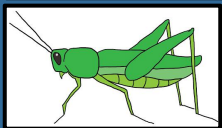# Not Bugged by Data: Streamlining the Digitization of the University of Michigan Museum of Zoology's Insect Collection
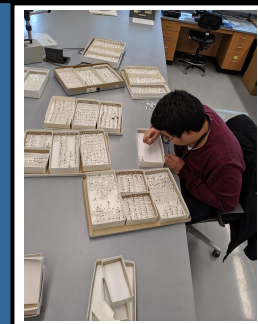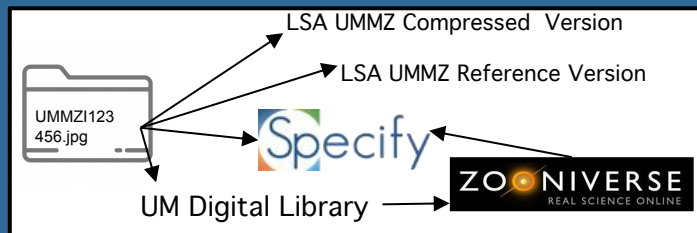
Mark Ramirez, Alexandria Rayburn, Anthony Sexton
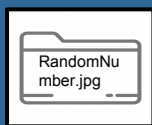Project Link: https://www.zooniverse.org/projects/jmschell/notes-from-nature-mi-bug

UMMZI123456

RandomNumber.jpg

UMMZI123456.jpg

LSA UMMZ Compressed Version

LSA UMMZ Reference Version

Specify

ZOONIVERSE REAL SCIENCE ONLINE

UM Digital Library

| Step 1: Small QR tag added to current specimen tags | Step 2: Specimen and tags photographed in single image | Step 3: Image is ran through Python script that renames file with catalog ID # | Step 4: Re-named image uploaded to 4 separate servers | Step 5: UM Digital Library image linked to Zooniverse project | Step 6: Metadata tags will be transcribed using Zooniverse | Step 7: Transcribed text uploaded into main collection database, Specify |

The UMMZ Insect Collection needed help developing a more streamlined specimen digitization curation process. The collection produces tens of thousands of digital records each year that are shared with multiple global repositories making the collection's data accessible to scientists and the public around the world. There are about 4.5 million specimen records to create and process.

After OCR options were explored and proved not suitable, our professor suggested that we explore citizen science options. Fortunately, University of Michigan Library librarian Dr. Justin Schell is an expert on working with citizen science platforms and creating projects specifically though the platform Zooniverse. After meeting with him, we determined that the platform meets all the basic requirements for the insect collection, and would be the most efficient option available.