

The Lyell Collection Accessibility Conformance Report

International Edition

VPAT® Version 2.3 (Revised) – April 2019

Name of Product/Version: The Lyell Collection

Product Description: web-based content repository for earth science literature

Report Date: June 2021

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Notes: This report covers accessibility conformance for The Lyell Collection website

Evaluation Methods Used: Testing was carried out using the Wave, Axe and Chrome Inspect tools, Adobe Acrobat DC, NVDA, VoiceOver, and the Select and Speak - Text to Speech (Google Chrome extension) in Windows 10.

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 Not evaluated
Web Content Accessibility Guidelines 2.1	Level A (Yes) Level AA (Yes) Level AAA (No)

Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018	Yes
EN 301 549 Accessibility requirements suitable for public procurement of ICT products and services in Europe , - V3.1.1 (2019-11)	Yes

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 be used only in WCAG 2.0 Level AAA.

WCAG 2.x Report

Tables 1 and 2 also document conformance with:

- EN 301 549: Chapter 9 - Web, Sections 10.1-10.4 of Chapter 10 - Non-Web documents, and Sections 11.1-11.4 and 11.8.2 of Chapter 11 - Non-Web Software (open and closed functionality), and Sections 12.1.2 and 12.2.4 of Chapter 12 – Documentation
- Revised Section 508: Chapter 5 – 501.1 Scope, 504.2 Content Creation or Editing, and Chapter 6 – 602.3 Electronic Support Documentation.

Note: When reporting on conformance with the WCAG 2.3 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
<p>1.1.1 Non-text Content (Level A)</p> <p>Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.1.1.1 (Web) • 10.1.1.1 (Non-web document) • 11.1.1.1.1 (Open Functionality Software) • 11.1.1.1.2 (Closed Functionality Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Partially supports</p>	<p>The Lyell Collection uses standard HTML and WAI-ARIA techniques for providing text equivalents of non-text elements. This includes the use of “alt” attributes for images and the use of “aria-role” or “aria-describedby” attributes for other visual elements.</p> <p>Our research content does not currently use alternative image text because the images are scientific figures, which have separate explanatory captions. Additionally, the Society’s logo in the page footer has not alt text. On the homepages, carousel alternative text does not provide all text in images. The CrossMark logo on articles pages does not have alt text.</p>
<p>1.2.1 Audio-only and Video-only (Prerecorded) (Level A)</p> <p>Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.1.2.1 (Web) • 10.1.2.1 (Non-web document) • 11.1.2.1.1 (Open Functionality Software) • 11.1.2.1.2.1 and 11.1.2.1.2.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Not Applicable: The criterion is not relevant to the product.</p>	
<p>1.2.2 Captions (Prerecorded) (Level A)</p> <p>Also applies to: EN 301 549 Criteria</p>	<p>Not Applicable: The criterion is not relevant to the product.</p>	

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> • 9.1.2.2 (Web) • 10.1.2.2 (Non-web document) • 11.1.2.2 (Open Functionality Software) • 11.1.2.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 		
<p><u>1.2.3 Audio Description or Media Alternative (Prerecorded)</u> (Level A)</p> <p>Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.1.2.3 (Web) • 10.1.2.3 (Non-web document) • 11.1.2.3.1 (Open Functionality Software) • 11.1.2.3.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Not Applicable: The criterion is not relevant to the product.</p>	
<p><u>1.3.1 Info and Relationships</u> (Level A)</p> <p>Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.1.3.1 (Web) • 10.1.3.1 (Non-web document) • 11.1.3.1.1 (Open Functionality Software) • 11.1.3.1.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) 	<p>Partially supports</p>	<p>The Lyell Collection contains semantically correct markup so that information, structure, and relationships can be understood independent of presentation. However, some standalone box headings are incorrect (e.g. search results page; article page). The feedback page has a form which is missing fieldset and legend to group multiple radio buttons. The PDFs are untagged.</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> • 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 		
<p>1.3.2 Meaningful Sequence (Level A)</p> Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> • 9.1.3.2 (Web) • 10.1.3.2 (Non-web document) • 11.1.3.2.1 (Open Functionality Software) • 11.1.3.2.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Partially supports	The Lyell Collection contains semantically correct markup to allow assistive technologies to interpret the meaning of content and controls. Screen readers read content in an appropriate order when the order is important or conveys meaning with the exception that on homepages the carousel content is read out twice.
<p>1.3.3 Sensory Characteristics (Level A)</p> Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> • 9.1.3.3 (Web) • 10.1.3.3 (Non-web document) • 11.1.3.3 (Open Functionality Software) • 11.1.3.3 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	The Lyell Collection does not depend solely on sensory characteristics such as shape, size, visual location, orientation or sound to understand content. For example, while labels and instructions display in close proximity to corresponding elements, the Lyell Collection also uses WAI-ARIA techniques to ensure that those relationships are available to Assistive Technologies.

Criteria	Conformance Level	Remarks and Explanations
<p>1.4.1 Use of Color (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.1.4.1 (Web) • 10.1.4.1 (Non-web document) • 11.1.4.1 (Open Functionality Software) • 11.1.4.1 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	Colour is generally not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.
<p>1.4.2 Audio Control (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.1.4.2 (Web) • 10.1.4.2 (Non-web document) • 11.1.4.2 (Open Functionality Software) • 11.1.4.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Not Applicable: The criterion is not relevant to the product.	
<p>2.1.1 Keyboard (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.1.1 (Web) • 10.2.1.1 (Non-web document) • 11.2.1.1.1 (Open Functionality Software) 	Partially supports	The Lyell Collection is a web-based content repository that supports standard keyboard navigation and input functions (such as pressing [Tab] to move between input fields, pressing the arrow keys to move between list items, and pressing [Space] or [Enter] to make selections). Not all functionality of the content is operable through a keyboard interface:

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> • 11.2.1.1.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 		<ul style="list-style-type: none"> • Ecommerce sidebar cannot be closed • landscape tables in some articles are not operable using the keyboard as they have horizontal and vertical scroll bars • the CrossMark "Check for updates" • "TREND MD" settings button. • Keyboard users have to step through all submenu items to get to the next top-level item for all dropdown menus on the sites. • The Alerts summary page is difficult to navigate using keyboard and read by a screenreader.
<p>2.1.2 No Keyboard Trap (Level A)</p> <p>Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.1.2 (Web) • 10.2.1.2 (Non-web document) • 11.2.1.2 (Open Functionality Software) • 11.2.1.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	The Lyell Collection supports standard keyboard navigation and ensures that keyboard users cannot be trapped in a subset of content.
<p>2.1.4 Character Key Shortcuts (Level A 2.1 only)</p> <p>Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.1.4 (Web) • 10.2.1.4 (Non-web document) • 11.2.1.4.1 (Open Functionality Software) • 11.2.1.4.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) 	Not applicable	The Lyell Collection does not have any single-character shortcuts.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 12.2.4 (Support Docs) Revised Section 508 – Does not apply		
<p>2.2.1 Timing Adjustable (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.2.2.1 (Web) 10.2.2.1 (Non-web document) 11.2.2.1 (Open Functionality Software) 11.2.2.1 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Not Applicable: The criterion is not relevant to the product.</p>	
<p>2.2.2 Pause, Stop, Hide (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.2.2.2 (Web) 10.2.2.2 (Non-web document) 11.2.2.2 (Open Functionality Software) 11.2.2.2 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Partially supports</p>	<p>On each homepage there is an image carousel and users are unable to pause it with either the keyboard or a screenreader. Users are able to pause it with a mouse click.</p>
<p>2.3.1 Three Flashes or Below Threshold (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.2.3.1 (Web) 	<p>Not applicable</p>	<p>The Lyell Collection does not use flashing or blinking to convey information to users.</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> • 10.2.3.1 (Non-web document) • 11.2.3.1 (Open Functionality Software) • 11.2.3.1(Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 		
<p>2.4.1 Bypass Blocks (Level A)</p> <p>Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.4.1 (Web) • 10.2.4.1 (Non-web document) – Does not apply • 11.2.4.1 (Open Functionality Software) – Does not apply • 11.2.4.1 (Closed Software) – Does not apply • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs 	Supports	A hidden link (available to screen readers) allows users to jump to the main content of each page.
<p>2.4.2 Page Titled (Level A)</p> <p>Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.4.2 (Web) • 10.2.4.2 (Non-web document) • 11.2.4.2 (Open Functionality Software) - Does not apply • 11.2.4.2 (Closed Software) – Does not apply • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) 	Supports	Web pages within the Lyell Collection have descriptive titles that indicate the topic or purpose of each page.

Criteria	Conformance Level	Remarks and Explanations
Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 		
<u>2.4.3 Focus Order</u> (Level A) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> • 9.2.4.3 (Web) • 10.2.4.3 (Non-web document) • 11.2.4.3 (Open Functionality Software) • 11.2.4.3 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Partially supports	The Lyell Collection uses a logical tab order through interactive elements such as links and form controls. All elements that should receive focus have been verified. Examples include navigation aids, buttons, form controls. However, some hidden elements come into focus. For example at https://www.lyellcollection.org/#main-content the text for the publication title comes into focus but on the next tab click nothing comes into focus.
<u>2.4.4 Link Purpose (In Context)</u> (Level A) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> • 9.2.4.4 (Web) • 10.2.4.4 (Non-web document) • 11.2.4.4 (Open Functionality Software) • 11.2.4.4 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Partially supports	The Lyell Collection uses descriptive text or WAI-ARIA techniques, such as adding an “aria-labelledby” attribute to identify the purpose of links. Link targets are clear from the link text or the surrounding context. However, some JCore pages include anchors without link text. For example, widgets that let a user select between panes in the widget (Most Read/Most Cited), the article navigation tabs at the top of an article page (Article, Figures & Data, etc.) and issue links on the archive page. A few pages contain links that are empty. The relevant text labels are in their own anchor tags that fully meet accessibility standards.

Criteria	Conformance Level	Remarks and Explanations
<p>2.5.1 Pointer Gestures (Level A 2.1 only)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.5.1 (Web) • 10.2.5.1 (Non-web document) • 11.2.5.1 (Open Functionality Software) • 11.2.5.1 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508 – Does not apply</p>	Supports	The Lyell Collection includes carousels, which can be operated using forward and backward arrows as well as swiping.
<p>2.5.2 Pointer Cancellation (Level A 2.1 only)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.5.2 (Web) • 10.2.5.2 (Non-web document) • 11.2.5.2 (Open Functionality Software) • 11.2.5.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508 – Does not apply</p>	Supports	Single-pointer operations on the website are equivalent to a simple click, and releasing the click or tap performs the action, such as activation of buttons and links. There are no drag-and-drop functions.
<p>2.5.3 Label in Name (Level A 2.1 only)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.5.3 (Web) • 10.2.5.3 (Non-web document) • 11.2.5.3 (Open Functionality Software) • 11.2.5.3 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508 – Does not apply</p>	Partially supports	The accessible names of controls, such as links, contain the text of their visible labels. However, our Search page at https://www.lyellcollection.org/search has 6 missing form labels (start date, end date, choose publication, choose collection, choose, choose article series).

Criteria	Conformance Level	Remarks and Explanations
<p>2.5.4 Motion Actuation (Level A 2.1 only)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.5.4 (Web) • 10.2.5.4 (Non-web document) • 11.2.5.4 (Open Functionality Software) • 11.2.5.4 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508 – Does not apply</p>	Not applicable	The Lyell Collection does not have functionality triggered by moving a device (for example, shaking or tilting) or by gesturing towards the device.
<p>3.1.1 Language of Page (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.3.1.1 (Web) • 10.3.1.1 (Non-web document) • 11.3.1.1.1 (Open Functionality Software) • 11.3.1.1.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Partially supports	The Lyell Collection uses the language attribute 'lang="en"' on the HTML element to specify the default language of a page. The language is not specified in the PDFs. On the final checkout page, the <html> element does not have a lang attribute.
<p>3.2.1 On Focus (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.3.2.1 (Web) • 10.3.2.1 (Non-web document) • 11.3.2.1 (Open Functionality Software) • 11.3.2.1 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) 	Partially supports	When a component in the Lyell Collection user interface receives focus, it does not initiate a change of context except that some links from the Lyell Collection to the Society pages open in a new window without warning. For example, if a user clicks on any admincenter links on the right-hand side of https://www.lyellcollection.org/user/login a new window will open

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> • 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 		
<p>3.2.2 On Input (Level A)</p> Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> • 9.3.2.2 (Web) • 10.3.2.2 (Non-web document) • 11.3.2.2 (Open Functionality Software) • 11.3.2.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	Changing the setting of a component in The Lyell Collection user interface does not initiate a change of context.
<p>3.3.1 Error Identification (Level A)</p> Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> • 9.3.3.1 (Web) • 10.3.3.1 (Non-web document) • 11.3.3.1.1 (Open Functionality Software) • 11.3.3.1.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Partially supports	The Lyell Collection provides users with alerts and text descriptions to identify required fields that are incomplete. However, these are not caught by screenreaders. For example, the form at https://www.lyellcollection.org/feedback , displays the error messages, but only reads them out when the mouse is pointed at the error message.

Criteria	Conformance Level	Remarks and Explanations
<p>3.3.2 Labels or Instructions (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.3.3.2 (Web) • 10.3.3.2 (Non-web document) • 11.3.3.2 (Open Functionality Software) • 11.3.3.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Partially supports	The platform supports this criterion, however, many of the labels that identify the controls in a form do not contain the correct description. For example, 'Search this publication' is labelled 'Search for this keyword'. Therefore screenreaders might not pick up the correct name.
<p>4.1.1 Parsing (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.4.1.1 (Web) • 10.4.1.1 (Non-web document) • 11.4.1.1.1 (Open Functionality Software) • 11.4.1.1.2 (Closed Software) – Does not apply • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Partially supports	Platform supports this criterion in almost all cases but there are a few pages which have id attributes which are not unique. The Lyell Collection uses semantically correct markup for all interface elements. The markup is programmatically generated to prevent parsing errors.
<p>4.1.2 Name, Role, Value (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.4.1.2 (Web) • 10.4.1.2 (Non-web document) • 11.4.1.2.1 (Open Functionality Software) 	Partially supports	The Lyell Collection uses standard HTML and WAI-ARIA attributes to describe the identity, operation, and state of user interface elements to Assistive Technologies. However, there are a few instances of <frame> or <iframe> elements not having a title (e.g. Facebook Like button).

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 11.4.1.2.2 (Closed Software) – Not required 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 		

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
<p>1.2.4 Captions (Live) (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.1.2.4 (Web) 10.1.2.4 (Non-web document) 11.1.2.4 (Open Functionality Software) 11.1.2.4 (Closed Software) 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 		Not Applicable: The criterion is not relevant to the product.
<p>1.2.5 Audio Description (Prerecorded) (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.1.2.5 (Web) 10.1.2.5 (Non-web document) 11.1.2.5 (Open Functionality Software) 		Not Applicable: The criterion is not relevant to the product.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> • 11.1.2.5 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 		
<p>1.3.4 Orientation (Level AA 2.1 only)</p> Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> • 9.1.3.4 (Web) • 10.1.3.4 (Non-web document) • 11.1.3.4 (Open Functionality Software) • 11.1.3.4 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 – Does not apply	Supports	The Lyell Collection supports portrait and landscape display, based on the user's chosen orientation.
<p>1.3.5 Identify Input Purpose (Level AA 2.1 only)</p> Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> • 9.1.3.5 (Web) • 10.1.3.5 (Non-web document) • 11.1.3.5 (Open Functionality Software) • 11.1.3.5 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 – Does not apply	Supports	
<p>1.4.3 Contrast (Minimum) (Level AA)</p> Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> • 9.1.4.3 (Web) 	Supports	

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> • 10.1.4.3 (Non-web document) • 11.1.4.3 (Open Functionality Software) • 11.1.4.3 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 		
<p>1.4.4 Resize text (Level AA)</p> <p>Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.1.4.4 (Web) • 10.1.4.4 (Non-web document) • 11.1.4.4.1 (Open Functionality Software) • 11.1.4.4.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	The Lyell Collection supports standard zoom capabilities built into modern web browsers and operating systems so that text can be doubled in size (i.e., page zoomed to 200%) without breaking functionality or understandability.
<p>1.4.5 Images of Text (Level AA)</p> <p>Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.1.4.5 (Web) • 10.1.4.5 (Non-web document) • 11.1.4.5.1 (Open Functionality Software) • 11.1.4.5.2 (Closed Software) – Does not apply • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) 	Partially supports	The Lyell Collection supports this, but with the exception that most mathematics older than January 2019 are in image file format.

Criteria	Conformance Level	Remarks and Explanations
Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 		
<u>1.4.10 Reflow</u> (Level AA 2.1 only) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> • 9.1.4.10 (Web) • 10.1.4.10 (Non-web document) • 11.1.4.10.1 (Open Functionality Software) • 11.1.4.10.2 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 – Does not apply	Partially supports	The Lyell Collection supports this with an exception that wide tables that have vertical and horizontal scroll bars.
<u>1.4.11 Non-text Contrast</u> (Level AA 2.1 only) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> • 9.1.4.11 (Web) • 10.1.4.11 (Non-web document) • 11.1.4.11 (Open Functionality Software) • 11.1.4.11 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 – Does not apply	Supports	
<u>1.4.12 Text Spacing</u> (Level AA 2.1 only) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> • 9.1.4.12 (Web) • 10.1.4.12 (Non-web document) • 11.1.4.12 (Open Functionality Software) • 11.1.4.12 (Closed Software) • 11.8.2 (Authoring Tool) 	Supports	

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 – Does not apply		
<p>1.4.13 Content on Hover or Focus (Level AA 2.1 only)</p> Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> • 9.1.4.13 (Web) • 10.1.4.13 (Non-web document) • 11.1.4.13 (Open Functionality Software) • 11.1.4.13 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 – Does not apply	Supports	
<p>2.4.5 Multiple Ways (Level AA)</p> Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> • 9.2.4.5 (Web) • 10.2.4.5 (Non-web document) – Does not apply • 11.2.4.5 (Open Functionality Software) – Does not apply • 11.2.4.5 (Closed Software) – Does not apply • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs 	Supports	<p>The Lyell Collection homepage enables navigation to our publications via a drop-down menu, an image-based carousel, a ‘Browse publications’ drop-down, via the search page and a list of publication websites in the ‘Quick links’ section of the sites’ footer.</p> <p>All sites within the Lyell Collection have consolidated Alerts, RSS feeds tables and Search can be performed on any of the sites for any of the content of any other site.</p>
<p>2.4.6 Headings and Labels (Level AA)</p> Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> • 9.2.4.6 (Web) • 10.2.4.6 (Non-web document) • 11.2.4.6 (Open Functionality Software) 	Partially supports	<p>The Lyell Collection’s headings and labels are accurate, descriptive, and meaningful. However, there are some pages that skip heading levels (e.g. some Help pages plus the list of ‘All issues’ pages).</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> • 11.2.4.6 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 		
<p>2.4.7 Focus Visible (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.4.7 (Web) • 10.2.4.7 (Non-web document) • 11.2.4.7 (Open Functionality Software) • 11.2.4.7 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	
<p>3.1.2 Language of Parts (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.3.1.2 (Web) • 10.3.1.2 (Non-web document) • 11.3.1.2 (Open Functionality Software) – Does not apply • 11.3.1.2 (Closed Software) – Does not apply • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) 	Supports	<p>The Lyell Collection is primarily in English. The language of all pages is programmatically determined. If necessary, there is a mechanism to specify different languages for subsets of a page.</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 504.2 (Authoring Tool) 602.3 (Support Docs) 		
<p>3.2.3 Consistent Navigation (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.3.2.3 (Web) 10.3.2.3 (Non-web document) – Does not apply 11.3.2.3 (Open Functionality Software) – Does not apply 11.3.2.3 (Closed Software) – Does not apply 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) – Does not apply to non-web software 504.2 (Authoring Tool) 602.3 (Support Docs) – Does not apply to non-web docs 	Supports	The Lyell Collection uses the same navigation mechanisms across all pages and all types of pages.
<p>3.2.4 Consistent Identification (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.3.2.4 (Web) 10.3.2.4 (Non-web document) – Does not apply 11.3.2.4 (Open Functionality Software) – Does not apply 11.3.2.4 (Closed Software) – Does not apply 11.8.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) – Does not apply to non-web software 504.2 (Authoring Tool) 602.3 (Support Docs) – Does not apply to non-web docs 	Supports	The Lyell Collection utilizes a UI framework that ensures consistent identification of elements, and functionality.
<p>3.3.3 Error Suggestion (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.3.3.3 (Web) 	Supports	The Lyell Collection presents users with instructions or labels that identify the controls in a form so that users know what input data is expected.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> • 10.3.3.3 (Non-web document) • 11.3.3.3 (Open Functionality Software) • 11.3.3.3 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 		
<p>3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)</p> <p>Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.3.3.4 (Web) • 10.3.3.4 (Non-web document) • 11.3.3.4 (Open Functionality Software) • 11.3.3.4 (Closed Software) • 11.8.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	<p>The Lyell Collection’s ‘Add to cart’ functionality allows users to place items in the shopping cart, but before submitting the order information including the items ordered, quantity of each ordered item, shipping address and payment method are displayed so that the user can inspect the order for correctness. The user can either confirm the order or make changes.</p>
<p>4.1.3 Status Messages (Level AA 2.1 only)</p> <p>Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.4.1.3 (Web) • 10.4.1.3 (Non-web document) – Does not apply • 11.4.1.3 (Open Functionality Software) – Does not apply • • • 11.4.1.3 (Closed Software) – Does not apply • 11.8.2 (Authoring Tool) 	Partially supports	<p>There is no status message via a screen-reader when incorrect login details are given, and when performing a search the number of results is not given. A status message stating there are search results is given via a screen-reader.</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) Revised Section 508 – Does not apply		

Table 3: Success Criteria, Level AAA

Notes: Notes: The Lyell Collection platform AAA criteria were not evaluated.

Revised Section 508 Report

Notes:

Chapter 3: [Functional Performance Criteria \(FPC\)](#)

Notes:

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Supports	The Lyell Collection uses standard HTML and WAI-ARIA attributes to describe the identity, operation, and state of user interface elements to Assistive Technologies.
302.2 With Limited Vision	Supports	The Lyell Collection supports standard browser magnification and contrast adjustments.
302.3 Without Perception of Color	Partially supports	Color is only used as a decorative or supplemental attribute of user interface elements. A textual representation is always used as the primary mechanism for conveying information.
302.4 Without Hearing	Supports	The Lyell Collection does not include audio-only features or content.
302.5 With Limited Hearing	Supports	The Lyell Collection does not include audio-only features or content.
302.6 Without Speech	Supports	The Lyell Collection does not require speech input.
302.7 With Limited Manipulation	Supports	The Lyell Collection supports standard input mechanisms such as user-provided keyboards and pointing devices. Usage of the product does not require fine motor controls nor simultaneous actions.
302.8 With Limited Reach and Strength	Supports	The product is usable by those with Limited Reach and Strength.

Criteria	Conformance Level	Remarks and Explanations
302.9 With Limited Language, Cognitive, and Learning Abilities	Supports	The product is usable by those with Limited Language, Cognitive, and Learning Abilities.

Chapter 4: [Hardware](#)

Notes: The Lyell Collection is a web-based content repository and is not subject to the requirements of this section.

Chapter 5: [Software](#)

Notes: The Lyell Collection is a web-based content repository and is not subject to the requirements of this section.

Chapter 6: [Support Documentation and Services](#)

Notes:

Criteria	Conformance Level	Remarks and Explanations
601.1 Scope	Heading cell – no response required	Heading cell – no response required
602 Support Documentation	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Supports	The Lyell Collection provides an accessibility statement page with information on accessibility and compatibility.
602.3 Electronic Support Documentation	See WCAG 2.0 section	Support documentation is in the form of web pages.
602.4 Alternate Formats for Non-Electronic Support Documentation	Not applicable.	
603 Support Services	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Supports	An accessibility statement page is available with information on accessibility and compatibility.
603.3 Accommodation of Communication Needs	Partially supports	Limited Product support for the Lyell Collection is available via telephone or email.

EN 301 549 Report

Notes:

Chapter 4: [Functional Performance Statements \(FPS\)](#)

Notes:

Criteria	Conformance Level	Remarks and Explanations
4.2.1 Usage without vision	Supports	The Lyell Collection uses standard HTML and WAI-ARIA attributes to describe the identity, operation, and state of user interface elements to Assistive Technologies
4.2.2 Usage with limited vision	Supports	The Lyell Collection supports standard browser magnification and contrast adjustments.
4.2.3 Usage without perception of colour	Partially supports	Colour is used as a decorative or supplemental attribute of user interface elements. A textual representation is always used as the primary mechanism for conveying information. It is also used in author illustrations.
4.2.4 Usage without hearing	Not applicable	The Lyell Collection does not include audio-only features or content that require hearing to be used
4.2.5 Usage with limited hearing	Not applicable	The Lyell Collection does not include audio-only features or content that require hearing to be used.
4.2.6 Usage without vocal capability	Not applicable	The Lyell Collection does not require speech input.
4.2.7 Usage with limited manipulation or strength	Supports	The Lyell Collection supports standard input mechanisms such as user-provided keyboards and pointing devices.

Criteria	Conformance Level	Remarks and Explanations
4.2.8 Usage with limited reach	Supports	The product is usable by those with Limited Reach and Strength.
4.2.9 Minimize photosensitive seizure triggers	Supports	The Lyell Collection does not include visual features with flashing that could trigger seizures
4.2.10 Usage with limited cognition	Supports	The Lyell Collection uses a logical focus order, and provides capabilities for specifying error text for user interface components.
4.2.11 Privacy	Supports	The Lyell Collection does not impede usage of standard privacy controls alongside assistive technologies. For example, users can connect a headset for private listening to screen reader announcements. All content is text-based. There is no use of biometrics. There is no audio on the website. Users are unable to access personal data, except their own.

Chapter 5: [Generic Requirements](#)

Notes: The Lyell Collection supports standard assistive technologies and is therefore not subject to the Closed Functionality criteria described in this Chapter.

Chapter 6: [ICT with Two-Way Voice Communication](#)

Notes: The Lyell Collection does not offer two-way voice communication and is therefore not subject to the requirements of this section.

Chapter 7: [ICT with Video Capabilities](#)

Notes: The Lyell Collection does not include video content.

Chapter 8: [Hardware](#)

Notes: The Lyell Collection is a web-based content repository and is not subject to the requirements of this section.

Chapter [9: Web](#) (see [WCAG 2.x section](#))

Notes:

Chapter [10: Non-Web Documents](#)

Notes: The Lyell Collection does not include non-web documents and is therefore not subject to the requirements of this section.

Chapter [11: Software](#)

Notes: The Lyell Collection does not include software and is therefore not subject to the requirements of this section.

Chapter [12: Documentation and Support Services](#)

Notes:

Criteria	Conformance Level	Remarks and Explanations
12.1 Product documentation	Heading cell – no response required	Heading cell – no response required
12.1.1 Accessibility and compatibility features		The Lyell Collection provides an accessibility statement page with information on accessibility and compatibility.
12.1.2 Accessible documentation	See WCAG 2.0 section	See information in WCAG 2.0 section
12.2 Support Services	Heading cell – no response required	Heading cell – no response required
12.2.2 Information on accessibility and compatibility features		The Lyell Collection provides an accessibility statement page with information on accessibility and compatibility.
12.2.3 Effective communication		Limited Product support for the Lyell Collection is available via telephone.
12.2.4 Accessible documentation	See WCAG 2.0 section	See information in WCAG 2.0 section

Chapter [13: ICT Providing Relay or Emergency Service Access](#)

Notes: The Lyell Collection does not offer relay or emergency service access and is therefore not subject to the requirements of this section.

Legal Disclaimer (Company)

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