

[JapanKnowledge] Accessibility Conformance Report

WCAG Edition

(Based on VPAT® Version 2.5Rev)

Name of Product/Version:

JapanKnowledge Lib Main Text Screen (<https://japanknowledge.com/lib/display/?lid=1001000201573>)

Report Date:

October 31, 2025

Product Description:

When you click on an item from the search results list, the main text screen for that item will be displayed. The diagnosis conducted this time is for the main text screen of the Encyclopedia Nipponica when searching for the keyword "Mount Fuji"

(<https://japanknowledge.com/lib/display/?lid=1001000201573>).

Contact Information:

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Notes:

The evaluation of JapanKnowledge Lib Main Text Screen (<https://japanknowledge.com/lib/display/?lid=1001000201573>) 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)
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)	Supports	
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	<p>Landmarks are not used. It is considered that landmarks could be specified in the following areas of the page; however, no elements indicating landmarks have been utilized:</p> <ul style="list-style-type: none"> • Header region • Main content region • Widget region • Search region • Navigation region <p>There are no heading elements present on the page. There are no heading elements (h1–h6) present on the page.</p> <p>For example, the following sections could be considered as headings:</p> <ul style="list-style-type: none"> • Titles of search result items • Titles of widgets <p>The list structure within the main body of the article cannot be identified.</p>

Criteria	Conformance Level	Remarks and Explanations
		<p>The content presented under the h2 heading "World Heritage Registration" appears to consist of list items that represent hierarchical and parallel relationships, such as "(1)" and "(1-1)". However, these items are not marked up using appropriate list elements.</p> <p>◆ This issue is scheduled to be addressed in the website renewal planned for August 2026.</p>
1.3.2 Meaningful Sequence (Level A)	Supports	
1.3.3 Sensory Characteristics (Level A)	Does Not Support	<p>[PC Display Only] The target is indicated based on its visual positioning. The content displayed after pressing the guide button is overlaid on top of the existing page content.</p> <p>◆ This will no longer apply after the website renewal in August 2026, as this feature will not be implemented.</p>
1.4.1 Use of Color (Level A)	Does Not Support	<p>Due to insufficient UI contrast, there is a possibility that the relevant areas may be overlooked. In the following UI elements, the selected state of the buttons is indicated solely by color:</p> <ul style="list-style-type: none"> • Knowledge Searcher button • Knowledge Searcher icon <p>◆ This will no longer apply after the website renewal in August 2026, as this feature will not be included.</p>
1.4.2 Audio Control (Level A)	Not Applicable	
2.1.1 Keyboard (Level A)	Does Not Support	<p>[PC Display Only] There are functions that cannot be operated using keyboard-only input.</p>

Criteria	Conformance Level	Remarks and Explanations
		<p>The following element is intended to be operable; however, since it does not receive keyboard focus, it cannot be used with keyboard-only operation:</p> <ul style="list-style-type: none"> • "Guide" button <p>◆This will no longer apply after the website renewal in August 2026, as this feature will not be included.</p> <p>There are functions that cannot be operated using keyboard-only input.</p> <p>The following elements are intended to be operable; however, since they do not receive keyboard focus, they cannot be used with keyboard-only operation:</p> <ul style="list-style-type: none"> • "▲" and "▼" buttons (within the article body and widgets) • The toggle button for the tool located at the bottom-left corner of the window <p>◆This issue is scheduled to be addressed in the website renewal planned for August 2026.</p>
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	<p>There is no immediate way to navigate directly to the main content.</p> <p>Each page provides the main content immediately after the header; however, neither h1 elements nor main landmarks are used, and no means is provided to</p>

Criteria	Conformance Level	Remarks and Explanations
		<p>quickly navigate to the main content area within the page.</p> <p>◆ This issue is scheduled to be addressed in the website renewal planned for August 2026.</p>
2.4.2 Page Titled (Level A)	Supports	
2.4.3 Focus Order (Level A)	Does Not Support	<p>Keyboard focus is not properly managed, making it impossible to use the function to return to the top of the page (in-page navigation).</p> <p>The page top link causes the screen to scroll after activation; however, during keyboard operation, the focus remains on the original element. As a result, the "Return to Top" function cannot be effectively utilized.</p> <p>After using an internal page link, the keyboard focus does not move.</p> <p>The link items contained within the "Table of Contents" widget are internal page links that navigate to the corresponding sections of the main content; however, during keyboard operation, the tab focus does not move to the targeted section.</p> <p>◆ This issue is scheduled to be addressed in the website renewal planned for August 2026.</p>
2.4.4 Link Purpose (In Context) (Level A)	Supports	
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	
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	<p>The primary language of the page is not properly indicated.</p> <p>The lang attribute is set on the HTML element; however, since multiple language values such as "ja ja"</p>

Criteria	Conformance Level	Remarks and Explanations
		<p>are specified, there is a possibility that machines may not correctly identify the primary language.</p> <p>◆ This issue is scheduled to be addressed in the website renewal planned for August 2026.</p>
3.2.1 On Focus (Level A)	Supports	
3.2.2 On Input (Level A)	Supports	
3.2.6 Consistent Help (Level A 2.2 only)	Supports	
3.3.1 Error Identification (Level A)	Not Applicable	
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	<p>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.</p>
4.1.2 Name, Role, Value (Level A)	Does Not Support	<p>No accessible name is provided for the UI elements that can be recognized by assistive technologies. The following input fields do not provide accessible names recognizable by assistive technologies such as screen readers:</p> <ul style="list-style-type: none"> • Text input field for in-content search <p>Custom UI components do not convey their roles or states to assistive technologies. The following elements contain roles or states that cannot be expressed using standard HTML elements; however, content presentation using WAI-ARIA is not implemented:</p>

Criteria	Conformance Level	Remarks and Explanations
		<ul style="list-style-type: none"> Expand/collapse UI of widgets (within facets, and the tool group at the bottom-left corner of the window) <p>◆This issue is scheduled to be addressed in the website renewal planned for August 2026.</p>

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	<p>The text contrast is insufficient, which may cause the text to be unreadable.</p> <p>The following elements have a text color and background color contrast ratio below 4.5:1:</p> <ul style="list-style-type: none"> ➤ Light purple text on purple background (approximately 4.19:1) • "Bookshelf" and "Advanced Search" (only on hover) <p>Other items displayed additionally on hover over the above elements (also only on hover)</p> <p>[SP Display Only] The text contrast is insufficient, which may cause readability issues.</p>

Criteria	Conformance Level	Remarks and Explanations
		<p>The following elements have a text color and background color contrast ratio below 4.5:1:</p> <ul style="list-style-type: none"> ➤ Gray text on a light gray background (approximately 2.4:1) • Unselected items in the content switch tabs <p>◆ This issue is scheduled to be addressed in the website renewal planned for August 2026.</p>
1.4.4 Resize text (Level AA)	Supports	
1.4.5 Images of Text (Level AA)	Supports	
1.4.10 Reflow (Level AA 2.1 and 2.2)	Does Not Support	<p>When the content is zoomed in up to 400%, some parts become difficult to read.</p> <p>When the page is zoomed to 400% at a width of 1280px (equivalent to a 320px width display), the page top link obscures part of the text in the footer.</p> <p>◆ This issue is scheduled to be addressed in the website renewal planned for August 2026.</p>
1.4.11 Non-text Contrast (Level AA 2.1 and 2.2)	Does Not Support	<p>Due to insufficient contrast in the UI, there is a risk that relevant areas may be overlooked.</p> <p>The following UI elements do not have sufficient contrast (at least 3:1) between the UI and the background:</p> <ul style="list-style-type: none"> • "▲" and "▼" buttons (within the article body and the "Previous/Next Items" widget) • The toggle button for the tool located at the bottom-left corner of the window <p>◆ This issue is scheduled to be addressed in the website renewal planned for August 2026.</p>

Criteria	Conformance Level	Remarks and Explanations
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)	Not Applicable	
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	<p>There is no visible change on keyboard focus, making it difficult to identify the current focus location. The following elements do not exhibit any visual change when keyboard focus is applied:</p> <ul style="list-style-type: none"> • Knowledge Searcher icon button (within the tool located at the bottom-left corner of the window) <p>◆This will no longer apply after the website renewal in August 2026, as this feature will not be implemented.</p>
2.4.11 Focus Not Obscured (Minimum) (Level AA 2.2 only)	Does Not Support	<p>[SP Display Only] When the hamburger menu is open, advancing keyboard focus causes the focus to become hidden. When using the keyboard, if the menu within the header is open and the tab key is pressed to navigate through the content, the tab focus moves outside the menu. As a result, the focused element is completely hidden by the menu.</p> <p>The focus area is entirely obscured by an element displayed overlapping the content. The 'Tools' widget, located at the bottom-left corner of the window, is displayed so that it overlaps other content. Therefore, for certain elements such as the footer, when they receive focus, the focused area is completely obscured by the said widget.</p>

Criteria	Conformance Level	Remarks and Explanations
		◆This issue is scheduled to be addressed in the website renewal planned for August 2026.
2.5.7 Dragging Movements (Level AA 2.2 only)	Supports	
2.5.8 Target Size (Minimum) (Level AA 2.2 only)	Does Not Support	<p>Since the clickable area is not sufficiently sized, there is a possibility of erroneous operations. The following areas do not have sufficiently sized clickable regions (at least 24px by 24px):</p> <ul style="list-style-type: none"> • Text links (within "Previous/Next Items," "Table of Contents," and "Related Items") <p>[SP Display Only] Since the clickable areas are not adequately sized, there is a risk of unintended operations. In the footer section, the individual link items such as "Recommended Environment" do not have sufficiently sized clickable areas when viewed at the minimum expected width of 320px.</p> <p>◆This issue is scheduled to be addressed in the website renewal planned for August 2026.</p>
3.1.2 Language of Parts (Level AA)	Does Not Support	<p>Language information is not specified for sections using a language different from the main language of the page. The language links within the header use a language different from the main language of the page (English), but the language attribute is not specified.</p> <p>◆Some issues will remain unresolved even after the website renewal in August 2026.</p>
3.2.3 Consistent Navigation (Level AA)	Supports	
3.2.4 Consistent Identification (Level AA)	Supports	

Criteria	Conformance Level	Remarks and Explanations
3.3.3 Error Suggestion (Level AA)	Not Applicable	
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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