display Only]** **When the hamburger menu is opened, advancing the keyboard focus causes the focus to be hidden.** While using the keyboard, when the menu in the header is open and the Tab key is pressed to move through the content, the tab focus moves outside of the menu, resulting in the tab focus being completely obscured by the menu. ◆It is scheduled to be addressed during the site renewal in August 2026.
2.5.7 Dragging Movements (Level AA 2.2 only)	Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
[2.5.8 Target Size (Minimum)](#) (Level AA 2.2 only)	Does Not Support	**The clickable area is not large enough, which may lead to accidental actions.** The areas listed below do not provide sufficient size for the clickable area (at least 24px by 24px): ・The "＋" and "－" buttons (the expand/collapse buttons in the widget title) ・" Encyclopedia Nipponica" and "Encyclopedia of Japan" (subitems within the widget) **[SP Display Only]** **The clickable area is not sufficiently sized, which could lead to accidental interactions.** In the footer, the link items such as "Recommended Environment" do not provide sufficient link size when viewed at the expected minimum size (320px width). ◆It is scheduled to be addressed during the site renewal in August 2026.
[3.1.2 Language of Parts](#) (Level AA)	Does Not Support	**There is no language information provided for areas that use a language different from the page's primary language.** In the language links within the header, a language different from the page's primary language (English) is used, but the language attribute is not specified. ◆Some issues will not be addressed even after the website renewal in August 2026.
[3.2.3 Consistent Navigation](#) (Level AA)	Supports	
[3.2.4 Consistent Identification](#) (Level AA)	Supports	
[3.3.3 Error Suggestion](#) (Level AA)	Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Not Applicable	
3.3.8 Accessible Authentication (Minimum) (Level AA 2.2 only)	Not Applicable	
4.1.3 Status Messages (Level AA 2.1 and 2.2)	Not Applicable	

Table 3: Success Criteria, Level AAA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.6 Sign Language (Prerecorded) (Level AAA)		
1.2.7 Extended Audio Description (Prerecorded) (Level AAA)		
1.2.8 Media Alternative (Prerecorded) (Level AAA)		
1.2.9 Audio-only (Live) (Level AAA)		
1.3.6 Identify Purpose (Level AAA 2.1 and 2.2)		
1.4.6 Contrast (Enhanced) (Level AAA)		
1.4.7 Low or No Background Audio (Level AAA)		
1.4.8 Visual Presentation (Level AAA)		
1.4.9 Images of Text (No Exception) (Level AAA)		
2.1.3 Keyboard (No Exception) (Level AAA)		
2.2.3 No Timing (Level AAA)		
2.2.4 Interruptions (Level AAA)		
2.2.5 Re-authenticating (Level AAA)		
2.2.6 Timeouts (Level AAA 2.1 and 2.2)		
2.3.2 Three Flashes (Level AAA)		
2.3.3 Animation from Interactions (Level AAA 2.1 and 2.2)		
2.4.8 Location (Level AAA)		
2.4.9 Link Purpose (Link Only) (Level AAA)		
2.4.10 Section Headings (Level AAA)		

Criteria	Conformance Level	Remarks and Explanations
2.4.12 Focus Not Obscured (Enhanced) (Level AAA 2.2 only)		
2.4.13 Focus Appearance (Level AAA 2.2 only)		
2.5.5 Target Size (Level AAA 2.1 and 2.2)		
2.5.6 Concurrent Input Mechanisms (Level AAA 2.1 and 2.2)		
3.1.3 Unusual Words (Level AAA)		
3.1.4 Abbreviations (Level AAA)		
3.1.5 Reading Level (Level AAA)		
3.1.6 Pronunciation (Level AAA)		
3.2.5 Change on Request (Level AAA)		
3.3.5 Help (Level AAA)		
3.3.6 Error Prevention (All) (Level AAA)		
3.3.9 Accessible Authentication (Enhanced) (Level AAA 2.2 only)		

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