
Exploring and Enhancing Digital Cultural Heritage with the Zooniverse Platform

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Adler Planetarium, Chicago
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PHAIDRAcon 2025: Connecting
Scholar and Citizen: The Emerging
Social and Cultural Role of the
Repository



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<https://www.zooniverse.org>

What is crowdsourcing?

At its best, [crowdsourcing] is a form of digitally-enabled participation that creates meaningful opportunities for the public to experience collections while undertaking a range of tasks that make those collections more easily discoverable and usable by others.

- Ridge, Blickhan, Ferriter et al. (2021) *The Collective Wisdom Handbook: Perspectives on Crowdsourcing in Cultural Heritage*

Book: <https://britishlibrary.pubpub.org>

Project: <https://collectivewisdomproject.org.uk/>

Why crowdsource?

Discoverability	Engagement
Data processing/transformation	Opportunities for exploration
Increased access to collections	Encourage institutional transparency around the digitization process
Results in new, or expanded, reusable datasets	Work with communities toward a shared goal

What is Zooniverse? How does it work?

THE ZOOIVERSE WORKS

929,411,567

CLASSIFICATIONS SO FAR

2,926,575

REGISTERED VOLUNTEERS

<https://www.zooniverse.org>



EAGLE galaxies have landed! Read the blog to [find out more about them](#) and [what to do if some of them appear clumpy](#).



TASK

TUTORIAL

Is the galaxy simply smooth and rounded, with no sign of a disk?



Smooth



Features or Disk



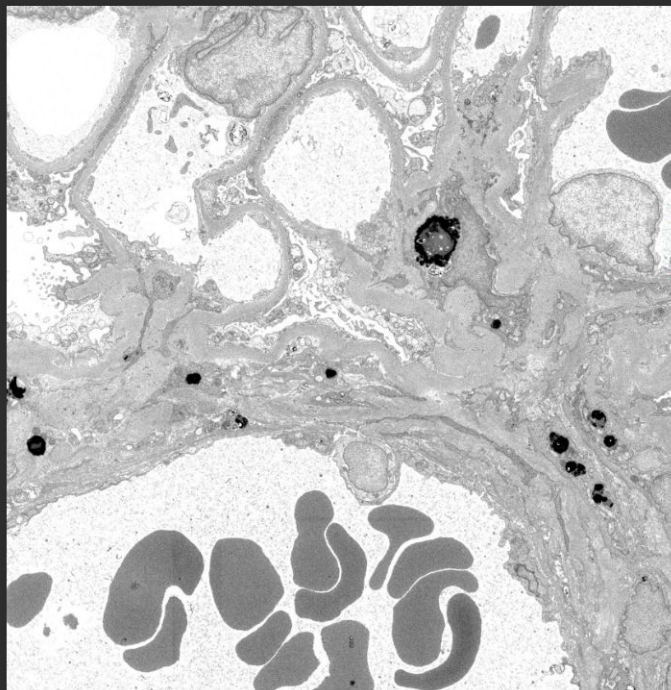
Star or Artifact

NEED SOME HELP WITH THIS TASK?

[Done & Talk](#)[Done](#)



We've just added a brand new workflow to Etch A Cell - ImmunoExplorers! Check out 'Workflow 2 - Nuclei Hunters'! Thanks for being here 😊



TASK

TUTORIAL

Please draw a **box** around all the immune cells you can see



Box tool

0 drawn

NEED SOME HELP WITH THIS TASK?

Done & Talk

Done



Thank you so much to everyone helping with this project! See the [RESULTS](#) page for periodic updates.



137
some Post Baks here the grass
is very rank and our Cattle will
have a good chance we took dinner
by the light of a Candle. it con-
sisted of Venison Steak Rice
hard Bread & Coffee. I wrote a
letter to Aunt Harroth in the
evening



FIELD GUIDE



TASK

TUTORIAL

Work in the text box below to edit the machine-generated text based off what you see in the image on the left.

Note that some pages may be very difficult to read and will take some time (up to 30 minutes). Don't worry if you can't fix every error! Feel free to submit whatever work you're able to accomplish.

When you're done transcribing, select an option from the menu below. Then hit DONE! Your corrections will be sent to project staff and you will be shown a new page to work on.

some Post Baks here the gross
LST,
in very rank and our Cattle will
have a good chance we took dinne
by the light of a a Candle is
Con
right of Vennon steak Rece
hand Bread & Ceffee I wrote in
letter to amount Harroth in the
evening
Tuesday 2d Cloudy & Your Their
at day
light 44° If was cold all night
I wrote a letter to Telle
Probut as
soon as I got up as the Captain
Ave emp loyes an Indian the
our letters to the Fort cleaned
about eleven piclock Ther 73° at
20Pm
I come
plants



Thank you so much to everyone helping with this project! See the [RESULTS](#) page for periodic updates.

Field Journal Fix-Up Talk

Search or enter a #tag

Moderator Controls

Notes

General comment threads about individual subjects

[professor_lp](#) Subject 114299196 [an hour ago](#)

126 Participants

286 Discussions

692 Comments

Recent Comments

Popular Tags:

[common_names](#)
[handwriting](#)
[cover](#)
[accented-characters](#)
[corrections](#)
[error_in_submission](#)
[german-names](#)
[other](#)
[111068790](#)
[biology](#)
[birds](#)
[choose_an_option](#)
[gender_symbol](#)
[illustration](#)
[lord](#)
[pagecutoff](#)
[slime](#)
[stemonitis](#)
[test](#)

Questions for the Research Team

Post additional questions about the project or research topics of interest.

[Briana G.](#) [RESEARCHER](#) Unsure about a few words [2 hours ago](#)

19 Participants

14 Discussions

59 Comments

Project Updates

Updates from the research team, and other general information.

[am.zooni](#) woodhouse field notes [5 days ago](#)

11 Participants

12 Discussions

30 Comments

Technical Support

Use this board to report technical issues. Please check here as well to learn about any known issues.

[Swallowgate](#) No new image appearing [10 days ago](#)

8 Participants

3 Discussions

20 Comments

PROJECT #9045

View project

Project details

About

Collaborators

Field guide

Tutorial

Media

Visibility

Talk

Data Exports

Workflows

Subject Sets

NEED SOME HELP?

Read a tutorial

Ask for help on talk

Glossary

Input the basic information about your project, and set up its home page.

Avatar

Drop an avatar image here

Pick a logo to represent your project. To add an image, either drag and drop or click to open your file viewer. For best results, use a square image of not more than 50 KB.

Background image

Drop a background image here

NAME

Untitled project test

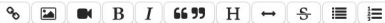


The project name is the first thing people will see about the project, and it will show up in the project URL. Try to keep it short and sweet. Your project's URL is </projects/blicksam/untitled-project-test>

DESCRIPTION

A short description of the project

This should be a one-line call to action for your project that displays on your landing page. Some volunteers will decide whether to try your project based on reading this, so try to write short text that will make people actively want to join your project. 266 of 300 characters remaining.

INTRODUCTION

A more in-depth introduction to your science...

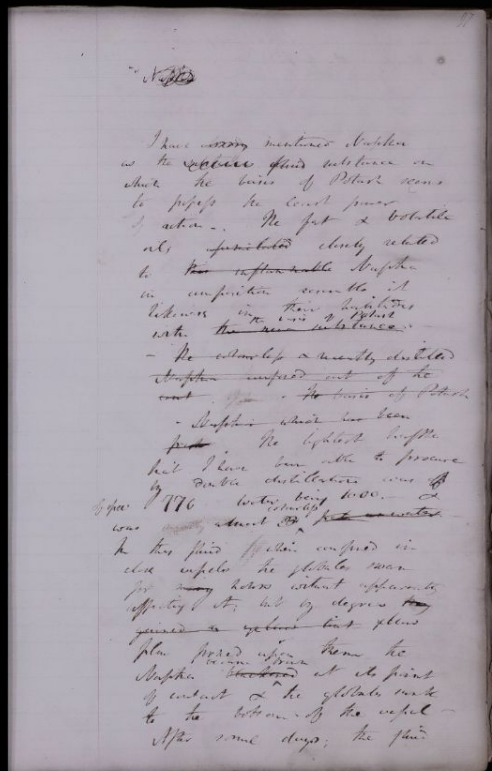
<https://www.zooniverse.org/lab>

<https://www.zooniverse.org/publications>

Data export types (see Data Exports tab of PB)

- Classification export: all task data from all workflows for your entire project
 - JSON in .csv (annotations column)
- Workflow classification export: all task data from a specific workflow
 - JSON in .csv (annotations column)
- Workflow export: structural information about how your workflow looks (w/ version info)
 - JSON in .csv
- Subject export: list of all subjects you have uploaded w/ any metadata included
 - JSON in .csv
- Talk export: all comment and hashtag data from Talk
 - JSON
- Details at:
<https://help.zooniverse.org/next-steps/data-exports/>

What do people do with their Zooniverse data?



Transcription

<107>

97

Naptha

I have already mentioned **Naptha** as the substance fluid substance on which the basis of **potash** seems to possess the least power of action - . The fat & volatile oils assimilated closely related to this inflammable **Naptha** in composition resemble it likewise in their habitudes with the basis of **potash** the new substance -

- The colourless & recently distilled **Naptha** [composed] out of the cont. [xxxx]. The basis of **potash**

- **Naptha** which has been [xxxx] - The lightest **Naptha** that I have been able to procure by double distillation was of spec 770 Water being 1000.- &





Oct. 30, 1938

Sirs:

I'm writing in regards
to the "H. G. Wells" Novel
of "The War of the Worlds".

Not knowing it was only
a play my husband & I
lived through the stark
horror of it.

I can't express our feelings
- we thought the end of the
World had come - our faces
were white - we ~~shook~~ shook
as from cold.

Anyone who would broad-
cast such a horrible,
weird, fantastic thing
over a radio is not
in their right mind

An Outraged Listener

Oct. 30, 1938

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An Outraged Listener

Reading: The Shakespeare's World Crowdsourced Transcription Project Datasets

[Download](#)[A+](#)[A-](#)[99](#)[Alt.
Display](#)

Data Paper

The Shakespeare's World Crowdsourced Transcription Project Datasets

Victoria Van Hying  , ZhiCheng Wang 



Abstract

The Shakespeare's World Datasets derive from a crowdsourced transcription project hosted on the Zooniverse platform between 2015 and 2019 (Van Hying et al, 2015–2019). Volunteers transcribed 14,330 digitized early modern manuscripts from the Folger Shakespeare Library. 3,926 registered volunteers contributed, and over 94,570 anonymous sessions representing an unknown number of individuals, were recorded. This paper presents a cleaned dataset of individual volunteer transcriptions (IVT), containing all 203,389 valid classifications, along with three supplementary social datasets for a discussion forum and blog. These datasets provide insights into the transcription process, and volunteer and project owner interactions during the project's lifespan. The datasets have significant reuse potential in digital humanities, historical linguistics, and

Contents

[Annotations
& Comments](#)[Related
Articles](#)

Abstract

[\(1\) Overview ▾](#)[\(2\) Method ▾](#)[\(3\) Dataset Description ▾](#)[\(4\) Reuse Potential](#)

Notes

[Funding Information](#)[Competing Interests](#)[Author Contributions](#)[References](#)

Sean + Sam 1:1 - C

thegetty / mutual-muses

Q

Type / to search

<> Code

Pull requests

Security

Insights

Getty

mutual-muses

Public

Watch 8

Fork 1

Star 16

master

1 Branch

1 Tag

Q

Go to file

t

Add file

<> Code

melissaagill Updated suggested citation 4a59796 · 7 years ago 119 Commits

analysis	Change code licenses to BSD-3	7 years ago
bookdown	update license and copyright description in pdf prefaces	7 years ago
data	Updated suggested citation	7 years ago
docs	Change code licenses to BSD-3	7 years ago
.gitignore	Merge remote-tracking branch 'preview_pages/master'	7 years ago
README.md	note that data dir contains further docs	7 years ago
contributors.md	trailing backslash not needed on the final line of contribut...	7 years ago
mm_transcription_comparison_diagram.png	Add transcription comparison diagram	7 years ago

README

About

Mutual Muses is a crowdsourced transcription project undertaken by the Digital Art History program at the Getty Research Institute

blogs.getty.edu/iris/six-lessons-learned

Readme

Activity

Custom properties

16 stars

8 watching


1 fork







Report repository



Releases 1







v1 Latest






on May 1, 2018






 **Hugging Face**

 Models  Datasets  Spaces  Community  Docs Pricing  Log In









Datasets:  davanstrien/**deart**  like 2

Modalities:  Image  Text Formats:  parquet Size: 1K - 10K Libraries:  Datasets  Dask  Croissant + 1



 **Dataset card**  Data Studio  Files and versions  xet  Community

Dataset Viewer (First 5GB) 
 Auto-converted to Parquet  API  Embed  Data Studio

Split (1)
train · 5.05k rows

image image · width (px)	source string · classes	width int16	height int16	dept int8	segmented int8
 157 12.4k	 11 values	 157 12.4k	 173 8.18k	 1 3	
	Europeana Collection	1,019	1,680	3	nu
	WikiArt	818	1,102	3	nu
	British Museum	304	226	3	nu

Downloads last month

 Use this dataset 

Size of the auto-converted Parquet files (First 5GB):
6.89 GB

Number of rows (First 5GB):
5,052

CONTENTS



Extract of a letter from William Lloyd Garrison, [Roxbury, Mass.], to George Whittemore Stacy, Oct. 23, 1878



MORE INFORMATION



image 1 1



image 2

Wm Lloyd Garrison to George W. Stacy, Oct. 23, 1878.

"It was a very gratifying and handsome
reception extended to me by the 'Franklin Club,'
and I am sure you would have greatly en-

page image 1 of -

[Previous Result](#)1 result found for 'Garrison' [Clear](#)[Next Result](#)

Anti-Slavery Manuscripts at the Boston Public Library: BPL Digital Commonwealth,
Anti-Slavery (Collection of Distinction), Letters/Correspondence

DATA

SPACE

PHYSICS

CLIMATE

HUMANITIES

NATURE

MEDICINE

SOCIAL SCIENCE

LANGUAGE

META

DATA



Results & Datasets (13)

MOLA Citizen Science on the ADS, Hawker-Yates, 2024

Data for Publication Citizen Science for IceCube: Name that Neutrino, C. Love, 2024

War of the Worlds Fan Mail, University of Michigan Library, 2024

Lancaster Digital Collections: The Davy Notebooks Project, Ruston+, 2024

Image descriptions for 7471 of the DEArt images, obtained via the Zooniverse crowdsourcing platform, Reshetnikov+, 2023

Snow Spotter Canopy-Snow Interception Dataset #1, Lumbrazo+, 2022

Engaging Crowds Project Data, Engaging Crowds Team, 2022

AI4MARS: A Dataset for Terrain-Aware Autonomous Driving on Mars, Swan+, 2021

Addressing Health Pensions Data Mapper, Smith+, 2021

Rainfall Rescue Data Set, Hawkins, 2021

Living with Machines alpha and beta Zooniverse 'accident' task data, 2020

Scribes of the Cairo Geniza Data, Scribes of the Cairo Geniza Team, 2020

Mutual Muses Results, Mutual Muses Team, 2018

Any questions?

contact@zooniverse.org

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