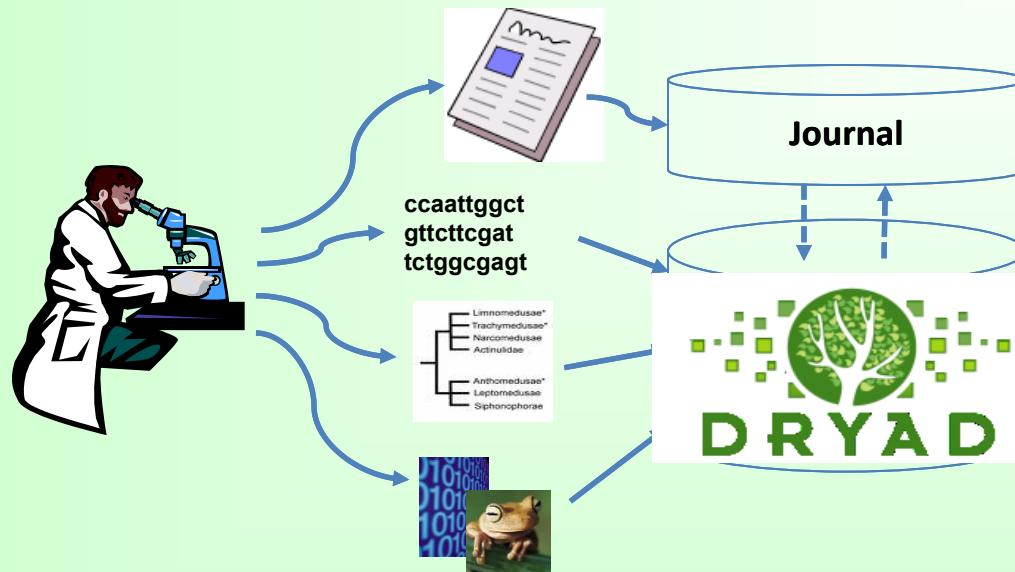# DRYAD

Curation System

Ryan Scherle
CurateGear 2013

Dryad Digital Data Repository
Coupling the Publication of Scientific Articles and Data

Dryad works with scientific journals to provide low-burden data submission and data reuse.

author

prepare manuscript
and related data files

JOURNAL

submit manuscript

manuscript review

editor

accepted?   accepted?
no   yes

send article
description

DRYAD

upload data

Dryad data
package

curation

data curator

send data
identifier (DOI)

published article
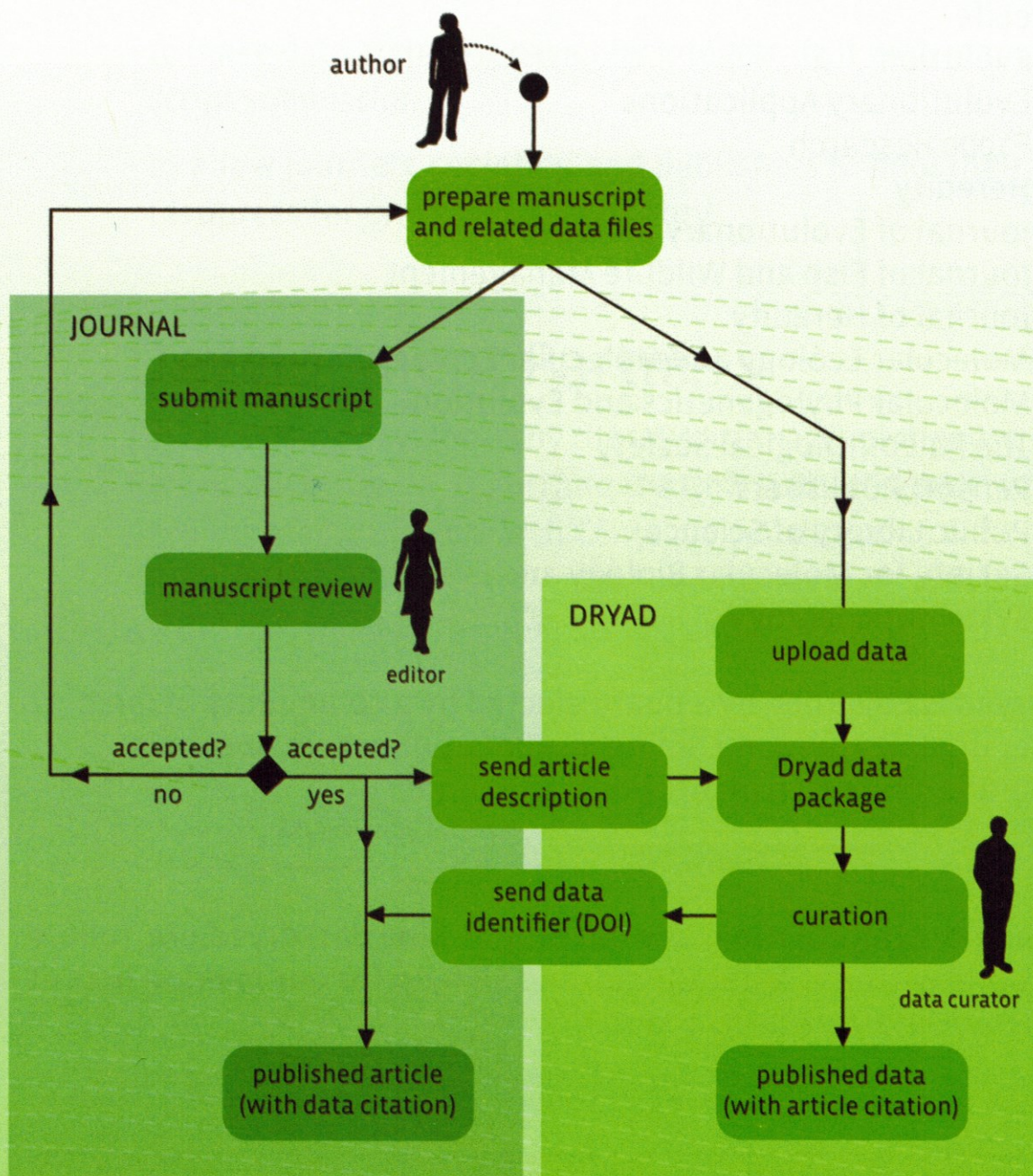(with data citation)

published data
(with article citation)

Image based on Lowry, R., E. Urban, and P. Pissierssens (2009), A New Approach to Data Publication in Ocean Sciences, Eos Trans. AGU, 90(50), doi:10.1029/2009EO500004.

Curation in DSpace

Add new metadata

Name: | dc.audience.educationLevel ▲▼

Value: [   ] [   ] Language

[Add new metadata]

PLEASE NOTE: These changes are not validated in any way. You are responsible for entering the data in the correct format. If you are not sure what the format is, please do NOT make changes.

[Update] [Return]

Metadata

Remove	Name	Value	Language
☐	dc. contributor. author	Samuels, Joshua X.	
☐	dc. contributor. author	Meachen, Julie A.	
☐	dc. contributor. author	Sakai, Stacey A.	
☐	dc. contributor. correspondingAuthor	Meachen, Julie A.	
☐	dc. date. accessioned	2013-01-07T20:18:57Z	

Publication metadata

Title*: This is a test article that requires peer review

Authors*:

[Last name, *e.g. Smith*]   [First name + initial, *e.g. Donald F.*]   [Add]

☐ Tester, Testy
☐ Vision, Todd
☐ Scherle, Ryan

[Remove selected]

Journal name*: Systematic Biology

Abstract:

Dryad is a nonprofit organization and an international repository of data underlying scientific and medical publications.

The scientific, educational, and charitable mission of

DOI: [ ]

Journal issue:

[Volume]   [Number]   [Year]

Primary contact for data associated with this article: [Tester, Testy ⇕]

Subject keywords: [ ]   [Add]

☐ Dryad
☐ Test data
☐ Data archiving
☐ Open data

[Remove selected]

Curation in DSpace

```
Submitter's
workspace  →  Gatekeeper  →  Primary
                              curation  →  Final edit  →  Data in
                                                          archive
```

Submitter's workspace → Gatekeeper → Primary curation → Final edit → Data in archive

Gatekeeper → Submitter's workspace

Primary curation → Submitter's workspace
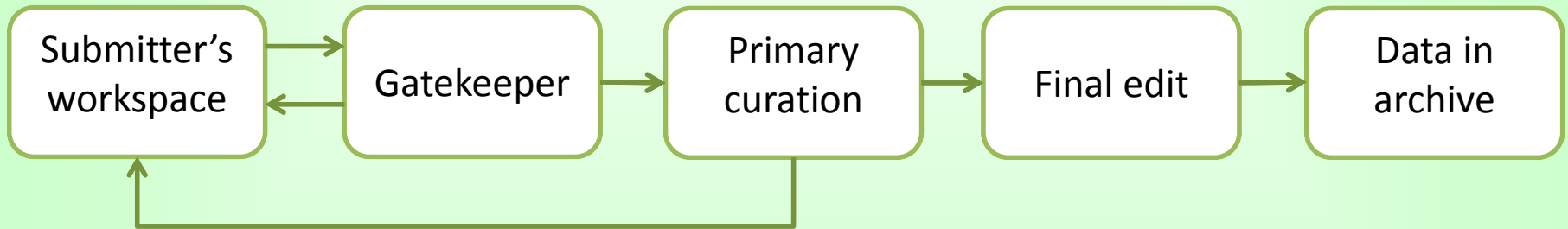
Curation in Dryad
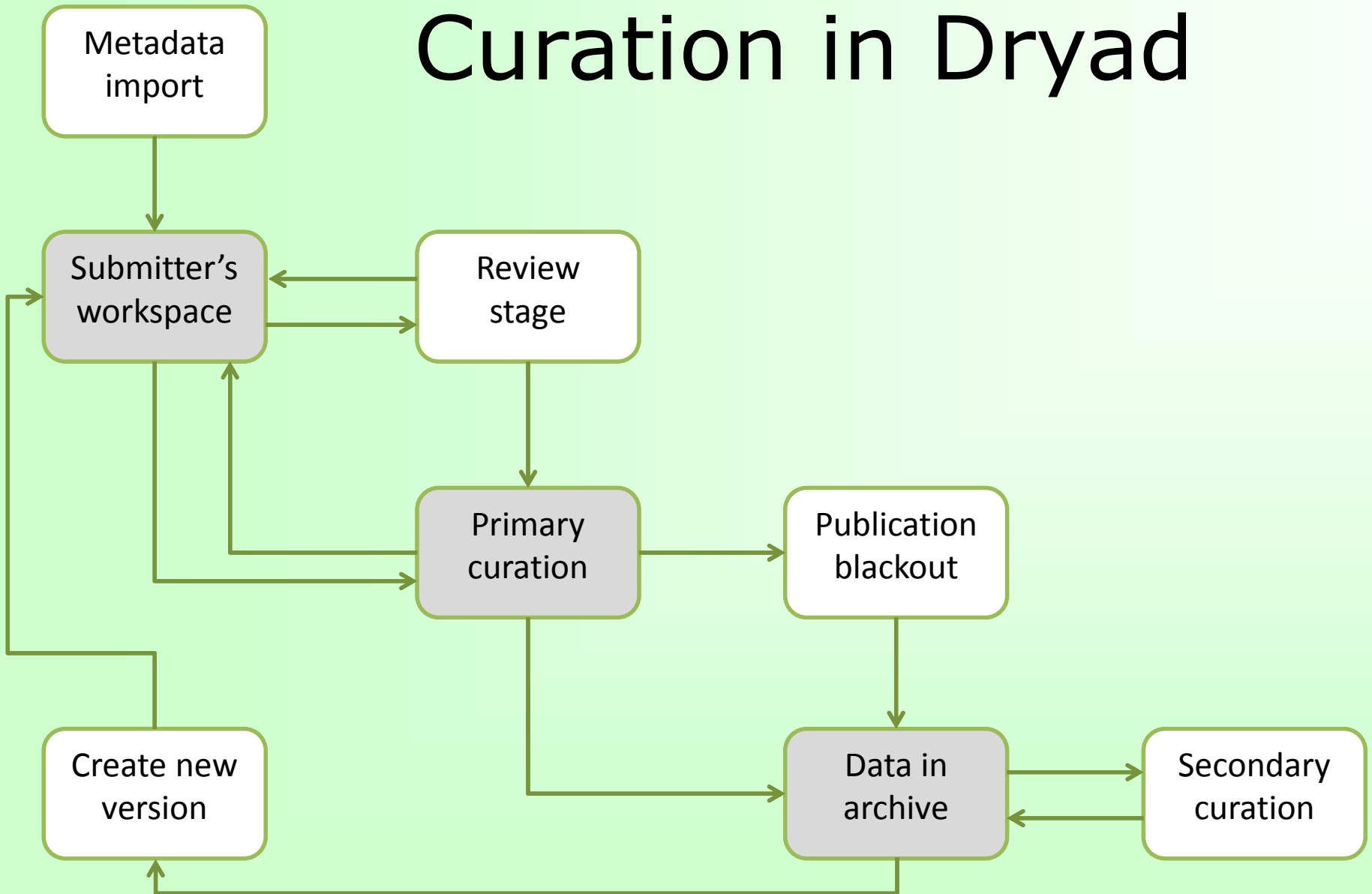
Curation Tasks

Edit Item

Item Status
Item Bitstreams
Item Metadata
View Item
Curate
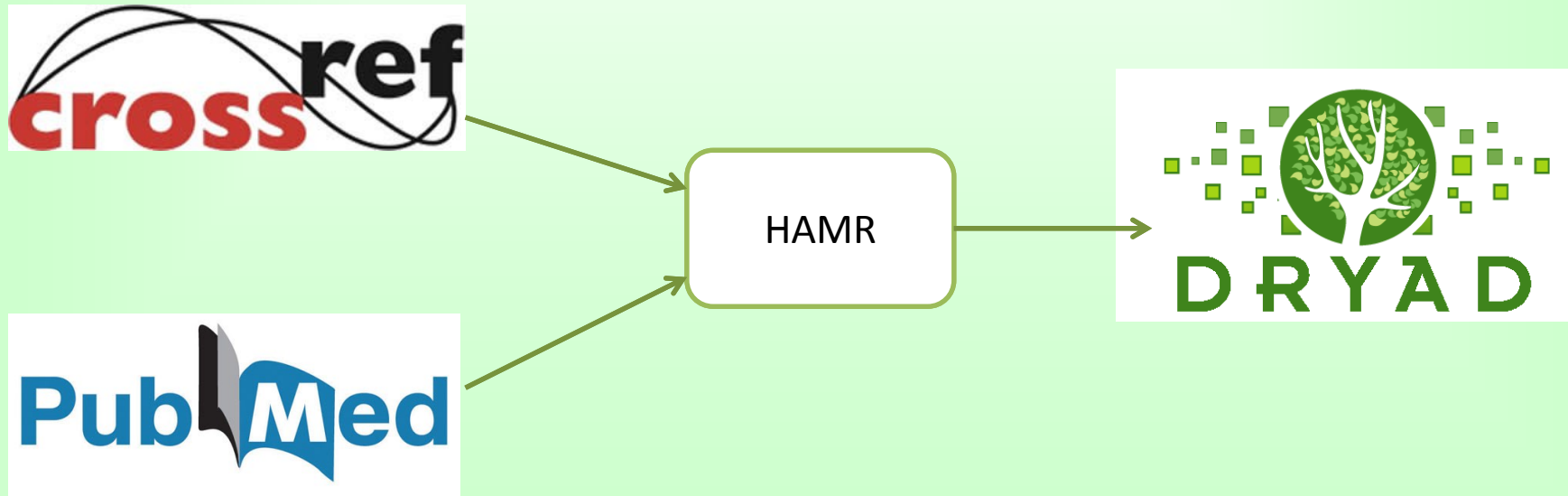
Task:

✓ Profile Bitstream Formats
Check for Required Metadata
Verify Item against DataCite
Synchronize Item against DataCite
List embargoed pubs without publication date

Perform

HAMR (in development)

HAMR will synchronize metadata with authoritative sources, while allowing curator approval of changes.

Demos:

- Submission with metadata import
- Flexible curation interface
- Peer review
- Curation tasks
- Curator-mediated versioning