



What's New in NPS DataStore Release 2.12.1

- Project references can now be assigned a Digital Object Identifier (DOI).
- Core Tab metadata for DataStore reference with an NPS DOI are synchronized with DataCite or Crossref each time a reference is activated. This allows for reference owners to edit Core tab metadata even after activation.
- Data Package reference EML extraction populates categorical data variables. Warning message for duplicate categorical data displays and continues the extraction process. EML files previously extracted were rescanned and the categorical data variables are populated, allowing for display of all data package categorical data.
- Enhanced the stability of the 'Add NPS Individual' contact lookup functionality.
- Expanded references that can be versioned to published reports.
- [Science Report Series](#) link is available on the [NPS DataStore](#) landing page. See this [web article](#) for more information.
- The secured DataStore Web Services v7 have been enhanced to allow for draft reference to be linked to a project reference. In addition, the Lifecycle *PUT rest/Reference/{referenceId}/Lifecycle/Active* endpoint will sync core tab metadata changes for references with the 'Reserve NPS DOI' option.
- Minor usability changes were made to improve the readability of some of the NPS DataStore pages.

Project references can now be assigned a DOI

Project references have the option to 'Reserve an NPS DOI' which will mint a DOI from DataCite. Project references do not require a digital file to mint the DOI, and uploading files directly to a Project is discouraged.

Core tab metadata for references with DOI's can be edited and synchronized with DataCite or CrossRef

Prior to NPS DataStore Release 2.12, you were not able to edit the metadata on the Core tab for references that had an assigned NPS DOI. This was indicated by the tab “Core R/O” where the “R/O” stands for Read Only.

Now you can edit metadata on the “Core” tab and each time you re-activate, changes made on the Core Tab will be synchronized with DataCite or CrossRef. This enhancement allows you to correct typographical errors, fine-tune, and update relevant information for your references such as authors who need their ORCID added.

Synchronized metadata for references that allow for an NPS DOI:

- Title
- Publisher
- Description
- Authors, Creators or Leads
- Date Published, Date Issued, or Project Start Date

Extracting Categorical Variables from EML files

The EML extraction includes categorical variables. The categorical variables can be viewed from the DataStore Reference Profile page. To view categorical variables:

1. From the DataStore Reference Profile page, check a csv file in the Digital Files and Links grid.
2. Click on the ‘Show Data Table Info’ button.
3. The Data Table Information window displays. Columns that include categorical data variables can be expanded or collapsed by clicking on the ‘+’ or ‘-’ icons.
4. From the DataStore Reference Profile page, check the data file from the Digital Files and Links grid, and select the “Show Data Table Info” button.

A Dataset of Amphibian Species in U.S. National Parks, Version 1.3

Citation LaFrance BJ and Ray AM. 2023. A Dataset of Amphibian Species in U.S. National Parks, Version 1.3. National Park Service. Fort Collins CO
<https://doi.org/10.57830/2301647>

Visibility Public

Citation with All Authors LaFrance BJ and Ray AM. 2023. A Dataset of Amphibian Species in U.S. National Parks, Version 1.3. National Park Service. Fort Collins CO
<https://doi.org/10.57830/2301647>

Reference Type Data Package (Code: 2301647)

Digital Files and Links (2)

Type	Download Link	Size	Description
Digital File	Amphibians_on_NPS_Lands_20231201.csv	995.7 KB	A Dataset of Amphibian Species in U.S. National Parks, Version 1.3
Digital File	Amphibians_on_NPS_Lands_20231201_metadata.xml	1.1 MB	

Show Data Table Info **Download All** **Download Selected**

Data Table Information

The following data table attributes were extracted from the EML file for Amphibians_on_NPS_Lands_20231201.csv

Column Name	Definition	Unit
Order	Taxonomic order of amphibians for the species (Anura or Caudata)	
Abundance	NPS ranking akin to IUCN Status? Abundant, Common, Occasional, Uncommon, Rare, Unknown	
State	The US state that the specific park lies within (for the centroid of the park)	
NPSpecies_Occurrence	Present, Probably Present, Unconfirmed, Not in Park (original designation from 2021 version of NPSpecies)	
SRank	Sub-national rank for the species (field indicates the state by two-letter code, followed by the status)	
Common_Names	Common names used for the species	
Verified_Source	Link or note regarding reference material (report, primary literature, etc.)	
Park_Name	Full name of the national park unit	
TSN	Taxonomic Serial Number, unique identifier for each amphibian species in accordance with ITIS	dimensionless
CASC_Region	The 2-letter acronym for the associated Climate Adaptation Science Center region	
Park_OccurrenceStatus	Verified status in park, Present, Possible, Adjacent, Historic, No; updated from NPSpecies data in Occurrence column	
Category	Definition	
Adjacent	Verified occurrence record is adjacent to the park, but not within the park	
Historical	Verified occurrence record indicates species has been observed in the park historically, but is no longer present	
No	Verified occurrence record confirms species is not within the park	
Possible	Verified occurrence record indicates species is possible within the park, but hasn't been observed	
Present	Verified occurrence record indicates species has been observed in the park	
Park_Code	The 4-letter acronym to identify the specific park unit	
Scientific_Name	Scientific name for the amphibian (Genus + specific epithet)	
IM_Network	The 4-letter acronym for the associated NPS Inventory and Monitoring Network	
22 columns found		

Close

Figure 1 Data Table Information and categorical variables for the Amphibians_on_NPS Lands_20231201.csv file.

Enhanced the stability of the 'Add NPS Individual' Author / Creator lookup

Some users reported they were unable to add an NPS Individual to their contacts. We made some changes to enhance the stability of that functionality.

Note that when searching on common names such as 'Brown' or 'Smith', you may need to scroll to select the correct contact.

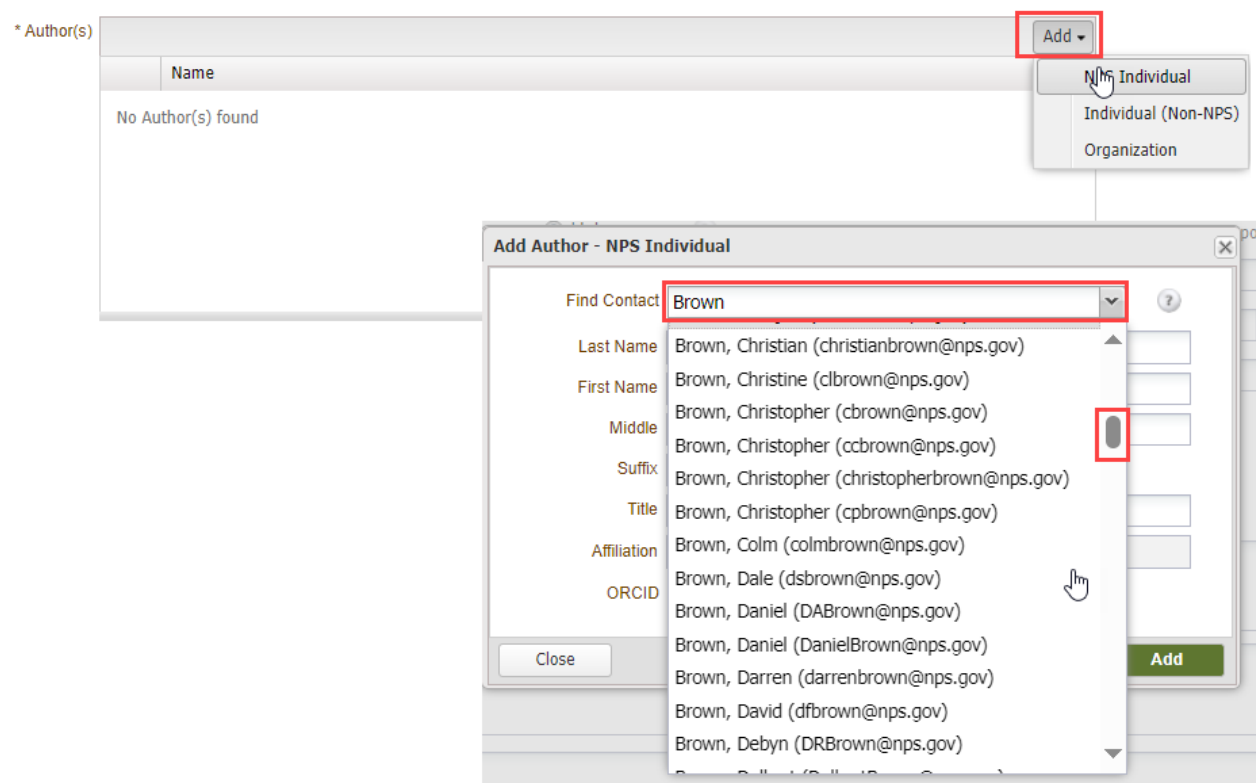


Figure 2 Edit Reference, 'Add' an NPS Individual, searching on a common name use scroll bar to find contact.

Added reference types that can be versioned to become publish report reference types

The following reference types may now be versioned to a 'Published Report' reference:

- Data Release Reports
- Data Standard
- Plan
- Project Summary
- Protocol Narrative
- Protocol Development Summary
- Resource Brief
- Resource Guide
- Standard Operating Procedures

NPS DataStore Landing page includes the [Science Report Series](#) link

The [NPS DataStore Landing](#) page includes the Science Report Series link. This [web article](#) provides information about the Science Report Series.

DataStore Web Services

Web services offer a way to interact with DataStore programmatically. In other words, a way to search for, create, or adjust references and their content without using the website. DataStore web services are key to some of the functionality in applications like RPRS (research permitting system) and tools like the [NPSdataverse](#). For more information please refer to: <https://irmaservices.nps.gov/>

Updates to DataStore Web Services Version 7 Secure

ProductReference service:

- Operation modified:
 - ProductReference: POST now allows reference owners to add a “draft” reference to project

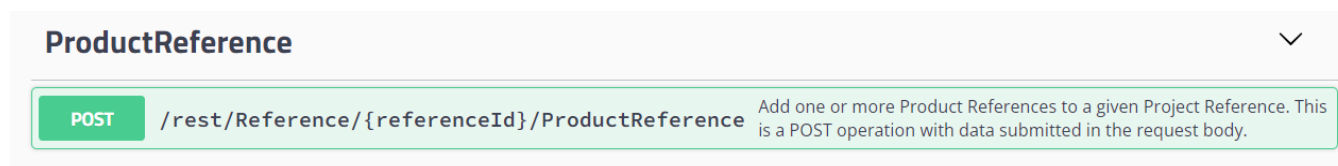


Figure 3 ProductReference Swagger REST Web Service

Lifecycle service

- Operation modified:
 - Lifecycle: PUT Lifecycle endpoint now synchronizes with DataCite or CrossRef when using the webservice to activate the reference. This same functionality added to the website.
 - PUT rest/Reference/{referenceId}/Lifecycle/Active

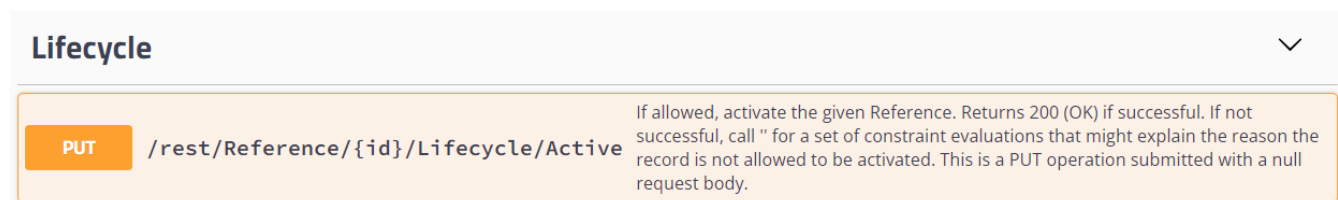


Figure 4 Lifecycle Swagger REST Web Service

Stay in touch - DataStore Support email address

Have a question or concern? Our support email address is NRSS_DataStore@nps.gov. If you have a question, find a bug, or have a suggestion, please send us an email at NRSS_DataStore@nps.gov and feel free to copy us if you “ask a friend”. Knowing areas that our users have questions, will help us improve DataStore!