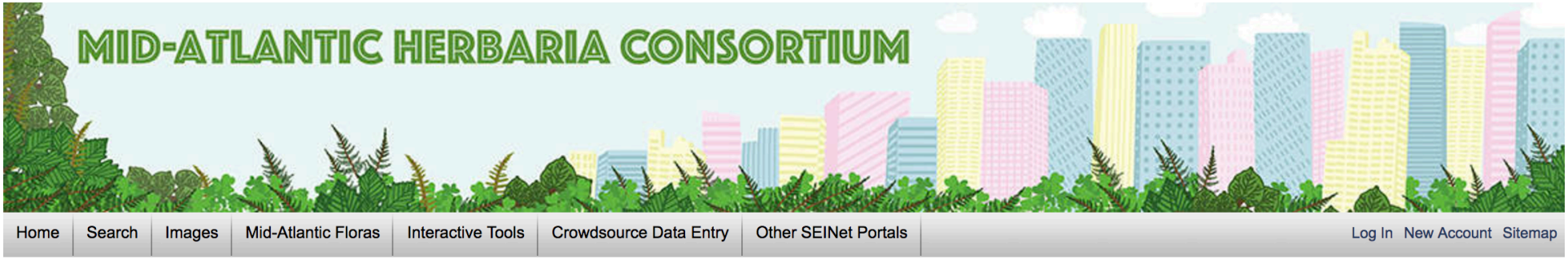
Mid-Atlantic Megalopolis Project

Transcription Workshop
Morris Arboretum
Philadelphia, PA
October 11th, 2017

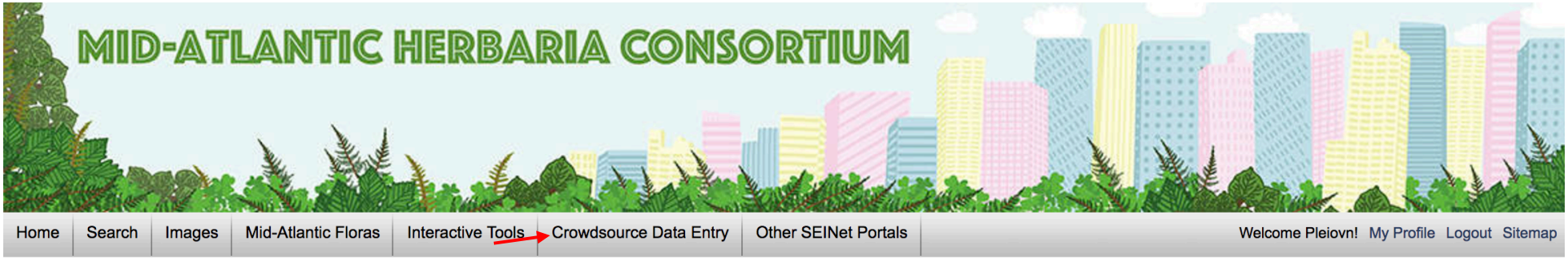
Welcome to the Mid-Atlantic Herbaria Consortium

The Mid-Atlantic Herbaria Consortium includes herbaria from New York, New Jersey, Pennsylvania, Delaware, Maryland and D.C. The Consortium serves as the portal for the Mid-Atlantic Megalopolis Project. We invite any Mid-Atlantic herbaria to join us online in digitizing the rich resources that are our regional plant collections. We also welcome citizen scientists, amateur botanists, and plant enthusiasts to add to our observation records with your own field data and images, or to contribute to our project by joining us in our specimen transcription efforts through a crowd sourcing module. Together, through all of these efforts, we can build a stronger understanding of the Mid-Atlantic flora and how it has changed along with this dynamic region. This site is brought to you in collaboration with the SEINet Herbarium Network. Send questions, comments, and requests to midatlanticherbaria@gmail.com.

Go to midatlanticherbaria.org and click on “Log In”.



Enter your username and password and click on “Login”.



Welcome to the Mid-Atlantic Herbaria Consortium

The Mid-Atlantic Herbaria Consortium includes herbaria from New York, New Jersey, Pennsylvania, Delaware, Maryland and D.C. The Consortium serves as the portal for the Mid-Atlantic Megalopolis Project. We invite any Mid-Atlantic herbaria to join us online in digitizing the rich resources that are our regional plant collections. We also welcome citizen scientists, amateur botanists, and plant enthusiasts to add to our observation records with your own field data and images, or to contribute to our project by joining us in our specimen transcription efforts through a crowd sourcing module. Together, through all of these efforts, we can build a stronger understanding of the Mid-Atlantic flora and how it has changed along with this dynamic region. This site is brought to you in collaboration with the SEINet Herbarium Network. Send questions, comments, and requests to midatlanticherbaria@gmail.com.

Search Taxon

Search

HIDE CAPTION

Viola sororia; MUHW013679; C. Hinchman 50. Courtesy of: Marshall University.

Now, click on “Crowdsource Data Entry”.

Crowdsourcing Score Board

Top Scores a

User	Score
Rhoads, Ann F.	56048
Fleck, Carra	24244
Phalan, Mary	13850
Pizziketti, Cindy	5092
Stiltner, Kaitlin	4732
Gillispie, Reese	2142
Case, Grenadine	2014
Knight, Ashley	1930
Strait, Sydney	1212
McNichol, Chris	1087
Pace, Jeffery	1010

Note: You have been identified as an official editor for one or more collections. Your points will not be counted in the Top Score table for specimens that belong to collection to which you have edit rights. Top scores are posted only for specimens entered as a volunteer user.

b Current User's Status

Current Standing

Specimens processed: 0
Pending points: 0
Approved points: 0
Total Possible Score: 0

User Stats by Collections c

Collection	Specimen Count	Pending Points	Approved Points	Open Records
Delaware State University, Claude E. Phillips Herbarium (DOV)	0	0	0	793
Stover-Ebinger Herbarium (Eastern Illinois University) (EIU)	0	0	0	348
George Mason University, Ted R. Bradley Herbarium (GMUF:Plants)	0	0	0	193
Institute for Botanical Exploration (IBE)	0	0	0	1846
University of Illinois Herbarium (ILL)	0	0	0	457
Illinois Natural History Survey (ILLS)	0	0	0	814
Indiana University Herbarium (Deam Herbarium) (IND)	0	0	0	1
Muhlenberg College (MCA)	0	0	0	3659 d
University of Michigan Herbarium (MICH)	0	0	0	42
Mississippi State University (MISSA)	0	0	0	7756
Marshall University (MUHW)	0	0	0	1629
University of South Carolina Upstate Herbarium (USCS)	0	0	0	7
Virginia Polytechnic Institute and State University, Massey Herbarium (VPI)	0	0	0	257

You will be taken to the scoreboard. See the list on the next page for what each piece means. When you're ready to begin, click on the count in the Open Records (d) column next to the collection you want to work on.

a. Top Scores – This is the overall scoreboard for all users working on transcription.
b. Current User's Status – This is your score. "Specimens processed" is the number of records you've transcribed. "Pending points" is the number of points awaiting approval. "Approved Points" is the number of points the reviewer has awarded you. "Total Possible Score" is your current score. If it makes the Top Scores chart, you'll see your name and score listed there. Your score is calculated based on the difficulty of the record transcribed. Most records are awarded 1-2 pts.
c. User Stats by Collections – This is the list of collections that have records waiting to be transcribed.
d. Open Records – Click on the count to enter the data editing form. The collections in the MAM Project to focus on are **Morris Arboretum, Muhlenberg College, and Staten Island Museum**.

Muhlenberg College (MCA)

Record Search Form

Catalog Number: **OCR Fragment:**

Custom Field 1: Select Field Name | EQUALS

Display Editor | Display Table | Reset Form | **Sort by:** Select Sort Field | Ascending

Home >> Crowd Sourcing Central >> **Occurrence Record Table View** | 1-1000 of 3653 records | >>

Symbiota ID	Catalog Number	Family	Scientific Name	Author	Identification Remarks	Date Last Modified	Processing Status	Basis Of Record
14055039	MCA0009213	Ulmaceae	*Ulmus americana*	L.	MCA filed-as name	2017-08-21 09:34:02	unprocessed	PreservedSpecimen
14055054	MCA0009228	Ulmaceae	*Ulmus americana*	L.	MCA filed-as name	2017-08-21 09:34:02	unprocessed	PreservedSpecimen
14055058	MCA0009232	Ulmaceae	*Ulmus parvifolia*	Jacq.	MCA filed-as name	2017-08-21 09:34:02	unprocessed	PreservedSpecimen
14055064	MCA0009238	Ulmaceae	*Ulmus pumila*	L.	MCA filed-as name	2017-08-21 09:34:02	unprocessed	PreservedSpecimen
14055067	MCA0009241	Ulmaceae	*Ulmus pumila*	L.	MCA filed-as name	2017-08-21 09:34:02	unprocessed	PreservedSpecimen
14055071	MCA0009245	Ulmaceae	*Ulmus pumila*	L.	MCA filed-as name	2017-08-21 09:34:02	unprocessed	PreservedSpecimen
14055075	MCA0009249	Ulmaceae	*Ulmus pumila*	L.	MCA filed-as name	2017-08-21 09:34:02	unprocessed	PreservedSpecimen
14055079	MCA0009253	Ulmaceae	*Ulmus pumila*	L.	MCA filed-as name	2017-08-21 09:34:02	unprocessed	PreservedSpecimen
14055083	MCA0009257	Ulmaceae	*Ulmus pumila*	L.	MCA filed-as name	2017-08-21 09:34:02	unprocessed	PreservedSpecimen

After clicking on the count, you'll see the records in list view. Click on the Symbiota ID to begin data entry.

Muhlenberg College (MCA)

Home >> Crowd Sourcing Central >> Public Display >> **Editor** |< << | 1 of 3653 | >> >|

Occurrence Data

Long Form <<

Other Cat. #s ? | Collector ? | Number ? | Date ?

a | b | c

Dupes? d

Auto search

Associated Collectors ? | Verbatim Date ?

e | f

Scientific Name ?

Ulmus americana

Note: Full editing permissions are needed to edit an identification

Country ? | State/Province ? | County ?

g | h | i

Locality ?

j

Latitude | Longitude | Uncertainty ? | F << | Verbatim Coordinates ?

Elevation in Meters ? | Verbatim Elevation ? | Depth in Meters ? | Verbatim Depth ?

k - << l | -

Habitat ?

m

Substrate ?

n

Notes (Occurrence Remarks) ?

o

Save Edits

Status Auto-Set: Pending Review p

Label Processing

Zoom? Med Res. High Res.

OCR Image

Options

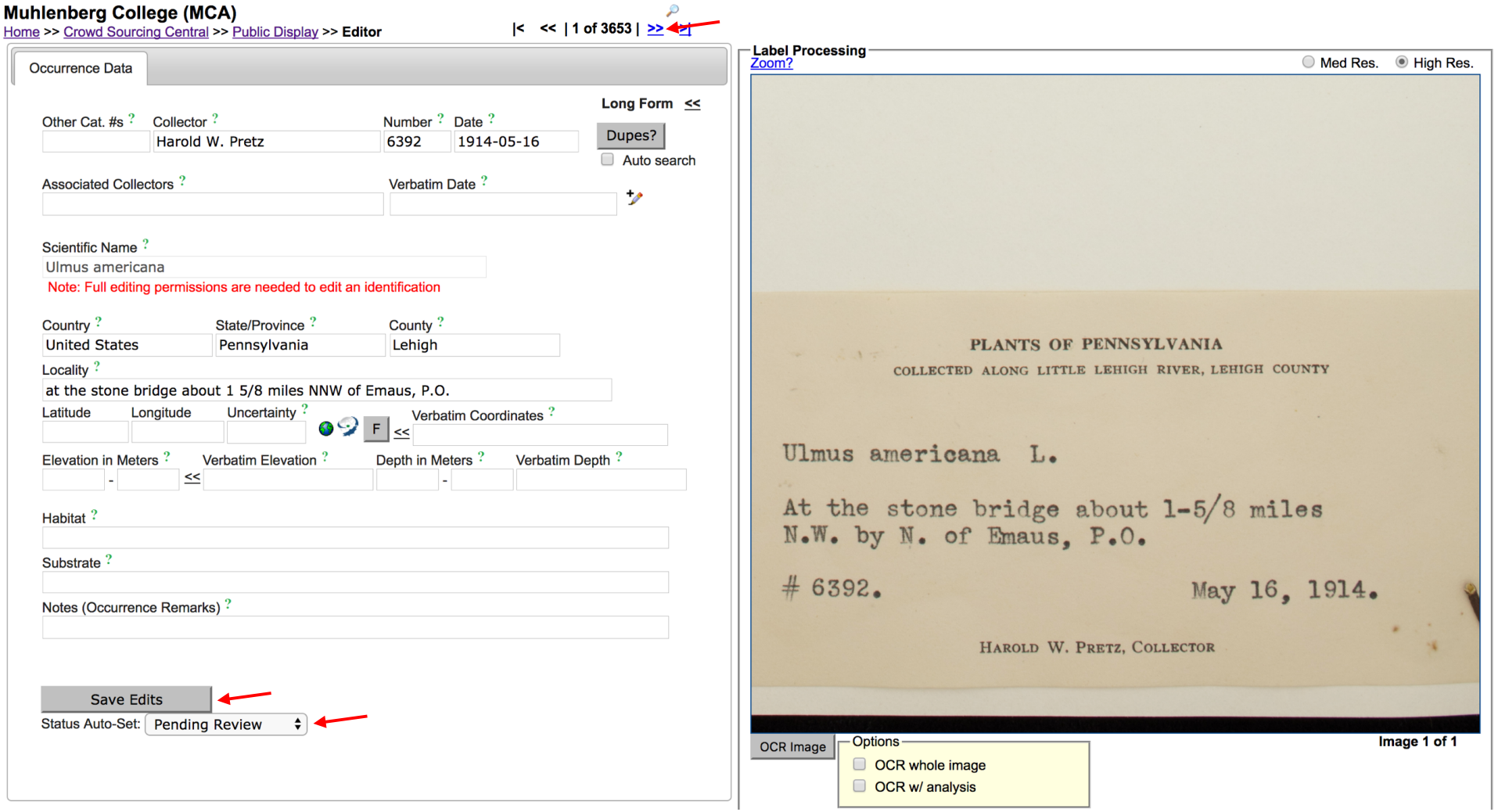
OCR whole image

OCR w/ analysis

Image 1 of 1

You will be taken to the data entry form. See the list below for what each piece means.

a. Collector – The primary collector. Enter in format First name Last name. For example: “Ann Rhoads”, not “Rhoads, Ann”. If collector is not present, enter “Unknown”.
b. Number – The collector’s number. If number is not present, enter “s.n.” (*sine numero*, Latin for ‘without number’).
c. Date – The date the specimen was collected. Enter in format yyyy-mm-dd. If month is not present, enter in format yyyy-00-dd. If day is not present, enter in format yyyy-mm-00. If neither month nor day is present, enter in format yyyy-00-00. If year is not present, see Verbatim Date (f).
d. Dupes? – Click this button to search for duplicate records in the database. If found, click “Transfer to Empty Fields Only” and review to ensure information is correct.
e. Associated Collectors – Secondary collectors that were present along with the primary collector at the time of collection. Enter in format First name Last name, separated by semicolons. For example: “Tim Block; Cindy Skema”.
f. Verbatim Date – If year is not present on the label, or if the date is otherwise ambiguous, enter it here. For example: “June 16th”, “Spring 1907”.
g. Country – The country where the specimen was collected. Do not use abbreviations. For example: “United States”, not “USA”. May already be filled in.
h. State/Province – The state where the specimen was collected. Do not use abbreviations. For example: “Pennsylvania”, not “PA”. May already be filled in.
i. County – The county where the specimen was collected. Do not enter the word “County”. For example: “Lehigh”, not “Lehigh County”.
j. Locality – Geographic description of where the specimen was collected. For example, “5 mi N of Allentown”. Do not capitalize the first letter unless a proper noun.
k. Elevation in Meters – The elevation at which the specimen was collected. If in meters, enter here as numerical data only. For example: “1000”, not “1000 meters”. If in feet, see Verbatim Elevation (k). If only one elevation is listed, enter in the first box. If a range is listed, enter the lowest in the first box and the highest in the second box.
l. Verbatim Elevation – If elevation units are in feet, enter here. For example: “100 ft”. When you move out of the field, it will auto convert to meters in Elevation in Meters (j).
m. Habitat – The environmental conditions in which the specimen was collected. For example: “Disturbed forest”. Do not capitalize the first letter unless a proper noun.
n. Substrate – The technical description of inorganic material on which the specimen was collected. For example: “Wissahickon Formation”.
o. Notes (Occurrence Remarks) – Population characteristics. For example: “Rare”, “Common”. Also use this field as a temporary holding spot for notes to reviewers. For example: “Label illegible”.
p. Status Auto-Set – If you finished entering data for a record and didn’t encounter any issues, set as “Pending Review”. If the record was problematic for any reason, leave a note describing the issue in Notes (Occurrence Remarks) (n), and set to “Expert Required”.



Now that you understand how the scoreboard works and what the data fields mean, you can begin transcribing data. Zoom in on the label by holding down shift and dragging your cursor to the top right portion of the image. Zoom out by holding down shift and dragging your cursor to the bottom left. Begin transcribing data from the label into the data entry form. When you're finished transcribing the record, select either "Pending Review" or "Expert Required" from the Status Auto-Set drop-down, and click on "Save Edits". Then, click on the blue double arrow (>>) to advance to the next record. Repeat the steps in this section until you're finished for the day.

Additional Notes

Notice how I've changed "N.W. by N." to "NNW". This is critical because the next phase in the project is georeferencing. We use a tool that automatically analyzes locality text and suggests geographic coordinates. The tool struggles with understanding text like "N.W. by N.", but excels when the cardinal directions are in a standardized format, such as "NNW". See the table below for other possible formatting issues. When you encounter them, enter as suggested below. If you are unsure of the correct format, leave a note in Notes (Occurrence Remarks) and save the record as Expert Required.

Possible label text format	Automatic georeferencing format
South-southwest	SSW
East by northeast	ENE
N.W.	NW

When you're ready to logout, click on "Home", then "Logout".

Contact information

If you have any questions about transcription, contact Anne Barber and annebar@upenn.edu. See the following websites for more information relating to the MAM Project.

MAM Portal: http://midatlanticherbaria.org/portal/
MAM Project Website: https://www.mamdigitization.org/
Symbiota: http://symbiota.org/docs/