



# A day in the life of a Dryad curator

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# Dryad mission & vision

- The Dryad Digital Repository is a **curated** resource that makes the data underlying scientific publications **discoverable, freely reusable, and citable**. Dryad provides a general-purpose home for a wide diversity of datatypes.
- Dryad's **vision** is to promote a world where research data is openly available, integrated with the scholarly literature, and routinely re-used to create knowledge.
- Our **mission** is to provide the infrastructure for, and promote the re-use of, data underlying the scholarly literature.



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### Search for data

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#### Recently Published Data

Phadke S, Zufall R, Paixao T, Pham S, Pham T (2013) Data from: Genetic background alters dominance relationships between mat alleles in the ciliate *Tetrahymena thermophila*. *Journal of Heredity* [doi:10.5061/dryad.qv731](https://doi.org/10.5061/dryad.qv731)

Chiu C, Jost L, Chao A (2013) Data from: Phylogenetic beta diversity, similarity, and differentiation measures based on Hill numbers. *Ecological Monographs* [doi:10.5061/dryad.vr4k2](https://doi.org/10.5061/dryad.vr4k2)

Salgado-Salazar C, Rossmann AY, Chaverri P (2013) Data from: Not as ubiquitous as we thought: taxonomic crisis, hidden diversity and cryptic speciation in the cosmopolitan fungus *Theloneotria discophora* (Nectriaceae, Hypocreales, Ascomycota). *PLoS ONE* [doi:10.5061/dryad.q3s66](https://doi.org/10.5061/dryad.q3s66)

Morgan EMJ, Green BS, Murphy NP, Strugnell JM (2013) Data from: Investigation of genetic structure between deep and shallow populations of the southern rock lobster,  *Jasus edwardsii* in Tasmania, Australia. *PLoS ONE* [doi:10.5061/dryad.656qf](https://doi.org/10.5061/dryad.656qf)

Robinson BW (2013) Data from: Evolution of growth by genetic accommodation in Icelandic freshwater stickleback. *Proceedings of the Royal Society B*

### Be part of Dryad



Publishers, societies, universities, libraries, funders, and other stakeholder organizations are invited to become [members](#). Tap into an active knowledge-sharing

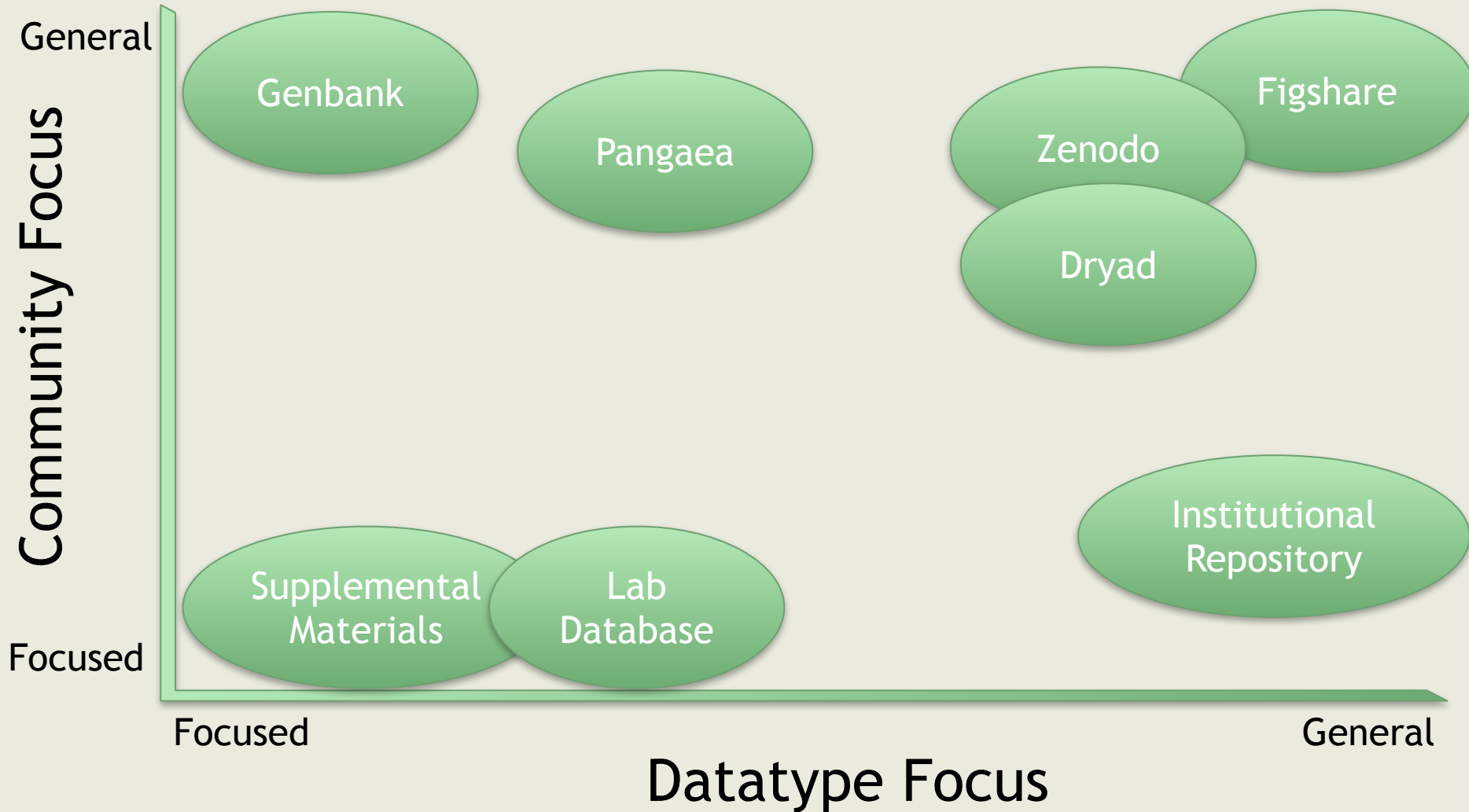
network, receive discounts on submission fees, and help shape Dryad's future.

[Submission integration](#) is a free service that allows publishers to coordinate manuscript and data submissions. It makes submitting data easy for researchers; makes linking articles and data easy for journals; and enables confidential review of data prior to publication.



Submission fees support the cost of keeping Dryad's content free to use. Flexible [pricing plans](#) provide volume discounts.

# Data archiving landscape



# What differentiates Dryad

- Discipline- and format-agnostic
- Integrated with publication process
- Funding model
- Curated

# Dryad curators are:

- Distributed
- Flexible/scalable
- Tiered: students and professionals
- Super



DREXEL UNIVERSITY

Metadata  
Research Center

*College of Computing & Informatics*

# New submissions

## My Tasks

Search terms

[Advanced Search](#)

Add refinement

Sort items by  in order

### In Curation: Unclaimed

Title	Submitter	Number of data files
<a href="#">Data from: Test for Nathan Package</a>	<a href="#">Ryan Scherle</a>	1
<a href="#">Data from: test3_dryad</a>	<a href="#">yonghao yu</a>	1
<a href="#">Data from: testing reject notice</a>	<a href="#">EC Clary</a>	3
<a href="#">Data from: A splice mutation in the PHKG1 gene causes high glycogen content and low meat quality in pig skeletal muscle</a>	<a href="#">Elizabeth Hull</a>	1

## Refine Search

Submitter name

[atmirenv@gmail.com \(1\)](#)  
[eclary@live.unc.edu \(1\)](#)  
[elizabeth.dryad@gmail.com \(1\)](#)  
[rscherle@nescent.org \(1\)](#)  
[yyhao1@gmail.com \(1\)](#)

Workflow step

[dryadAcceptEditReject \(4\)](#)  
[pendingPublicationStep \(1\)](#)

Author

[clary \(1\)](#)  
[fjkslfjkslfjkslf, fsjkslsjk \(1\)](#)  
[Hull, Elizabeth \(1\)](#)  
[lantian, gai \(1\)](#)  
[Morovati, Meredith \(1\)](#)  
[yyhao \(1\)](#)

Subject

[evolution \(1\)](#)  
[pigs \(1\)](#)









Publication Name

[haidunub \(1\)](#)

# New submissions




**Update** **Return**

## Metadata


Remove	Name	Value	
<input type="checkbox"/>	dc.contributor.author	Catano, Laura B.	<b>Lookup</b>  
		<b>Propagate</b>	
<input type="checkbox"/>	dc.contributor.author	Gunn, Bridgette K.	<b>Lookup</b>  
		<b>Propagate</b>	
<input type="checkbox"/>	dc.contributor.author	Kelley, Megan C.	<b>Lookup</b>  
		<b>Propagate</b>	
<input type="checkbox"/>	dc.contributor.author	Burkepile, Deron E.	<b>Lookup</b>  
		<b>Propagate</b>	
<input type="checkbox"/>	dc.coverage.spatial	Florida Keys	



















# Help tickets (FogBugz)

 **Cases** ▼ **New Case** **Email**  **Schedules** ▼ **Discuss** ▼ **Wiki** ▼  

**FILTER**



 **All open cases that are active** ▾ [Refine Further](#) Save | More ▼  
sorted by **Newest cases first** ▾ [Sort](#) Select Columns ▼

**CASES**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Case	Title	Status	Assigned To	Priority	Date Opened
<input type="checkbox"/>		<input type="checkbox"/>	13800	Corrigendum dryad data set It seems to me that the two B...	Active	Daisie Huang	2 – Very high	12/22/2014 8:45 AM
<input type="checkbox"/>		<input type="checkbox"/>	13709	Support question Hi Pilar, We are looking into this issue, b...	Active	Ryan Scherle	2 – Very high	12/18/2014 9:29 AM
<input type="checkbox"/>		<input type="checkbox"/>	13528	Dryad data submission - please advise which data doi you ...	Active	Erin Clary	3 – High	12/11/2014 7:10 PM
<input type="checkbox"/>		<input type="checkbox"/>	13502	Re: Integration prospect - Genome Biology Sent message t...	Active	Jamie Lamkin	3 – High	12/11/2014 9:53 AM
<input type="checkbox"/>		<input type="checkbox"/>	13437	RSPB publication with incorrect Dryad link - is there a way t...	Active	Erin Clary	6 – Not prioritized	12/9/2014 8:10 PM
<input type="checkbox"/>		<input type="checkbox"/>	13436	Dryad data submission - we have two submissions in the jo...	Active	Erin Clary	6 – Not prioritized	12/9/2014 7:37 PM
<input type="checkbox"/>		<input type="checkbox"/>	13403	Question about status of manuscript ID RSOS-140351.R1 - ...	Active	Erin Clary	6 – Not prioritized	12/8/2014 8:43 PM
<input type="checkbox"/>		<input type="checkbox"/>	13195	FW: Dryad: Data package received for review doi:10.5061/dr...	Active	Erin Clary	6 – Not prioritized	12/1/2014 7:00 AM
<input type="checkbox"/>		<input type="checkbox"/>	12798	Re: Dryad submission approved doi:10.5061/dryad.sc286 ...	Active	Ryan Scherle	4 – Medium	11/17/2014 1:36 PM
<input type="checkbox"/>		<input type="checkbox"/>	12505	Fwd: Dryad: item has no owning_collection in item table Ry...	Active	Ryan Scherle	4 – Medium	11/5/2014 8:19 PM
<input type="checkbox"/>		<input type="checkbox"/>	11762	Doi not resolving Hi Erin, Thanks for looking into this. The r...	Active	Erin Clary	6 – Not prioritized	10/1/2014 12:34 PM
<input type="checkbox"/>		<input type="checkbox"/>	11754	DOI not resolving Hi Erin, That's fine, we can do a post live...	Active	Erin Clary	6 – Not prioritized	10/1/2014 9:35 AM
<input type="checkbox"/>		<input type="checkbox"/>	11728	Meredith College firewall blocking datadryad.org? A Meredi...	Active	Ryan Scherle	4 – Medium	9/29/2014 6:03 PM
<input type="checkbox"/>		<input type="checkbox"/>	11673	Feedback Form Information Dear Dr. Price, I apologize for ...	Active	Erin Clary	4 – Medium	9/26/2014 11:40 AM
<input type="checkbox"/>		<input type="checkbox"/>	11490	▶ Payment system issues Agh, Elizabeth, More issues with L...	Active	Elizabeth Hull	4 – Medium	9/19/2014 3:20 AM
<input type="checkbox"/>		<input type="checkbox"/>	11409	New version in the curation queue - initiated by author? AH...	Active	Ryan Scherle	2 – Very high	9/16/2014 6:36 PM

# Updating existing submissions

## Files in this package

Content in the Dryad Digital Repository is offered "as is." By downloading files, you agree to the [Dryad Terms of Service](#). To the extent possible under law, the authors have waived all copyright and related or neighboring rights to this data.  

Title	Locality, habitat and species composition matrices
Downloaded	1 time
Description	Details of the locations, habitats and composition of all samples included in the paper
Details	<a href="#">View File Details</a>

At the request of the author, this item is embargoed until the associated publication appears.

When using this data, please cite the original publication:

*Citation is not yet available for this publication from Biological Journal of the Linnean Society. It will become available shortly after the publication appears.*

Additionally, please cite the Dryad data package:

Cameron RAD, Pokryszko B, Gheoca V, Horsak M (2014) Data from: At the Central European – Balkan transition: forest land snail faunas of the Banat contrasted with those of the Carpathian chain. Dryad Digital Repository. <http://dx.doi.org/10.5061/dryad.qb2jk>

[Cite](#) | [Share](#)

# Demo/discussion



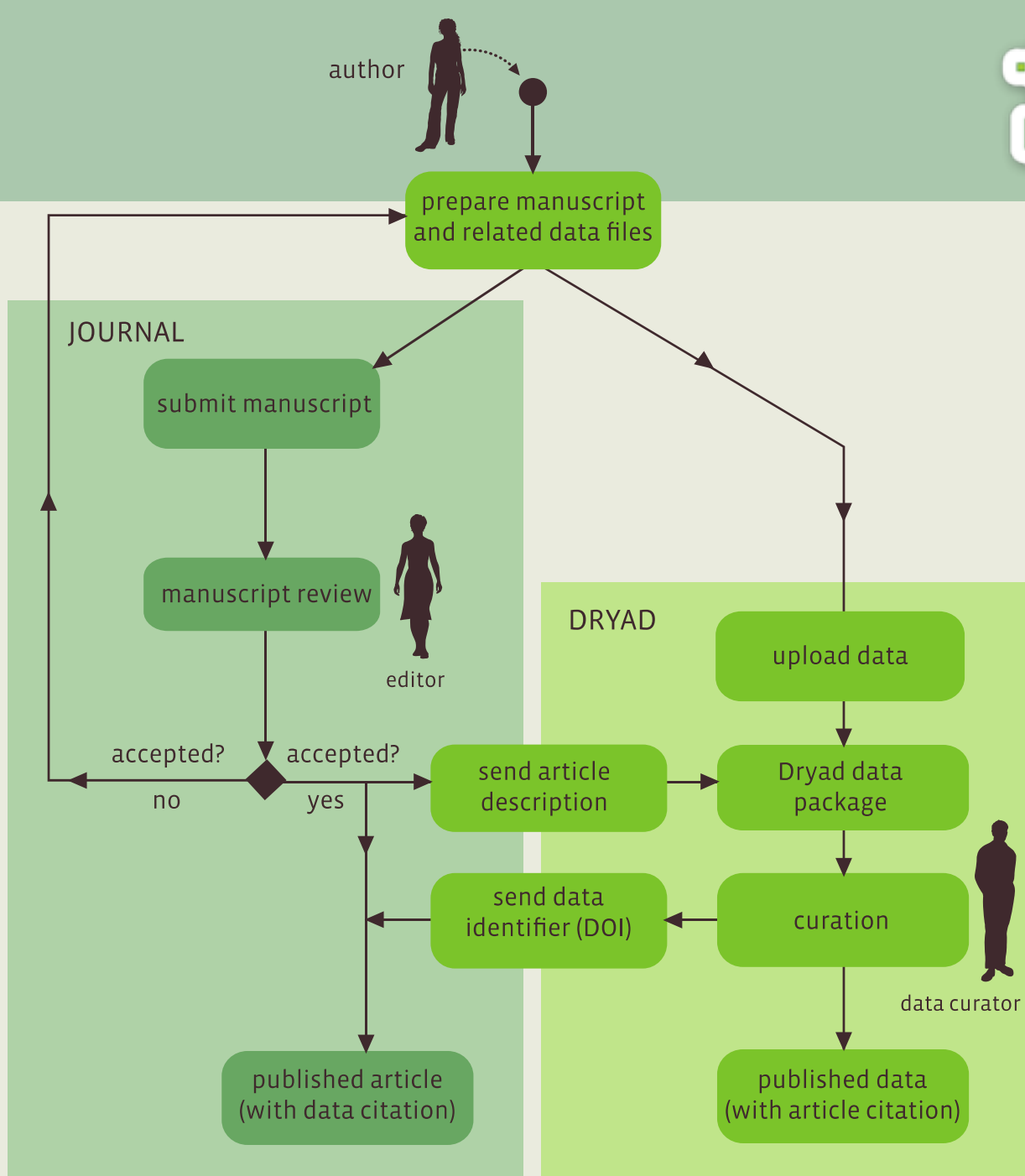
- Dryad curation interface & documentation
- Remote collaboration/communication tools
- Helpdesk (FogBugz)
- Project management (ensuring continual improvement of curation)

# Learn more

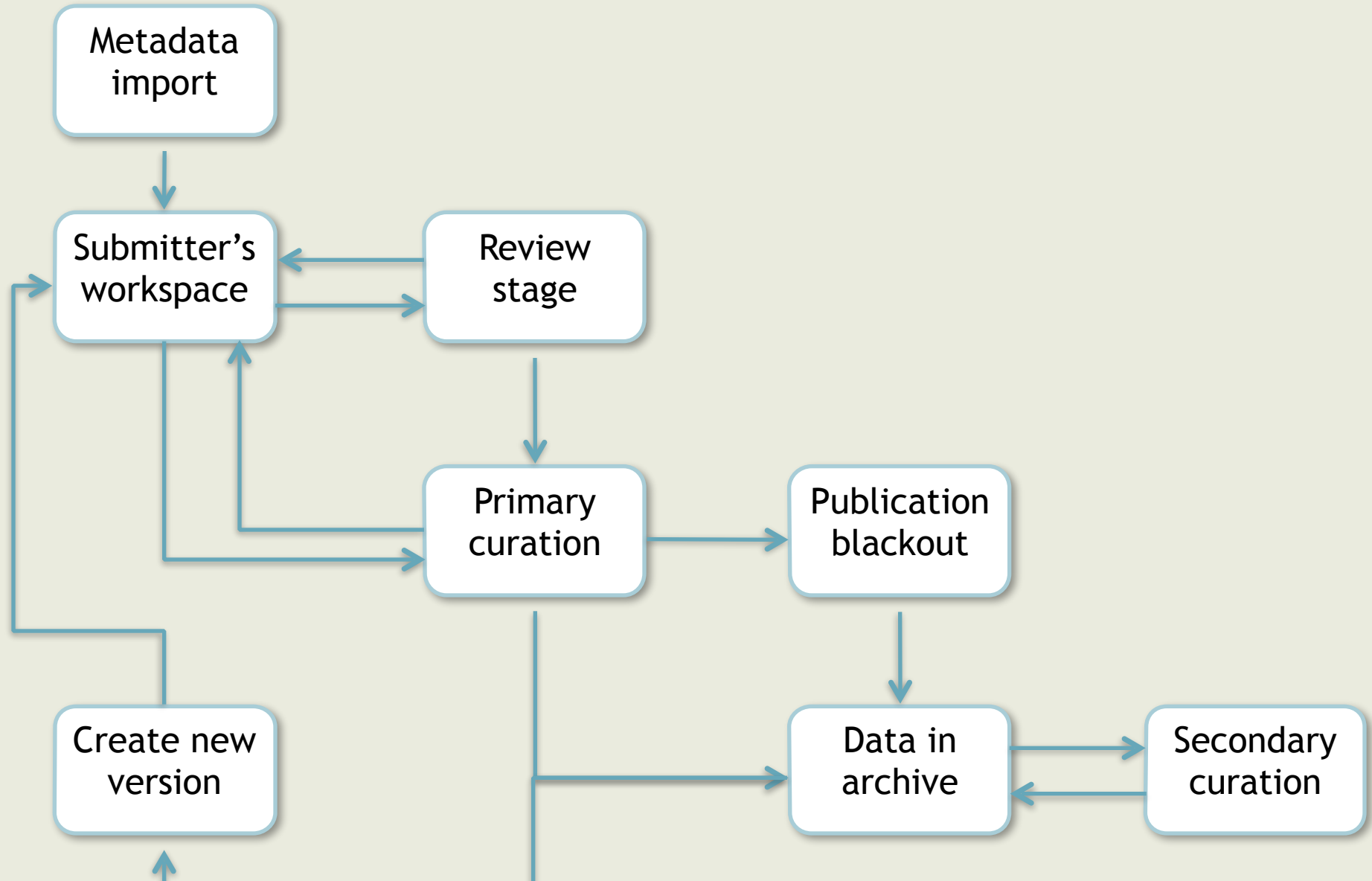


- Repository home: <http://datadryad.org>
- Documentation: <http://wiki.datadryad.org>
- News: <http://blog.datadryad.org>
- Twitter: [@datadryad](https://twitter.com/datadryad)
  
- Elizabeth Hull, Operations Manager - [ehull@datadryad.org](mailto:ehull@datadryad.org)
- Erin Clary, Senior Curator - [eclary@datadryad.org](mailto:eclary@datadryad.org)





# Curation in Dryad



# Key curation features



- Obvious buttons for most common activities
- More powerful tools for correcting problems
  - Workflow overview
  - Change workflow state
  - Batch curation tasks
- Constant analysis and improvement



### Next up -- main

- SKIP BUG: Some users don't see finalize button**  
1 comment
- FEAT: Move journal configuration into the database**  
2 comments
- FEAT: support for payment tracking via ACGI**
- FEAT: Improve robustness of testing for build/deploy process**  
1/8
- FEAT: duplicate submission warnings (for submitter and curator)**  
5 comments, 3 attachments
- FEAT: Improve PubMed support**

Add a card...

### In design

- Redesign of receipt e-mail**  
1 comment, 1 attachment, 2/2
- FEAT: package-level metadata editing (propagate changes to files)**  
7 comments, 3 attachments, 3/3
- FEAT: Add/remove and reorder authors**  
7 comments, 2 attachments, 1/4
- FEAT: private and prominent curator notes on submissions**  
12 comments, 4/7
- FEAT: Data Display Widget**  
6 comments

Add a card...

### Being implemented

- SKIP: Correct Dryad record at Biosharing.org**  
0/6
- SKIP: BUG: Ecology and Evolution payment plan not working.**  
5 comments
- FEAT: tidy up versioning issues (especially dois and indexing)**  
15 comments, 1 attachment, 12/28
- FEAT: Clean up logging system**  
12 comments, 9/15
- FEAT: Updates/fixes to pub blackout**  
2/8

Add a card...

### Under testing

- FEAT: Refine DataONE api**  
17 comments, 37/41
- BUG: Data File DOIs are not always registered**  
3 comments
- FEAT: replication in CLOCKSS**  
4 comments, 6/8
- BUG: Download statistics on homepage**  
1 comment
- BUG: DOI duplication**  
2 comments













Add a card...

### Next up

- Change editing privileges for authors with submissions in review 
- FEAT: automate weekly summary reports (that currently go to dryad-dev) or make this info otherwise available in dryad 
- FEAT: automate weekly integration reports to journals 
- Shopping cart issues 
- FEAT: Allow curators to easily change items between workflow states  
- FEAT: Featured data in the datadryad.org banner 
















Add a card...

### Planned for next 6 months

- FEAT: add dates to items on My Submissions, My Tasks, and Workflow Overview pages   1 
- FEAT: Encourage users to reference their submission when sending help tickets. 
- FEAT: Batch editing; cleanup of systematic metadata issues  1 
- FEAT: Properly handle links to external repositories   2  1/2  
- FEAT: private journal pages  2
- FEAT: (PRES) Automatic


Add a card...

### Planned for long term

- FEAT: ORCID indexing of authors   2 
- FEAT: link between different data packages from same article   1 
- FEAT: Replace submission video   1 
- FEAT: features needed to eliminate submission tracking spreadsheet   0/6
- FEAT: HIVE integration   3 
- FEAT: Make it easier for authors to create metadata 
- FEAT: ~~...~~

Add a card...

### Inbox

- On the wiki page for Sample Dryad Content, provide some examples of extremes in metadata 
- Add a card...